

# Security Products Americas



RESIDENTIAL AND COMMERCIAL  
PRODUCTS AND SERVICES

## Sourcebook 2012-2013

# Honeywell



## Welcome

Dear Security Professional:

Welcome to the Honeywell Security Products Americas Sourcebook. In all of my years in the industry, I've never seen as many solutions that provide real, measurable value to our customers and push the boundaries of innovation—providing you with opportunity everywhere you look.

Honeywell's LYNX Touch 5100—our new self-contained wireless control with a brilliant, full-color touchscreen keypad—has tremendous consumer appeal. It lets you provide next-generation interactive security as well as RMR-generating options like Honeywell Total Connect™ Remote Services, two-way voice over GSM radio and Z-Wave® energy management. We're even helping you leverage the population of tablets. Our Wi-Fi Android™ tablet doubles as a portable LYNX keypad and entertainment device—an industry exclusive!

Want more touchscreen options? Tuxedo Touch™ will exceed all of your expectations by offering a dynamic solution for today's connected home and business—seamlessly integrating security, cameras and Z-Wave enabled thermostats, lights, locks and shades.

Whether you need robust IP video surveillance or web-based access control like NetAXS-123 with video verification, you can count on Honeywell for superior performance. Our MAXPRO® NVRs, combined with our IP Performance and eQULP® Series cameras, provide complete coverage for entry to enterprise businesses.

Looking for integrated solutions? WIN-PAK® SE with VISTA® works with our 128/250FBP, RapidEye™ and Fusion DVRs and PRO2200 access controllers to let you quickly and easily add video surveillance and intrusion every time you install an access control system. It delivers a system that's powerful enough to handle all of your customers' integrated security needs from one interface—saving you time and money.

We're proud to provide you with these new technologies that are revolutionizing the way today's homes and businesses are secured. If you're looking for true security innovation, opportunity is everywhere with Honeywell! Thank you for your continued support.

Sincerely,

A handwritten signature in black ink that reads "Scott Harkins". The signature is fluid and cursive, with a large, stylized "S" and "H".

Scott Harkins, President  
Honeywell Security Products Americas

## Profile

Honeywell is one of the world's leading manufacturers of electronic security systems. Our range of capabilities for residential and commercial security applications are extensive, and our products protect millions of homes, businesses and government facilities across the globe.

### A History of Innovation

As industry pioneers, we've developed many of the groundbreaking advances that have shaped today's residential and commercial security systems. We've made systems easier to install and to use, developed the industry's sleekest touchscreen keypads, the most reliable supervised wireless products and the world's best-selling glassbreak detectors. We are also on the forefront of advancements in alarm communications technology—including the development of the groundbreaking Honeywell Total Connect™ and GSM solutions.

### Commitment to Quality

Our products are built in world-class production facilities and are subject to rigorous testing exceeding industry standards for quality and performance. Honeywell equipment complies with ISO-9001 protocols, an internationally recognized standard that defines a quality assurance system.





# Marketing Solutions That Drive Your Business

We're committed to helping dealers grow their businesses.

At Honeywell, we're constantly striving to bring more value to our partners—above and beyond the high quality products you've come to expect. We also provide you with award-winning marketing support materials, programs and tools created to help you grow your business, promote your services and build your brand. They're effective, easily accessible and, best of all, absolutely free!

## Generate New Leads and Build Your Brand

### Literature XPress



This popular online service, available exclusively for Honeywell Security dealers, has been enhanced this year with an even wider range of

exciting, customizable collateral for you to choose from. Instantly personalize polished, professionally designed marketing materials with your logo and company name! Choose from high quality brochures, sell sheets, posters, door hangers and more. Literature XPress is fast, easy and absolutely free.

Visit [www.honeywell.com/security/resources/xpress](http://www.honeywell.com/security/resources/xpress) for details.

### Promo Builder



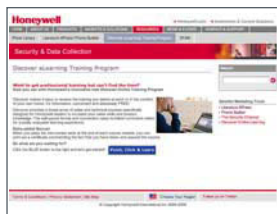
This impressive online tool enables you to generate customized, professionally designed postcards and flyers that are ready in seconds. You can opt

to utilize the sample headlines, offers and body copy or write your own content. Choose from a wide range of residential and commercial configurations.

To get started, simply create an account or sign in with your existing Literature XPress password at [www.honeywell.com/security/resources/xpress](http://www.honeywell.com/security/resources/xpress) and follow the intuitive prompts. There's nothing else like it!

## Training

### Discover e-Learning Management System



Take advantage of professional technical training courses right at your fingertips. Better trained technicians mean reduced installation times

and a reduction in unplanned service calls—and most importantly, satisfied end-users!

For more information, visit [www.honeywell.com/security/discover](http://www.honeywell.com/security/discover)

## Marketing

### The Security Channel



You're busy running a business but constantly challenged to supply exciting, relevant content on your website. That's where The Security Channel comes in. Honeywell's groundbreaking

website brings the world of security to life through video, and is an excellent way to inform your customers and prospects about what's new in security while promoting your services. In fact, you can create new marketing opportunities by embedding videos right onto your website—now optimized in higher resolution for iPad®.

Just log on to [www.thesecuritychannel.com](http://www.thesecuritychannel.com) and join the community today!

iPad is a trademark of Apple Inc.



## RESOURCE DIRECTORY

Customer Service .....	800-573-0154
Tech Support .....	800-645-7492
Inside Sales.....	800-467-5875
Communications.....	800-222-6525
Website .....	<a href="http://www.honeywell.com/security">www.honeywell.com/security</a>

## Spec More Systems

### STAR Specification Tools & Resources



Design integrated, customized access control, intrusion or video surveillance systems quickly and easily. STAR is perfect for:

- Commercial building architects and engineers
- Commercial security dealers
- System designers and consultants
- Sales professionals
- Security surveillance managers
- Loss prevention managers

STAR generates parts lists, purchase orders, A&E specification documents, and system installation and configuration summaries in minutes!

Visit [www.honeywell.com/security/starinfo](http://www.honeywell.com/security/starinfo) to get started.

### MyWebTech



An invaluable reference tool, MyWebTech lets security dealers research the latest technical data on Honeywell security products 24 hours a day, seven days a week from the very same

comprehensive library technicians use in the company's call centers. Highlights include quick and easy access to technical data, FAQs, direct wires, installation instructions and a convenient search-by-feature library.

You can obtain a user name and password by calling **800-573-0154**. Visit [www.honeywell.com/security](http://www.honeywell.com/security) and under **Resources** click on **MyWebTech**.

## TECHNICAL SUPPORT DAYS/TIMES

**Monday-Friday: 8:30 a.m. – 8:00 p.m. EST** – support for all intrusion products, FBII residential panels and Street Smart (no technical support after 6:00 p.m. on Destiny/XL4/XL4C and equivalent panels)

**8:30 a.m. – 5:30 p.m. EST** – French language support

**8:00 p.m. – 10:00 p.m. EST** – support for VISTA®-10P, VISTA-15P, VISTA-20P, FAP equivalent control panels, LYNX, AlarmNet® GSM/iGSM activation and registration, Pro registration, GSM and iGSM

**Saturday: 9:00 a.m. – 5:30 p.m. EST** – support for VISTA-10P, VISTA-15P, VISTA-20P, FAP equivalent control panels, LYNX, AlarmNet GSM/iGSM activation and registration, Pro registration, GSM and iGSM

*Technical support times are subject to change.*

## Support

*Satisfy and retain customers by saying what you do and doing what you say.*

### Commitment

We're dedicated to our partners and committed to delivering innovations that solve your customers' problems.

### Ease

It's easy to do business with us! From pre-sales through the installation process and beyond, we're simply a phone call away.

### Best People

Our team of dedicated and talented professionals bring decades of experience to the security industry.

### Product Support

We offer extensive support for our products including our product warranties, advance replacement programs, loaner programs and our online outlet center.

### Customer and Technical Support

Our team of experienced, dedicated customer and technical support specialists are always at your service. Whether your question deals with technology, product selection and compatibility or troubleshooting, they have the solution.

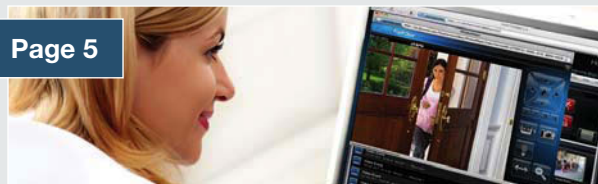
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## New Featured Products

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### Total Connect Remote Services

Dynamic, interactive dashboard and exciting new features take Total Connect to a new level—enhancing the end-user experience while simplifying set-up for you.

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### Tuxedo Touch™

The magnificent, 7" graphic touchscreen provides you with the easiest, most affordable way to tie all of the technology in your customers' homes and businesses together—including security, cameras and Z-Wave® enabled thermostats, lights, locks, thermostats and shades!

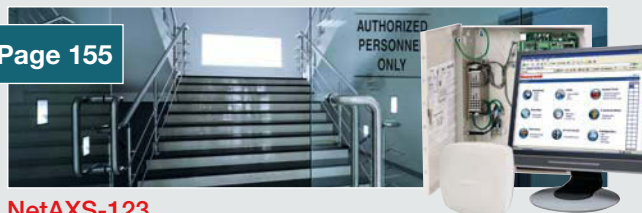
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### LYNX Touch 5100

The industry's most popular self-contained wireless control featuring a bright, full-colored touchscreen, 3G/4G communications, Wi-Fi and Z-Wave!

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### NetAXS-123

Simple, scalable and flexible, NetAXS-123 is a standalone, web-based access control system that's an affordable way for small to medium-sized businesses to secure a limited number of doors.

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### Video

Performance Series—a wide range of competitively priced, high-quality products that are easy to install and use.



## Honeywell Total Connect™

Honeywell's award-winning Total Connect Remote Services are a great way for you to earn more RMR while helping your residential and commercial customers stay connected to their homes and businesses whenever they want, wherever they are. And, we've taken it to a whole new level with exciting new options and features including enhanced video services, a dynamic new interface—even Z-Wave® temperature and lighting control!

### THIS SECTION INCLUDES:

- Total Connect
  - Security
  - Video
  - Push Content
  - GPS
  - Z-Wave
    - Locking
    - Lighting
    - Thermostat

*"Honeywell's Total Connect has helped differentiate us from other alarm companies in the area. It was easy to integrate into our existing services and our clients respond positively to its benefits, flexibility and how simple it is to understand and operate. Because it interfaces with the iPhone®, iPad® and other web-based apps, it allows us to demo the system at the client's location. Our clients have found this to be a tremendous help in understanding its capabilities versus just talking about the feature benefit scenario. It is truly a great product to offer and gives us another way to increase our RMR. We now average over \$40 per transaction."*

*Todd L. Harrison, Operations Manager  
—Atronic Alarms Inc.  
Kansas City, MO*



### Differentiate Your Business

Informed end-users are safer, more satisfied customers who are more likely to find value in their systems and maintain their accounts. Honeywell Total Connect Remote Services let your customers receive important alerts, view live, streaming video, stay connected to their homes and businesses and control their security systems remotely on the same mobile devices they use each and every day...whenever they want, wherever they are. It's a great way for you to reduce your attrition, increase your RMR and, in turn, increase the value of your business.

### Future-Proof RMR

Total Connect lets you keep your customers in the know whether they rely on mobile phones, traditional landlines or VoIP. Think of it as future-proof RMR! Your customers can:

- Control their security systems via a virtual keypad using any web browser on their smartphone or compatible mobile device
- Receive important alerts via their iPhone®, BlackBerry®, iPad®, Android™ and various other wireless mobile devices
- Be notified of activity in various areas of their homes or businesses
- Utilize video services to view activity occurring around the exterior or interior of their home or business

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All other trademarks are property of their respective owners.

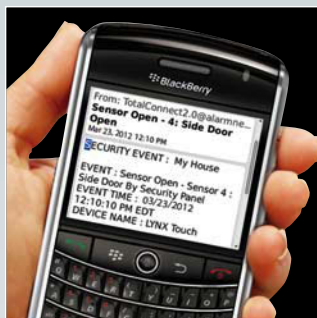


### Award-Winning Solution!



## UNIQUE USER AND EVENT-INITIATED SERVICES

### E-Mail Notification



Personal reporting of system events can be conducted via e-mail to compatible mobile wireless devices.

### Video Notification



When adding cameras to the system, a picture or series of pictures can be sent to a smartphone, cell phone or e-mail address upon an alarm or a pre-programmed event. The user can also view live, streaming video from a web browser or mobile device.



**Total Connect consumer site:**  
[www.mytotalconnect.com](http://www.mytotalconnect.com)



### Web-based Remote Control

- Controlled via a keypad on any PC-based web browser
- Provides the ultimate convenience, control and flexibility since end-users can log in from any remote location



### Mobile App-eal!

With the tap of a finger, your customers can now control their security systems, receive text messages and e-mail alerts and view live, streaming video, event-driven video clips and pictures of their homes and businesses remotely when using their laptops, smartphones or compatible mobile devices. They can even download free apps for their BlackBerry®, Android™ or Apple iPhone®, iPad® and iPod touch®!



Total Connect App is available for free download in Apple's iTunes App Store<sup>SM</sup>. Total Connect subscribers can download the BlackBerry app for free by logging on to their accounts. The Android app is available in Android Market.

Provides Direct  
Connection To  
The Keypad



- Easy to use
- Audio verification
- Real time visual status
- Quick arming, disarming and bypass



*"Total Connect really helps to differentiate our business and reduce attrition by giving us the ability to offer more services to our customers. Offering Total Connect has promoted positive communication and relationships with our customers. It has helped to make them raving fans! With Total Connect we can drive our brand and our marketplace."*

**Todd Julien, Director of Sales**  
—Doyle Security Systems, Inc.  
Rochester, NY

iPod touch is a trademark of Apple Inc.





## Picture the Possibilities

- Honeywell's IP cameras install easily with push-button enrollment. There is no IP addressing or firewall manipulation and no security risk to customer networks.
- Configuration is flexible, with no service required for premise router changes
- Your customers can view all cameras on a single screen or one at a time, selectively stream video, pan and tilt, cover multiple angles of a room or move cameras around the premises based on need
- Recording settings can be customized based on security events, video motion detection or schedules
- End-users can manage and view multiple locations over a secure network with one login—great for business owners or customers with vacation homes and investment properties

## Focus on Opportunity

If your customers have a laptop, smartphone or any web-enabled device, they've got everything they need to look in on their homes, families or businesses wherever they are with Total Connect Video Services. Your customers can record and store video clips, take snapshots, have pictures e-mailed to them upon an event—even view live, streaming video on up to six cameras at a time!

## Standalone Video

You can even offer a standalone video solution for customers who do not want a security system—all you need are cameras, an Internet connection and an AlarmNet® account. It's a great way to enhance end-user awareness and peace of mind while improving your opportunities to increase RMR and win new customers. Just picture what it can do for your business!



Event-driven video

Video look-in

*"We have standardized on Total Connect with all of our residential installations. We have built it into the package that we offer to homeowners. Total Connect and GSM radio have really improved our business. We don't have to deal with phone lines anymore and it has increased our RMR. It has been a home run for us."*

*Michael Ash, President  
—Garden State Fire & Security  
Alarm Co.  
Aberdeen, NJ*

### Homeowners

If your customers' homes could talk, what would they say? Whether a door has been opened, a valuable has been moved or a flood has been detected, Total Connect can tell them! All they need are their laptops or smartphones to stay in the know and stay in control. With Total Connect, if it's happening in their home, it's happening on their phone.



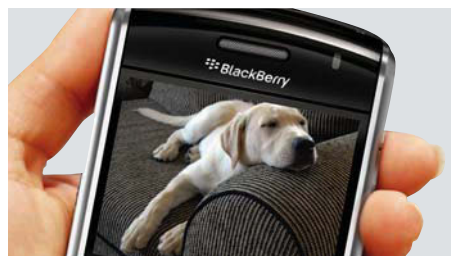
#### Homeowners can:

- Control their security systems remotely
- Know exactly when their security system has been armed or disarmed
- See when someone exits or enters their home with video
- Find out when motion is sensed in outdoor areas like pools, patios and driveways
- Protect indoor valuables like flat screen televisions, heirlooms, antiques and paintings from theft by receiving an alert when they have been moved or disturbed
- Instantly know if leaks or floods have been detected in laundry rooms, kitchens, bathrooms or basements
- Set up temporary codes for babysitters, housekeepers and guests
- Receive alerts for extreme temperatures, which can help indicate a power failure or problems with furnaces or air conditioners
- Schedule lights to come on at night or rotate indoor lights to make homes appear occupied
- Open garage doors for deliveries when away from home or see when a delivery has arrived via video



### Families

Whether your customers are looking to check up on the babysitter, check in on elderly relatives, keep up with their kids or just keep them close, Total Connect provides them with the ultimate peace of mind.



#### Family members can easily:

- View live, streaming video of nurseries and play areas any time of day to see how nannies or babysitters are interacting with their children
- Know if their children have arrived home safely from school—or if they haven't
- Know at a glance if a senior loved one has left the premises, taken their medication by a specific time or pressed a panic pendant to summon emergency help
- Receive alerts if off-limits areas like medicine, liquor or gun cabinets have been accessed
- View live video of their pets any time of day or get a text message, e-mail or video alert when the dog walker or pet sitter arrives or if they didn't show up
- Keep track of their kids' busy schedules and know when they come and go



## Businesses

Just because your customers are out of the office doesn't mean they have to be out of the loop. When they put Total Connect to work, they'll have the critical information they need to help manage their business, their employees and even the unexpected.



### Wherever they are, business owners can:

- Observe employee performance, productivity and behavior
- Know exactly what time their business opens in the morning and closes at night
- Supervise voids, resales and returns by monitoring cash registers with live video or recorded snapshots
- Protect inventory, avoid disruption of business and create a safer working environment by being alerted to floods and leaks
- Prevent food spoilage and protect inventory by knowing when extreme hot or cold temperatures have been detected
- Observe consumer shopping habits and activity
- Protect expensive merchandise, office equipment, electronics and other indoor valuables by receiving an e-mail or video clip when they have been moved or disturbed
- Find out what days are better for business by tracking exactly when customers enter or exit their establishments
- Manage high employee turnover by assigning and canceling access codes in an instant





Packed with dynamic graphics and exciting new features, Honeywell's Total Connect enhances the end-user experience—providing your customers with more convenience and control while reducing your operational burden. It's never been a better time to connect to opportunity!

## Total Connect

- Interactive dashboard
- Enhanced navigation
- Flash-based graphics
- Customizable look
- Simplified setup
- Flexible configuration
- Optional branding
- Future-ready



## Mobile

Smartphones now feature modern graphics, intuitive screens and a next-generation look and feel to simplify and enhance the end-user experience.



## Account Setup

With Total Connect, your customers can set up and manage their accounts, control their systems, add users, assign codes, control cameras and more all on their own with an easy-to-navigate menu—making life easier for them and for you!

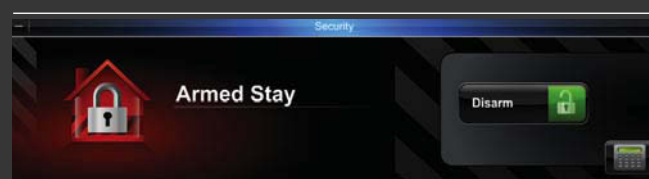
- Import full panel data
- No relay configuration required
- Per zone notification
- Per user notification





## Security

Total Connect features the easiest security system interface for your customers yet! Intuitive prompts and vivid graphic icons are easy to read, easy to understand and make operation a snap. Everything end-users need to control and manage their systems is viewable at a glance—including the keypad, status and zones.



- Icon-based functions
- Easy to use
- No training required
- Real-time control



## Multi-Site

The multi-site feature lets your commercial and residential customers view up to 100 multiple locations from one convenient login—great for franchise owners, real estate investors, vacation home owners and more. The hierarchal user structure lets the primary account holder add multiple users and customize access and settings for each one (e.g. employees, contractors, cleaning crews, babysitters, rental agents, etc.).



## User Management

- User names
- Assignable rights
- Notification preferences
- Multi-site access



- Single log-in up to 100 sites
- Graphics/photos to represent individual locations
- Hierarchical user structure





## Energy Management

Z-Wave® Energy Management is a great way to help your customers save money on their energy and utility bills, conserve resources and live more comfortable, efficient lifestyles.



## Lighting and Lock Control

Z-Wave Lighting and Lock Control lets your customers remotely monitor and control the locks to their homes or businesses wherever they are.

## Push Content

Push content can be a dynamic promotional tool—letting you reach out to your customers with messaging, advertising and specials as well as have the personalized content they want delivered right to their mobile phones.

- Custom Messaging
- Forecasts
- Alarm Event Scheduling



## GPS

- Vehicle Tracking
- Asset Tracking
- Geofencing





# Home and Business Controller

## Tuxedo Touch™

Honeywell's Tuxedo Touch is a magnificent, 7" high-resolution graphic touchscreen that provides you with the easiest, most affordable way to tie all of the technology in your customers' homes and businesses together—including security, cameras and Z-Wave® enabled thermostats, lights, locks, thermostats and shades.

The result? You'll make your customers' homes and buildings more comfortable and efficient and your business more profitable for a fraction of the price of other automation solutions.

### THIS SECTION INCLUDES:

- Security
- Built-in Web Server
- Z-Wave Enabled Thermostats, Lighting, Locks and Shades
- Setting Scenes
- On-Premises Video
- Digital Picture Frame
- Integrated Honeywell Total Connect™

*"Tuxedo Touch is a great system, intuitive, easy to use and feature rich."*

*Ralph Sevinor, President  
— Wayne Alarm Systems  
Lynn, MA*

# Home and Business Controller | TUXEDO TOUCH™

## Tuxedo Touch A Brilliant Way to Build Your Business

Incorporate lifestyle and security with Honeywell's exciting new Tuxedo Touch. A great way to build your business, the state-of-the-art home and building controller provides you with an affordable way to offer your customers control of their security system, cameras and Z-Wave® enabled thermostats, lights, locks and shades with unprecedented ease—all from one brilliant, 7" graphic touchscreen. Plus, a built-in web server gives users the ability to control the system using Wi-Fi-enabled devices like smartphones, tablets, PCs and web-enabled TVs.

**Get in touch with a brilliant new opportunity today!**



### Security

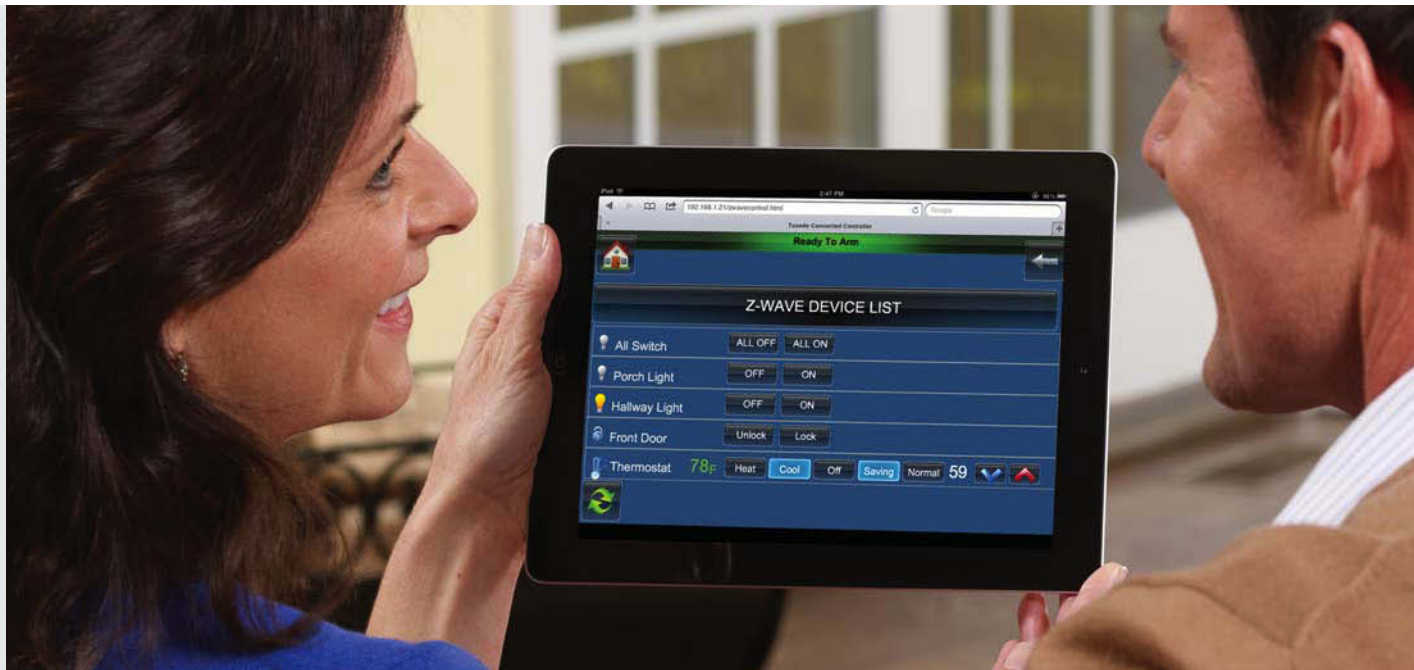
- Whether arming or disarming the system, bypassing zones, accessing the event log or controlling lights and appliances, graphic icons make security intuitive and simple
- Icons are immediately recognizable by function to make operation crystal clear whether using the touchscreen, PC, iPhone®, iPad®, BlackBerry®, Android™, web-enabled television or other compatible device
- Graphics and words are easy to read and easy to see on the bright, crystal clear screen—reducing end-user training time
- 24/7 video surveillance accessible on the keypad, TV or touchscreen on premises

- Available in English, French Canadian, Portuguese and Spanish
- Can announce the type and location of an alarm\*

\*Voice announcement option available in English language only.



# Home and Business Controller | TUXEDO TOUCH™



## Built-in Web Server

A built-in web server lets your customers control Tuxedo Touch anywhere in their home or facility on an iPhone®, iPad®, Android™, BlackBerry®, web-enabled TV or any compatible wireless mobile device.



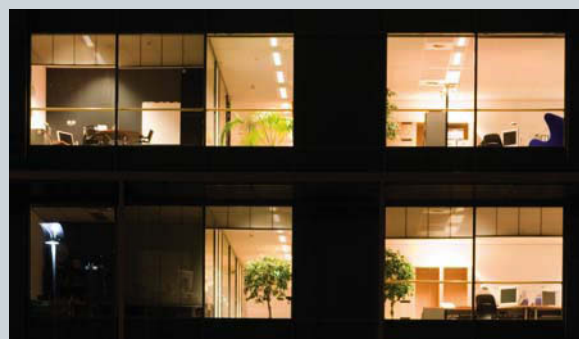
## Z-Wave Thermostats

Thermostats can automatically adjust every time your customers arm or disarm their security systems—letting them enjoy comfort and savings without having to adjust their daily routines. Users can control temperature locally from the Tuxedo Touch keypad or remotely when using Total Connect Remote Services.\*

*\*Z-Wave remote control coming soon.*

## Z-Wave® Lighting

Homeowners can turn select indoor and outdoor lights on or off every time they arm or disarm their security systems—a great way to save money and energy when they're away and enter a comfortable, well-lit home when they return. Business owners can automate lights that come on at dusk and shut off at dawn or control according to time of day or day of the week. Users can control lighting locally from the Tuxedo Touch keypad or remotely when using Honeywell Total Connect™ Remote Services.\*





# Home and Business Controller | TUXEDO TOUCH™



## Z-Wave Locks

End-users can lock and unlock their doors wherever they are on premises or automatically when arming and disarming Tuxedo Touch. They can also use the keypad on the lock to disarm their system. Users can do this remotely when using Honeywell Total Connect™ Remote Services.

## Z-Wave® Shades

Shades in homes and businesses can be automated for privacy and security by raising and lowering them at specified times. It's also a great way to reduce sun glare on computer screens and enhance workplace comfort.



## Weather

View local weather right on the homescreen!



## Setting Scenes

Tuxedo Touch makes it easy to set scenes that occur on a regular basis through Z-Wave technology. For example, commercial customers can lock and unlock doors on a schedule for daytime employees and at a specific time after hours for maintenance workers. Residential customers can unlock the front door for a babysitter or housekeeper at the same time every week, set the lights to turn on when their security alarm sounds, turn down the temperature when they leave the house and more.

# Home and Business Controller | TUXEDO TOUCH™

## On-premises Video

End-users can view live, streaming video feeds from up to four cameras around the premises on the touchscreen, smartphones, tablets or televisions.



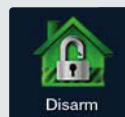
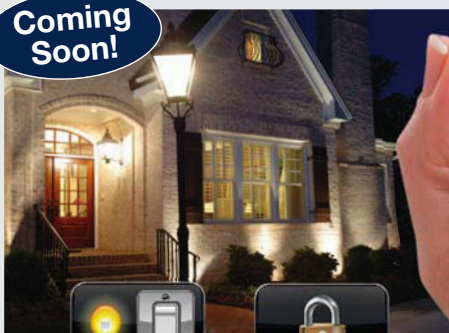
## Digital Picture Frame/Communications Tool

- Business owners can post employee announcements, advertise sales and more
- Homeowners can showcase photos in style and create cinema-quality slideshows
- Homeowners can play personal videos and business owners can play commercials from an SD card right at the touchscreen

## Honeywell Total Connect™ ...Now with Z-Wave®!

Total Connect Remote Services lets your customers control their security systems, lights, thermostats and locks from any remote location. It's a great RMR opportunity and a great way to help your customers save money, conserve energy and live more comfortable lifestyles. The function icons look and operate exactly like the ones on Tuxedo Touch.

Coming Soon!





# Home and Business Controller | TUXEDO TOUCH™



*"Tuxedo Touch is the best innovation Honeywell has released in a decade. It is a high resolution keypad for Honeywell's VISTA® panel line up and so much more! It can hold high resolution pictures on an SD card, enabling users to run a slide show or choose a favorite picture to display on the screen. It is also a Z-Wave® controller, allowing the user to control lighting, door locks and thermostats."*

**Douglas Peterson, CTO**  
—Advantech, Dover, DE



## TUXW/TUXS

### Color Graphic Voice Touchscreen Security and Controller Keypad

- New enhanced GUI with graphics and icons that make operation a snap
- 7" high-resolution, widescreen touchscreen display that shows images in eye-popping detail
- IP connectivity at keypad
- Video on keypad – front door/perimeter protection/awareness
- Home control of lights, door locks, thermostats and shades through Z-Wave®
- Energy management through thermostat control and E-Mon submeter
- Weather on keypad
- Built-in web server
- Embedded sales and training videos
- New, more appealing plastic design
- Digital picture frame feature to display family photos or video
- Two color options (white and silver on black)
- Customize homescreen with dealer logo to increase brand awareness
- Choice of four languages (English, French, Portuguese and Spanish) open new markets
- Voice annunciation of type and location of alarm (English only)

## TUXWIFIW/TUXWIFIS

### Color Graphic Voice Touchscreen Security and Controller Keypad with WIFI

- Wi-Fi built-in for easy Internet communication. No need to run a CAT5 connection to the keypad.
- All the same features as the Tuxedo Touch (TUXW/TUXS)



# Home and Business Controller | TUXEDO TOUCH™



Tuxedo Touch is a VISTA® security keypad with a built-in Z-Wave® controller and web server. It uses Z-Wave technology to control lights, locks and thermostats for a full lifestyle and energy management solution. The built-in web server of Tuxedo Touch gives users the ability to control their system and view IP cameras using their Smartphone, PC or electronic tablet in the home or business. Integration of the security keypad with the controller adds the ability to create scenes that automate system functions such as controlling Z-Wave lights, locks and HVAC based upon system operation, such as arming and disarming. Z-Wave locks can even change security system status. Scenes can be initiated by security system operation either locally at the keypad or remotely through Honeywell Total Connect™.

### **ZWSTAT** **Z-Wave® Thermostat**

Honeywell, the number one choice of homeowners and the world's leading brand for temperature control, continues their tradition of excellence and quality with the ZWSTAT Z-Wave® Thermostat. ZWSTAT communicates with the 5800ZBRIDGE Z-Wave Energy Management Module to enable automatic control with Honeywell's leading security systems, making it an ideal addition to any Z-Wave connected home or building.



#### **Adaptive Intelligent Recovery**

Allows the thermostat to “learn” how long the furnace and air conditioner take to reach programmed settings, so the temperature is reached at the scheduled time.

#### **Keypad Lockouts**

Optional “range stops” can be created to keep temperature settings limited to a minimum/maximum setting—ideal for retail and residential applications where employees and children may attempt to adjust thermostats.

#### **Reminders**

ZWSTAT can alert homeowners to clean and change air filters and humidifier/dehumidifier filters and pads—helping to maximize performance and efficiency while conserving energy.

#### **Auto Change Over**

ZWSTAT can automatically change between heating and cooling based upon indoor temperature. As a result, the homeowner will not have to manually change the thermostat to turn on the heat during early morning cool periods and turn off the heat during warmer periods of the day.

#### **Fan Circulation**

The fan circulation feature moves air when heating or cooling is not required—saving energy and helping to eliminate hot and cold spots.





## Alarm Communications

Honeywell's communications solutions include a complete range of products and services to address the needs of residential, commercial, burglary and fire applications.

Honeywell's AlarmNet® has been the nationwide leader in alarm communications technology since 1986. A reliable alternative for the transmission of alarm signals, our networks utilize multiple technologies to provide fast, secure and highly reliable communication.

### THIS SECTION INCLUDES:

- Communications Services
- Web-based Tools
- GSM Digital Network Solutions Featuring Honeywell IntelliPath™
- Remote Services
- Antennas and High Security
- Communicators/Receivers
- Fire
- Video Solutions
- Central Station Solutions

*"As a wholesale monitoring station, we work closely with AlarmNet. When we had concerns about an unexpected change with our static IP address, we immediately called them and within four minutes we had a response. They assured me – we didn't need to take any action at all. Honeywell's AlarmNet system acts as a clearing house, which eliminates these kinds of potential problems."*

*Randy Trca, Operations Manager  
—Strategic Defence Inc  
New Westminster, B.C. Canada*



## AlarmNet®

At Honeywell, we know it's critical to be prepared for today's communications challenges. Count on AlarmNet products and services. With over 750,000 successful installations, you can be confident that our end-to-end solutions make sure signals get through whether your customers rely on mobile phones, VoIP or POTS lines. Plus, you'll have more opportunities for RMR thanks to Honeywell Total Connect™ Remote Services and two-way voice!



*AlarmNet Command Center*

Honeywell's AlarmNet provides communications solutions for residential, commercial burglary and commercial fire applications, supported by a variety of products and services. AlarmNet is the security industry's only nationwide communications provider that delivers a complete range of options for supervised alarm signal transport applications.

## ALARMNET® SOLUTIONS

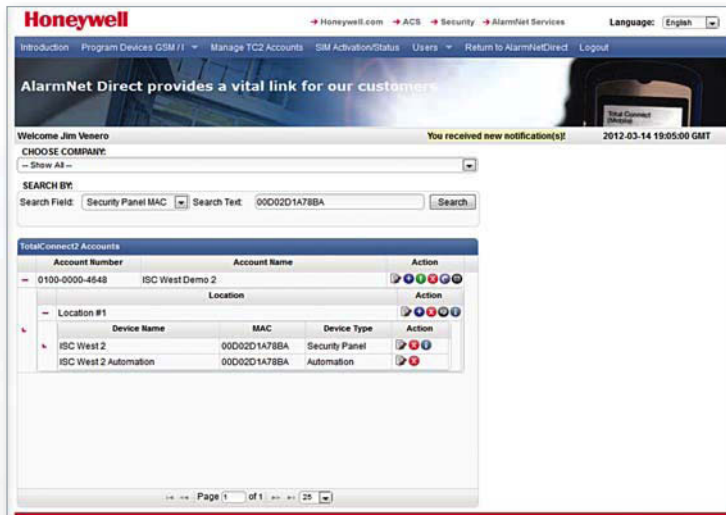
With changes in technology come changes in lifestyles. Often these changes can present new challenges, but at Honeywell we see these as new opportunities. We've developed a suite of communications services that offer groundbreaking solutions that pave the way for you to increase your RMR, and in turn, increase the value of your business.

These unique, value-added services provide your existing and new customers with many exciting options for system control and notification that are not available from any other alarm communications provider.



## AlarmNet® Direct's "NEW" Look and Feel

We are proud to present our newly constructed website, which includes intuitive tools and a configuration wizard for the daily maintenance of your AlarmNet accounts. This new sleek design is fast and easy to use and includes many new features. Use it anywhere, anytime – even on the go!



## → Signing Up is Easy!

To gain access, you may request log-in credentials from your central station or sign up online.

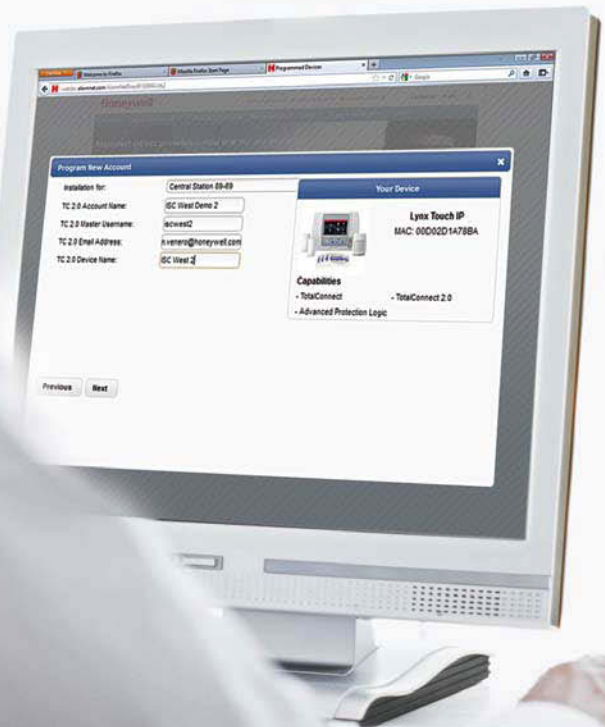
- Visit the AlarmNet Direct website: <https://services.alarmnet.com/AlarmNetDirect>
- Complete the form to establish log-in credentials
- Only one sign-up per dealer company is necessary; additional log-ins may be created by the initial user
- For validation purposes, provide valid city/central MAC ID and MAC CRC from communication devices

AlarmNet Direct is now compatible with all major browsers.

You can now access the website remotely via your iPhone®, BlackBerry® or Android™ device.

Faster and easier access to information – all your information in just one search.

Now featuring multi-language capabilities – English, French, Spanish and Arabic.





# Alarm Communications

WEB-BASED TOOLS

www.alarmnet.com

## New AlarmNet® Direct

The image displays three overlapping screenshots of the Honeywell AlarmNet Direct web application. The top screenshot shows the 'Program New Account' page with fields for account details, supervision, service level, and device information. The middle screenshot shows the 'Device Status' page with a table of device status and a 'Device History' table. The bottom screenshot shows the 'Alarm History' page with a table of alarm events.

**Program New Account**

**TotalConnect with Alarm Reporting**

**Account Details**

Primary City ID: 89  
Primary CS ID: 69  
Primary Subscriber: 1109  
GSM/Ethernet MAC: 00d02d1a78ba  
GSM/Ethernet CRC: 7140  
WIFI MAC:  
WIFI CRC:

**TotalConnect**

TotalConnect 2.0

**TotalConnect 2.0 Account Setup**

Create New Account

**Lynx Panel Version**

5100 Series

**TotalConnect**

TotalConnect 2.0

**TotalConnect 2.0 Account Setup**

Create New Account

**Lynx Panel Version**

5100 Series

**Automation Service Plan**

Automation Svcs Enhanced

**Advertising Services**

Advertising

**Supervision**

None

**Enable Advanced Protection Logic**

No

**Service Level**

Total Connect Premium

**TotalConnect 2.0 Account Information**

Central Station 89-69  
TC 2.0 Account Name: ISC West Demo 2  
TC 2.0 Master Username: isctest2  
TC 2.0 Email Address: jim.venero@honeywell.com  
TC 2.0 Device Name: ISC West 2

**Z-Wave Device**

**TotalConnect 2.0 Account Information**

Central Station 89-69  
TC 2.0 Account Name: ISC West Demo 2  
TC 2.0 Master Username: isctest2  
TC 2.0 Email Address: jim.venero@honeywell.com  
TC 2.0 Device Name: ISC West 2

**Z-Wave Device**

Yes

**Information Services**

Information Enhanced

**SIM Notification Email Address**  
(Optional - Only for devices which require SIM Activation)

**Device Status**

You received new notification(s)!

2012-03-16 13:18:41 GMT

Device ID: 00D02D1A78BA5

Device Name: 7478

Alarmnet I

Lynx Touch IP

Active since 2012-03-12 20:55:04 GMT

2012-03-13 18:18:09 GMT

2012-03-14 17:33:41 GMT

2012-04-13 17:33:41 GMT

Normal

**Alarm History**

Device ID	Heard on (GMT)	Alarm	Description	Origin
00D02D1A78BA5	2012-03-14 17:34:11	134100970	E-341-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-13 19:08:19	357010020	R-570-Zone/Sens Alarmnet I Wired	
00D02D1A78BA5	2012-03-13 19:07:47	157010020	E-570-Zone/Sens Alarmnet I Wired	
00D02D1A78BA5	2012-03-13 18:36:00	134100970	E-341-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-13 18:33:45	133900030	E-339-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-13 18:18:43	133900030	E-339-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-13 18:17:03	133900030	E-339-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-13 18:11:46	133900030	E-339-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-13 15:23:04	133900030	E-339-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-12 21:49:37	133900030	E-339-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-12 20:55:36	133900030	E-339-Exp. Modul Alarmnet I Wired	
00D02D1A78BA5	2012-03-12 20:55:34	000001900	Substitution or Re-Alarmnet CME	

**QOS Data**

Received on (GMT)	Line(V)	Batt(V)	RecLut	Max Sig.	Max Sig.
2012-03-13 18:44:44	NA	NA	NA	NA	NA
2012-03-13 18:18:15	NA	NA	NA	NA	NA
2012-03-13 18:16:07	NA	NA	NA	NA	NA
2012-03-13 15:27:25	NA	NA	NA	NA	NA
2012-03-12 21:53:57	NA	NA	NA	NA	NA
2012-03-12 20:55:08	NA	NA	NA	NA	NA

**Program New Device GSM/I**

With just a few entries and the click of a button, new devices are programmed (ECP connection and standard supervision). "Advanced Programming" allows for non-standard installation.

# Alarm Communications

NETWORK SOLUTIONS

FLEXIBLE COMMUNICATIONS

Designed to Maximize Your Profitability

## IntelliPath™ Technology

Finds the best signal path,  
whether 2G, 3G or 4G!



### 4G Radio

Longest Communication Lifespan



### Lowest Cost

Internet Connectivity

### Free!

Honeywell Total Connect™  
Basic Service Over IP



## Increase the Value

of Your Accounts with Honeywell

- Best-in-class communications
- Extended life wireless communication
- Broad range of value-added services
- Lowest cost for remote services
- Maximum operational efficiency/  
low post-sale support

## Honeywell Total Connect™ Remote Services

Internet or Radio Service Options  
Flexible/Cost Effective Rate Plans

End-to-End Flexibility To Meet Your Business Needs



## ADVANCED COMMUNICATIONS PRODUCTS



GSMX4G Digital Cellular Communicator shown.

**Honeywell brings you the most robust communications products available, developed with the highest level of reliability and with the future in mind.** Our groundbreaking solutions such as IntelliPath™ with 4G, Dual-Path and Triple-Path Technology increase the reliability of security communications so signals can get through. Install a radio on every job!

### IntelliPath Series GSM Communicators

Honeywell's exclusive IntelliPath technology automatically finds the best signal path in the area, whether 2G, 3G or 4G.

#### **GSMX4G 4G**

##### **Digital Cellular Communicator**

Today's communications challenges demand an alternative to POTS demise, unreliable VoIP, and cell-only homes. Honeywell's GSMX provides a communication solution to meet these challenges.

- Compatible with Honeywell's VISTA® control panels via ECP
- Web-based programming
- Honeywell Total Connect™ remote service ready
- Hinged cover for ease of installation
- Residential listing
- Flexible, labor-saving design; mounted on the cabinet or remotely
- No separate transformer required
- Operates off control panel's power supply and backup battery
- Dual-Path GSM Technology with GPRS and SMS
- Two-way voice transport—GSM voice channel able to allow two-way voice session in conjunction with an audio verification system (AVS)
- Supports upload/download of Honeywell's VISTA control panels

#### **GSMV4G 4G**

##### **Digital Cellular Communicator with Two-way Voice Transport Capability**

- Remote service capability offers optional Total Connect web-based or SMS control plus e-mail notification of system events
- Dual-Path Technology using GPRS (General Packet Radio Service) as primary digital cellular path and automatically switches to SMS (Short Message Service) as required
- Upload/Download with select Honeywell control panels
- Two-way voice transport—GSM voice channel able to allow two-way voice session in conjunction with an audio verification system (AVS)
- Universal control panel compatibility
- Six Input Zones configured for +V, -V or EOLR triggering, providing seven zones
- Dialer capture ready using Honeywell Dialer Capture Intelligence Device DCID (for LYNX) or DCID-EXT (other control panels)
- Full Contact ID or ADEMCO High-Speed Reporting
- Tamper protected enclosure
- Built-in power supply (transformer included)
- Back-up battery for up to 24 hours of standby operation (battery included)
- Web-based programming using AlarmNet® Direct
- Enhanced remote services such as virtual keypad emulation, text messaging and e-mail notification

### Internet and GSM Communicator

#### **iGSMV4G 4G**

##### **Internet and Digital Cellular Communicator**

The iGSMV4G combines the Internet communicator with a GSM radio in one convenient device. Our exclusive triple-path communications solution delivers added reliability and an extra level of security. Triple-Path Technology provides three paths of communication using the Internet, GPRS and SMS. The Internet is the primary and least costly way to communicate. Should the Internet be unavailable, the unit can communicate using the GSM network.

- Remote service capability offers optional Total Connect web-based or SMS control plus e-mail notification of system events
- Triple-Path Technology using Internet, GPRS (General Packet Radio Service) and SMS (Short Message Service)
- Upload/Download with select Honeywell control panels using Internet or GPRS
- Two-way voice transport—GSM voice channel able to allow two-way voice session in conjunction with an audio verification system (AVS)
- Universal control panel compatibility
- Six Input Zones configured for +V, -V or EOLR triggering, providing seven zones
- Dialer capture ready using Honeywell Dialer Capture Intelligence Device DCID (for LYNX) or DCID-EXT (other control panels)
- Full Contact ID or ADEMCO High-Speed Reporting
- Tamper protected enclosure
- Built-in power supply (transformer included)
- Back-up battery for up to 24 hours of standby operation (battery included)
- Web-based programming using AlarmNet Direct
- Enhanced remote services such as virtual keypad emulation, text messaging and e-mail notification

# Alarm Communications

REMOTE SERVICES

## HONEYWELL TOTAL CONNECT™ USER-INITIATED AND EVENT-INITIATED SERVICES



### ■ Remote System Control

Users can control the system and receive information through any text messaging device such as a smartphone or mobile phone.

This service allows the user to:

- Request system status
- Arm or disarm
- Bypass specific zones
- Control outputs

### ■ Web-based Remote System Control

Through any web browser on a PC, smartphone or web-enabled cell phone, the system can be controlled with a virtual keypad. Anything that can be done on a real keypad can be done on the virtual keypad.



### ■ Notification of System Events

For customers who require more personal reporting and a more customized communications solution, you can now offer reporting of a wide variety of system events over laptops, smartphones or other compatible wireless devices. In addition to system status, users can be notified of activity in various areas of the home or business, including:

- A gun cabinet
- A kitchen cabinet with household chemicals
- A liquor cabinet
- Doors to restricted areas
- Confidential file drawers
- Locations containing controlled substances



### ■ Video Services

Can you imagine the value you will bring to your customers when you offer them the ability to see what is going on in their home or business while they are somewhere else? Consider the business owner who's on vacation but still needs to "mind the store," the working parent who wants to keep an eye on the babysitter, or the adult child that wants to check up on a grandparent in another city. The possibilities are endless!

End-users can view live, streaming video on up to six cameras at a time with or without a security system. A picture or series of pictures can also be sent to a smartphone, mobile phone or e-mail address upon the occurrence of an important event.

*For more comprehensive information see the Total Connect section.*

## GSM ANTENNAS

**Honeywell offers remote antennas designed to increase GSM signal transmission capability.**

These durable, low-profile antennas are designed to allow flexible integration with GSM communications devices.

The GSM-ANT Indoor Fixed Length Antenna is designed for indoor use. It comes with 10 feet of RG-174 cable and mounting hardware for ease of installation. The GSM-ANT3dB Weatherproof Remote Antenna optimizes transmissions with field diversity technology. The versatile, weatherproof design is suitable for both indoor and outdoor applications.



### GSM-ANT

#### Fixed Length Indoor Antenna

- Electrical Specifications
- Frequency Range: 824-896 MHz  
1850-1990 MHz
- Average Gain: 1 dB
- Maximum power: 100 W
- Nominal impedance: 50 ohms
- Pattern: Omni Directional
- Termination: SMA Male
- For Indoor Use Only



### GSM-ANT3DB

#### Weatherproof Remote Antenna

- Electrical Specifications
- Frequency Range: 824-896 MHz  
1850-1990 MHz
- Average Gain: 3 dB
- Maximum power: 100 W
- Nominal impedance: 50 ohms
- Pattern: Omni Directional
- Termination: N Female
- Operating Temperature: -40° C to 85° C  
(-40° F to 185° F)
- Fully Weatherproof for Outdoor Application

#### AVAILABLE PACKS:

**GSM3DBKT** includes:  
GSM-ANT3DB antenna and  
WA7626-CA SMA to N  
adaptor cable

**GSM3DB25KT** includes:  
GSM-ANT3DB antenna,  
WA7626-CA SMA to N adaptor  
cable, 25 foot coax cable

**GSM3DB50KT** includes:  
GSM-ANT3DB antenna,  
WA7626-CA SMA to N adaptor  
cable, 50 foot coax cable

## HIGH SECURITY



### iGSMHS4G 4G High Security Communicator

- Line security
- Full contact ID or ADEMCO® high-speed reporting\*
- 256-bit AES encryption
- Dual-Path Technology
- Upload/Download\*
- Quality of Service diagnostics
- Web-based programming
- Six input zones
- Remote services capability\*†

\*Applicable with Honeywell VISTA® control panels.

†Service subscription required.



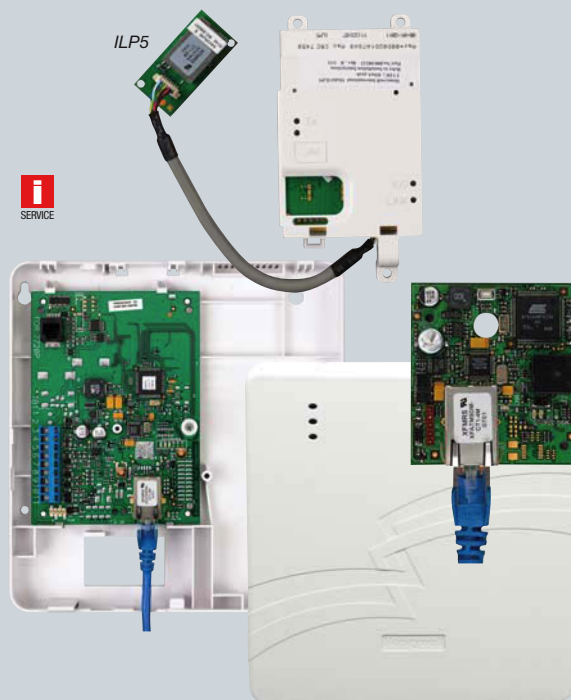


## COMMUNICATORS/RECEIVERS

### 7847i/7847i-L ILP5

#### IP Communicators

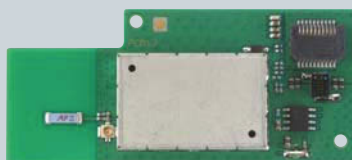
- Snap-on design for ease of installation in the LYNX Plus (7847i-L only)
- Secure IP reporting
- Dialer Capture ready
- Universal control panel compatibility
- Full contact ID or ADEMCO high speed reporting
- Six input zones (7847i only)
- Tamper protected enclosure
- Remote services capability
- Network friendly
- Upload/download capability
- UL listed
- Dimensions: 8-2/5" x 8" x 1-1/2"



### GSMVLP4G/GSMVLP5-4G 4G

#### Digital Cellular Communicator for LYNX Plus/LYNX Touch

- Two-way voice capability
- No power supply required
- Snap-in module allows for quick and easy installation of the GSM module directly into the LYNX Plus/LYNX Touch
- Full contact ID
- 256-bit AES encryption
- Dual-Path Technology
- Upload/download capability
- Dynamic signaling
- Diagnostic LEDs
- QOS—Quality of Service diagnostics
- Web-based programming
- Intelligent supervision
- Remote services capability (optional)



### L5100-WIFI

#### Wi-Fi IP Communication Module for L5100

- The most cost effective solution for alarm communications transport and remote service capability
- Wi-Fi 802.11 B/G/N compatibility
- Secure wireless connection to the Internet for alarm reporting, content and remote services
- Eliminates the need to run and connect an Ethernet cable for Internet access



### VISTA-GSM4G 4G

#### Snap-in Digital Cellular Communicator Module

- Snap-in module allows for quick and easy installation of the GSM module directly into VISTA®-21iP panels
- Upload/download capability
- No power supply required
- Remote services capability (optional)
- Full contact ID or ADEMCO high-speed reporting
- 256-bit AES encryption
- Dual-Path Technology
- Dynamic Signaling
- Diagnostic LEDs
- QOS—Quality of Service diagnostics
- Web-based programming
- Intelligent supervision

# Alarm Communications | FIRE

## FIRE COMMUNICATORS



**For fire protection with a cost savings connection, count on Honeywell's fire radios.** Since you can choose versions that require one — or even eliminate — dedicated phone lines, you'll pass on considerable savings to your customers while providing them with the highest level of protection possible.



### **iGSMCFP4G 4G** Commercial Fire Digital Cellular Communicator with Internet

- UL864 approved
- Standalone device
- Universal control panel compatibility
- Six input zones
- Full contact ID or ADEMCO high-speed reporting
- Tamper protected enclosure
- Backup battery
- 256-bit AES encryption
- Dual-Path Technology
- Upload/download capability with select Honeywell control panels
- Dynamic signaling with certain Honeywell control panels
- Diagnostic LEDs
- QOS – Quality Of Service diagnostics
- Web-based programming
- Intelligent supervision
- Triple-Path Technology

## VIDEO SOLUTIONS



### **IPCAM-WI2/IPCAM-WI2B** Wired/Wireless IP Cameras

- Compatible with Total Connect Remote Services
- Wired or wireless Internet connectivity
- Compact portable design
- Easy, plug-and-play installation



### **IPCAM-PT** Wired/Wireless Pan/Tilt IP Camera

- Compatible with Total Connect Remote Services
- Wired or wireless Internet connectivity
- Remote pan/tilt capability



### **IPCAM-WO** Wired/Wireless Outdoor IP Camera

- Compatible with Total Connect Remote Services
- Wired or wireless Internet connectivity
- Compact, portable design
- Weather-resistant (IP65 rated housing)
- Easy, plug-and-play installation



### **ACU** Analog Converter Unit

- Compatible with Total Connect Remote Services
- Use any analog camera with Total Connect Video Services
- Analog to digital converter



### **WAP/WAP-PLUS** Wireless Access Point

- 802.11 G/N Wi-Fi protocols
- Supports Total Connect video applications
- Optimized for video streaming
- Enhanced network security
- Simple configuration using Wi-Fi Protected Setup (WPS)
- Installer configurable (WAP-PLUS only)



## RECEIVERS

### MX8000

#### Central Station Receiver

##### Hardware

- Supports up to a maximum of 12 line cards (tri-line\*, Long Range Radio or single line)
- Line card device information is stored in the Master CPU allowing for faster removal and replacement (hot swapping) of line cards
- On-board touchpad for manual operation and programming
- Easy-to-read, four-line, 20-character display
- LEDs indicate system operation and programming Central Station Receiver

##### Software

- Programmable display options for time and date information
- View or print the history information by priority or by call or by event
- Two user profiles to control user access to the receiver
- Supports up to 40 users
- Listen-in accounts support wild card variables and contact ID listen-in follow feature

*\*Where the three lines operate independent of each other.*



### MX8000-3

#### Central Station Receiver with Tri-Line Card

### MX8000-LC1

#### Single-Line Card

### MX8000-LC3

#### Tri-Line Card

### MX8000-LRR

#### Long Range Radio Card



### 7810iR-ENT

#### Internet Receiver

- Internet or Private Network Applications
- Compatible with all AlarmNet® services
- AlarmNet Network Control Center can route A, M, C or i service signals to the 7810iR-ENT receiver
- 1,024-bit or AES 256-bit encryption
- Easy Cat5 connection to a hub or router
- Installs behind firewalls without compromising network security
- Programs via the touchscreen display
- Two-way authentication using encryption
- May be interfaced directly with the central station automation package
- Can be viewed remotely with proper authorization
- Dimensions: 5-3/4" H x 8" W x 1-1/4" D

# Security NetWorkings

by David Engebretson, Contributing Technology Writer



## MONITORING

### Remote IP Video Storage with a Mobile Twist

Everywhere I go I see people on the street and in their cars, “app”ing away at various iPhone and Droid handheld Internet devices. Yes, I have iPhone envy. I watch the stock of Apple shoot to the moon, and wonder how I missed the boat. But I just can’t pull the trigger and dump my battered old Nokia phone, primarily because it actually survived a complete washing machine cycle in the pocket of my cargo shorts.

But I’m in the minority. There are projections that by the end of 2010, Apple alone will have sold more than 45 million iPhones worldwide. Add in the sales of Droid and BlackBerry devices, and the future is clear. The time will soon be here when more people will use wireless networks to access the Internet than traditional desktop and laptop PCs.

When an astute security dealer looks at the future, he or she realizes that Internet connectivity for alarm signaling and remote control of devices will be mandatory as POTS — plain old telephone service — fades from the scene. While some fear the future, smart dealers will see the opportunity to up-sell existing and new customers on using their mobile Internet device to control their alarm system(s).

And the coolest and easiest technology to sell is live and stored remote IP video. Who doesn’t want to be able to watch their child/dog/boat/office from anywhere on the Internet, iPhone or laptop, along with recorded video of specific events such as a safe being opened?

This is a visual and visceral sale which will dazzle prospective clients just by the salesperson firing up their handheld device, calling a camera, and showing it to the customer. A picture (or video clip) is now worth more than 1,000 words; it is worth \$\$\$ in sales.

Honeywell has leveraged its AlarmNet® communications network to provide one of the easiest to install and sell remote IP video cameras to hit the market. The IPCAM-PT is the first of a number of video devices that Honeywell’s Total Connect will soon be rolling out, with each device allowing the viewing of live and recorded video over the AlarmNet network.

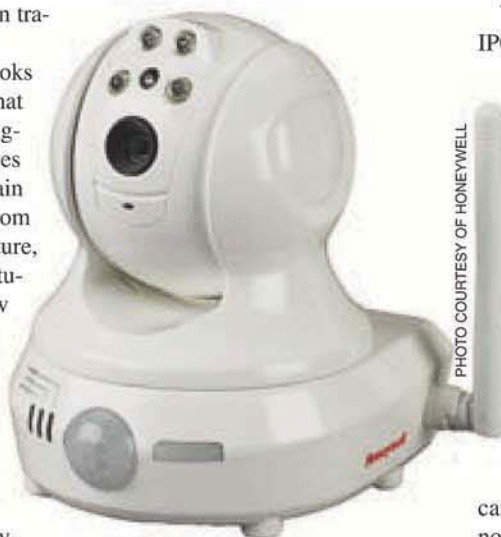


PHOTO COURTESY OF HONEYWELL

*Honeywell’s new IPCAM-PT requires no technician programming for a typical wired IP LAN installation.*

Providing pan-tilt and LED lighting, the IPCAM-PT can be connected to wired and wireless LANs in less than five minutes. Two steps are required: first, contact your AlarmNet central station and have them set up a video Total Connect account; you provide the MAC address(es) from the cameras that you’ll be installing. The MAC is on the box and on a sticker on the cameras themselves and up to six cameras can be connected to a single video Total Connect account. AlarmNet will e-mail the link to “Total Connect” and a temporary user name/password to you.

The second step is to wire the camera into your client’s LAN via Cat5e, and plug in the power supply. The client’s router must be enabled for DHCP addressing, which is commonly default programmed “on” with standard D-Link/Belkin/Linksys routers. When the camera does its initialization dance, panning and tilting through its complete range of motion, then you’re done.

Wireless setup is trickier, as the IPCAM-PT will only work on a Wi-Fi access point that has a WPS (Wi-Fi Protected Services) activation button. Honeywell sells an inexpensive Wi-Fi access point that can be added to the client’s existing network quickly and allow near-instant wireless programming and connection of the cameras.

The beauty of the IPCAM-PT is that it is preprogrammed to contact the AlarmNet network. Because the camera calls the network over the Internet, no port forwarding or firewall manipulation is needed. What the camera is doing in network terms is no different than when you sit at your PC and type [www.sdmmag.com](http://www.sdmmag.com) into your Web browser. The SDM Web site comes to you from over the Internet,

David Engebretson is the president of Slayton Solutions Ltd., Chicago, providing online and instructor-led training on fiber optics and networking electronic security systems. His latest book, *Technician’s Guide to Physical Security Networking: Enterprise Solutions* is a fully illustrated manual describing high-end IP physical security applications. Visit [www.slaytonsolutionsltd.com](http://www.slaytonsolutionsltd.com) for ordering information.

## NOTES:

This image shows a blank sheet of white paper with horizontal blue ruling lines. A single vertical red line runs down the left side of the page, creating a margin. The lines are evenly spaced and extend across the entire width of the page. There is no handwriting or other markings on the paper.





## Control Panels

From the most basic residential to high-end commercial applications, there is a Honeywell control panel to satisfy any installation requirement. Offerings range from feature-rich residential controls to robust commercial fire and burglary panels that seamlessly integrate with access control and video systems, and offer a wide range of protection devices, radio and Internet communications options. Plus, VISTA® controls are a vital part of Honeywell's connected home and building solutions—interconnecting security technology with other systems that provide benefits such as enhanced convenience, automation and energy savings to end-users while increasing your RMR.

### THIS SECTION INCLUDES:

- Honeywell's LYNX Touch
- Honeywell's LYNX Plus
- Honeywell's VISTA Line
- Feature Charts
- Software

*"My salespeople are excited about LYNX Touch because it gives them the tools now that they never had before to close more sales and close bigger sales. My technicians love it because it is so easy to install and so easy to program. Now they are in and out of the home in a couple of hours where before they may spend a half day to a day in the home. It's a win-win deal all the way through."*

*Russ Ackerman, District Sales Director  
—Certified Security, A Vector Company  
Jacksonville, FL*

NEW!



## New Technology Breakthrough from Honeywell!

### LYNX Touch 5100

The industry's most popular self-contained wireless control now features 4G/Wi-Fi alarm communications, Android™ tablet with L5100 Connect and Z-Wave® home automation.

**No other system can touch it!**

- **Breakthrough Wi-Fi alarm signaling offers you the lowest cost** alarm communications solution with remote services—no wires to run!
- **First-ever 4G GSM communicator** helps give your installations longevity. Whether 2G, 3G or 4G, the radio finds the best signal in the area—making installations a snap and saving you time and labor

→ **Combine both for best RMR solution**

- **Great alternatives** to POTS lines, VoIP and mobile-phone only homes

- **Z-Wave connectivity lets you integrate** security, lighting, thermostats and locks in one self-contained system
- **Optional MID-7H Android tablet** with L5100 Connect
- **Supports all Honeywell 5800 Series** wireless devices, including the 5828 and 5828V keypads
- **With Honeywell Total Connect™ Remote Services, you can offer** your customers the ability to remotely control their security systems, cameras, lights, thermostats and locks—even set scenes and schedules!

# Control Panels | LYNX TOUCH 5100

Bright, full-color touchscreen display has intuitive prompts and graphic icons that make operation, programming and training a snap.

## Brilliant New Touchscreen with Push Content Features

- Vivid, full color graphic touchscreen has tremendous end-user appeal—customers will want to use it all the time to protect their family, home and possessions
- Push content via Honeywell Total Connect™ Remote Services for weather, traffic and news
- Easiest interface for end-users yet—intuitive prompts make operation simple
- Icons and words are large, clear and easy to see—great for family members of all ages
- Easy programming for installers



## Industry Exclusive!

### Android™ Tablet with L5100 Connect

The new Wi-Fi enabled MID-7H (Android mobile Internet device) with built-in L5100 Connect can control the security system, surf the web, download apps and more from its large 7" touchscreen.



### MID-7H

#### Mobile Internet Device

- Built-in Wi-Fi connectivity
- L5100 keypad app – Remotely control L5100 from anywhere in the home
- Ability to browse the web, check e-mail and more



# Control Panels | LYNX TOUCH 5100

## DRIVE MORE BUSINESS AND INCREASE RMR WITH THESE NEW FEATURES

### Now you can offer **FREE Honeywell Total Connect™** on every job!

Free Total Connect Basic is now available when used with IP or Wi-Fi communicators and AlarmNet® transport services. With Total Connect Basic Service, your customers can remotely arm, disarm and perform bypass functions free of charge. They can also receive system notifications of arming, disarming, AC loss, low battery and more just for the price of AlarmNet transport. What an opportunity to differentiate your business and drive more sales by offering FREE Total Connect Basic on every installation!



### Total Connect Now with Z-Wave® and More!

Want enhanced event notifications, Z-Wave connectivity and the ability to see video? With Total Connect Remote Services, your customers will be able to perform many of the amazing functions of LYNX Touch remotely—including Z-Wave thermostat, locks and lighting control!

Your customers can:

- Control security system, cameras, lights, thermostats, locks and more
- Get instant weather, news and traffic
- Integrate cameras with their security systems and receive activity-driven video alerts
- Get notifications when an event doesn't happen, like a child who didn't come home from school at a specific time
- Be notified of important events inside and outside their homes via e-mail, text messages or video alerts
- Know if motion is detected in outdoor areas
- Be alerted to floods, leaks and extreme temperature changes
- Know if valuable indoor or outdoor objects have been moved or disturbed



To learn more, visit [www.totalconnecttoolkit.com](http://www.totalconnecttoolkit.com)

### APL Advanced Protection Logic



A signal will still be sent to the central station even if an intruder attempts to destroy or disable the control panel in a “smash and grab” attack.

In addition to our front and rear tampers, APL enables the alarm event to report even if the system is damaged during the entry and communications delay times. APL can be selected when using Honeywell's GSM, Wi-Fi and IP communicators.

#### How APL Works:

1. Door opens and sends signal
2. Alarm signal is received and held, waiting for disarming code
3. Alarm is sent immediately upon non-receipt of disarm code

**Result:** A higher level of security



# Control Panels | LYNX TOUCH 5100

## NEW FEATURES (CONTINUED)



### Thermostats

Your customers can set back thermostats automatically when arming LYNX Touch. When combined with Honeywell Total Connect™, they can also control thermostats remotely and set scenes and schedules for added comfort and convenience.



### Lighting

Users can turn select indoor and outdoor lights on or off every time they arm or disarm LYNX Touch. They can also control their systems remotely and set scenes for ambience and security when using Total Connect!



### Locks

End-users can lock and unlock their doors wherever they are on premises or automatically when arming and disarming their security systems. When used with Total Connect Remote Services, they can do this from any location, anywhere in the world.



### Remotes

- Provide end-users with an extra level of convenience, comfort and peace of mind
- Unlock the door, disarm the system and more with the push of a button



## ORDERING

<b>L5100</b>	LYNX Touch Touchscreen Color Graphic Wireless Self-Contained Security System
<b>L5100CN</b>	LYNX Touch Touchscreen Color Graphic Wireless Self-Contained Security System (Canada)
<b>L5100PK</b>	LYNX Touch with (3) 5816WMWH Door/Window Transmitters, (1) 5834-4 Four-Button Wireless Key and (1) 5800PIR-RES Wireless Motion Detector
<b>L5100-SIA</b>	LYNX Touch Touchscreen Color Graphic Wireless Self-Contained Security System with CP-01 Compliance
<b>L5100-24</b>	LYNX Touch with 24-Hour Battery
<b>MID-7H</b>	Android™ Mobile Internet Device with L5100 Connect (requires L5100-WIFI or ILP5)
<b>MID-WM</b>	Android Mobile Internet Device Wall Mount
<b>L5100-WIFI</b>	Wi-Fi IP Communication Module for L5100 (can be used with GSMVLP5-4G)
<b>L5100-ZWAVE</b>	Z-Wave® Control Communication Module for L5100
<b>L5000DM</b>	Desk Mount for LYNX Touch
<b>L5000-RJ31X</b>	Internal RJ31X Connector
<b>GSMVLP5-4G</b>	Internal GSM Radio with Two-Way Voice Support
<b>GSMVLP5CN-4G</b>	Internal GSM Radio with Two-Way Voice Support (Canada)
<b>ILP5</b>	Internal Internet Communicator (can not be used with with GSMVLP5-4G)
<b>LT-CABLE</b>	LYNX 5000 Family Power Cord
<b>LYNXRCHKIT-SHA</b>	24-Hour Backup Battery for L5100 and GSMVLP5-4G Radio
<b>LYNXRCHKIT-SC</b>	Four-Hour Backup Battery for L5100 and GSMVLP5-4G

# Control Panels

LYNX TOUCH 5000



## LYNX Touch 5000

**Quick-Install Enhanced Security System  
with Built-in Two-way Voice**

### System Features

- Large 4.7 inch color graphic touchscreen
  - Resolution 470 x 256 pixels
  - 16.7 million colors
  - Intuitive easy-to-use touchscreen interface
  - Easy to understand icons
  - Menu driven navigation
  - Quick accurate programming
  - Four dedicated keys for everyday functions
- Works with Honeywell Total Connect™ Remote Services
- Voice announcement of system and zone status
- Family message center (for user recorded messages)
- Voice chime by zone
- Automatic stay arming
- Remote phone control
- Speaker phone operation
- 16 programmable reminders
- “Follow me” reminder and system announcements; users can be notified by phone of reminders and system events. Supports two end-user phone numbers.
- 16 user codes (Installer, Master, Babysitter, Duress, 14 Secondary)
- Three panic functions
- Wall or desk mount
- Event log stores up to 128 events
- Case Tamper
- Exit error feature (detects difference between an actual alarm and exit alarm caused by leaving a door open after the exit delay expires)
- RF jam detection
- Quick Exit feature enables users to leave the premises for a brief time without disarming system
- Hinged cover for easy installation
- Real-time clock display

### Zones and Devices

- One hardwired zone
- Up to 64 total wireless zones (5800 Series Transmitters)
- Supports wireless bidirectional keypads
- GSMVLP5 GSM radio option
- ILP5 Internet module option
- Internal RJ31X option
- Programmable trigger output

### Communication

- Contact ID Reporting (four or 10 digit account numbers)
- SIA Format Reporting
- Internet central station communication with ILP5
- GSM cellular central station communication with GSMVLP5
- Touch activated radio registration
- GSM radio signal strength display
- Two-way voice communication over telephone line or GSM with GSMVLP5
- Total Connect Remote Services including iPhone®, BlackBerry® and Android™, using GSMVLP5 or ILP5

### Alarm Output

- Built-in 85 dB sounder with voice siren
- Steady output for burglary/panic
- Temporal pulse output for fire and carbon monoxide alarms
- Long range radio/audio alarm verification

### Programming

- Options stored in EEROM
- Can be uploaded, downloaded or controlled via IBM-compatible computer using Compass Downloader software and specified modem or via capable GSM or IP communications module
- Intuitive programming interface reduces time and mistakes
- Programming options selected from allowable list
- Contextual options; defaults and pre-fills for faster set-up

### System Power

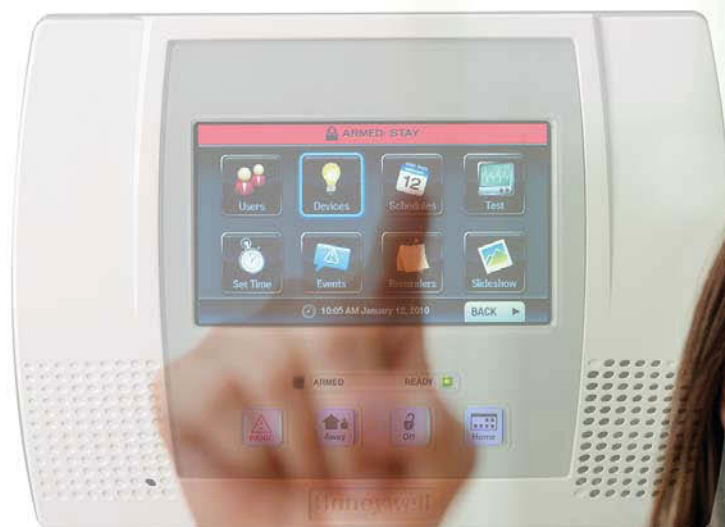
- Primary power: plug-in power supply, 110VAC to 9VDC, 2.7A output 300-04705 or 300-04065 (300-04063 in Canada)
- Four or 24-hour backup battery: rechargeable nickel-metal hydride battery pack rated at 7.2Vdc
- Operating temperature: 32° F – 122° F (0° C – 50° C)

### Dimensions

6.1" H x 8.5" W x 1.8" (15.5cm H x 21.5cm W x 4.5cm)



# Control Panels | LYNX TOUCH 5000



**NEW!**

## Advanced Protection Logic

Concerned about the system being disabled by an intruder? With APL enabled, the alarm can be reported even if the system is damaged during the entry and communications delay times. APL can be selected when using Honeywell GSM and IP communicators.

## ORDERING

<b>L5000</b>	LYNX Touch Touchscreen Color Graphic Wireless Self-Contained Security System
<b>L5000PK</b>	LYNX Touch with (3) 5816 Door/Window Transmitters, (1) 5834 Wireless Key Remote and (1) 5800PIR-RES Wireless Motion Detector
<b>L5000-SIA</b>	LYNX Touch Touchscreen Color Graphic Wireless Self-Contained Security System with CP-01 compliance
<b>L5000DM</b>	Desk Mount for LYNX Touch
<b>L5000-RJ31X</b>	Internal RJ31X Connector
<b>GSMVLP5</b>	Internal GSM Radio with Two-Way Voice Support
<b>ILP5</b>	Internal Internet Communicator
<b>LT-CABLE</b>	LYNX 5000 Family Power Cord
<b>LYNXRCHKIT-SHA</b>	24-Hour Backup Battery for L5000 and GSMVLP5 Radio
<b>LYNXRCHKIT-SC</b>	Four-Hour Backup Battery for L5000 and GSMVLP5
<b>5800ZBRIDGE</b>	Z-Wave® Energy Management Module

Add basic lighting and thermostat setback with the new **5800ZBRIDGE**  
See page 85

## Wireless Opportunities

No other system in the world puts the power of wireless to work for you and your customers quite like LYNX Plus—the breakthrough, quick-install wireless security system that lets you capture untapped opportunities in the residential market. Its all-inclusive design lets you experience the quickest installations using Honeywell's full range of proven 5800 Series wireless devices.

### LYNX Plus

#### Quick-Install Enhanced Security System with Built-in Two-way Voice

- Supports alarm reporting and downloading over the Internet and GSM radio
- Supports Honeywell Total Connect™ Remote Services
- Voice prompt programming mode
- Lack of usage notification
- Built-in two-way voice system
- 40 wireless zones of protection
- Wireless programmable remotes offer single-button system control
- 85 dB internal sounder with voice siren
- Real-time clock
- Full 16-button keypad
- Optional internal GSM or IP communicator
- Supports up to eight X10 devices
- 84 event log
- Family Message Center
- Eight user codes

**Add basic lighting and thermostat setback with the new 5800ZBRIDGE**  
See page 85



#### Plus:

- Improved aesthetics and user experience
  - 20% smaller than LYNXR-2
  - GSM antenna inside case
  - Larger easy-to-read backlit display
  - System status and zone information in plain English
  - Smaller, more discreet sensors
- Enhanced Services
  - Two-way voice over GSM
  - Total Connect for iPhone®, BlackBerry®, iPad®, Android™ and more
- Faster installation, programming, maintenance
  - Hinged cover, single PCB design
  - 2 x 16 character zone descriptors
  - Quick install internal GSM radio
  - Simple keystroke radio registration
  - Diagnostic signal strength indicator on display
- Enhanced flexibility
  - One hardwired zone

**NEW!**

#### Advanced Protection Logic

Concerned about the system being disabled by an intruder? With APL enabled, the alarm can be reported even if the system is damaged during the entry and communications delay times. APL can be selected when using Honeywell GSM and IP communicators.

# Control Panels

LYNX PLUS



## U.S.

### L3000

LYNX Plus Wireless Self-Contained Security Control

### L3000PK

LYNX Plus Wireless Self-Contained Security System (Includes three (3) 5816 Transmitters, one (1) 5800PIR-RES Wireless Motion Detector and one (1) 5804 Wireless Key Remote)

### L3000-SIA

LYNX Plus Wireless Self-Contained Security Control with SIA CP-01 compliance

### L3000LB

LYNX Plus Wireless Self-Contained Security Control, less battery

### L3000LBSIA

LYNX Plus Wireless Self-Contained Security Control with SIA CP-01 compliance, less battery

### L3000-SP

Spanish Language LYNX Plus Wireless Self-Contained Security Control

### GSMVLP4G

Internal GSM Radio with Two-way Voice Support

### GSMVLP-KT

GSM Radio Kit with GSMVLP4G and Two-way Voice Audio Cable

### 7847i-L

Internal Internet Communicator

### LYNXRCHKIT-SHA

24 Hr. Battery Backup for L3000 with GSMVLP4G installed

### LYNXRCHKIT-HC

24 Hr. Battery Backup for L3000 only

### LYNXRCHKIT-SC

4 Hr. Battery Backup for L3000 with or without GSMVLP4G installed

### L3000-X10

X10 Transformer and Cable

### K10145WH

Transformer, White LYNX Plus (two-prong)

### K10145WHGN

Transformer, White LYNX Plus (three-prong with ground)

## CANADA

### L3000-CN

LYNX Plus Wireless Self-Contained Security Control

### L3000CNLB

LYNX Plus Wireless Self-Contained Security Control, less battery

### L3000-FR

French Language LYNX Plus Wireless Self-Contained Security Control

### L3000FRLB

French Language LYNX Plus Wireless Self-Contained Security Control, less battery

### GSMVLP4G

Internal GSM Radio with Two-way Voice Support

### K10145CN

Canadian Transformer, White



# Control Panels | VISTA®

## VISTA FIRE AND BURGLARY SYSTEMS

**Honeywell's VISTA—one of the industry's most popular hybrid control panels—is ideal for the connected home and building!**

Now designed with features including support for home and building automation and control, energy savings and other lifestyle-enhancing features, they offer you more ways than every to grow your RMR and expand your opportunities. Whether you're installing an entry level residential or a high-end integrated fire/burglary commercial security system, there's a VISTA control to meet your needs—all from one familiar operating platform.

- Integrates intrusion, fire, GSM radio, state-of-the-art alarm communications, video and home/building automation capabilities in one flexible, upgradeable system
- Engineered to seamlessly integrate with Honeywell's full range of keypads, graphic touchscreens, transmitters, hardwired and wireless sensors and individual fire components—giving you the flexibility to create a customized solution at every stage of your customers' needs
- Provides time and cost efficiencies for installations, training, system programming and inventory
- VISTA controls are hardwire zone expandable—using either ECP expanders or Honeywell's patented V-Plex® polling loop technology



LOCAL AND REMOTE VIEWING



HOME AUTOMATION AND CONTROL



CARBON MONOXIDE



FLOOD TEMPERATURE  
DETECTION

## RESIDENTIAL FIRE/BURGLARY

### VISTA-10P

#### Residential 22 Zone Control Panel

- Six hardwired zones on-board
- 16 wireless expansion zones totaling 22 zones
- Eight independent keyfob zones
- Two low current on-board triggers
- 32 event log
- 16 user codes
- One configurable zone type provides flexibility of all zone attributes for custom applications
- Four output devices using a 4204 relay module
- Internet and GSM support

#### AVAILABLE PACK:

##### V10PACKP

Includes: VISTA-10P, 6148, Aurora, WAVE2, 1321, 467, 620, 621

### VISTA-10PSIA

#### Residential 22 Zone Control Panel with SIA Approval

- All the same features as the VISTA-10P
- ETL approval for ANSI/SIA CP-01-2000



### VISTA-15P

#### Residential 32 Zone Control Panel

- Six on-board hardwired zones standard
  - 16 hardwired expansion zones totalling 22
  - 26 wireless expansion zones
  - One two-wire smoke detector loop (supports 16 two-wire detectors)
- Eight independent keyfob zones
- Eight output devices
  - Relays (Model 4204 Relay Modules or 4229 Expansion Module) and/or
  - X10 devices (when used with a 1361x10 Transformer)
- Two low current on-board trigger outputs
- 50 event log viewable at system keypads with time/date stamp
- 32 user codes
- Two configurable zone types provide flexibility of all zone attributes for custom applications
- Graphic keypad support (2)
- Internet and GSM support

#### AVAILABLE PACKS:

##### V15PACK

Includes: VISTA-15P, 6150, Aurora, WAVE2, 467, 620, 621

##### V15PWRLSPK

Includes: VISTA-15P, 6150RF, 5800PIR-RES, WAVE2, 467, 620, 621

##### V15PWRLSPK1

Includes: VISTA-15P, 6150RF, Aurora, WAVE2, 467, 620, 621

##### V15PWRLSPK2

Includes: VISTA-15P, 6150RF, 5800PIR-RES, 5816WMWH (3), Wave2, 467, 620, 621

### VISTA-15PSIA

#### Residential 32 Zone Control Panel with SIA Approval

- All the same features as the VISTA-15P
- ETL approval for ANSI/SIA CP-01-2000



# Control Panels | VISTA®

## RESIDENTIAL FIRE/BURGLARY



### VISTA-20P

#### Residential 48 Zone Control Panel

- Eight on-board hardwire zones standard (15 when Zone Doubling feature is used)
  - One two-wire smoke detector loop (supports 16 two-wire detectors)
- Expandable to 48 total zones when used with hardwired and/or wireless expansion modules
- 16 independent keyfob zones
- 16 output devices
  - Relays (Model 4204 Relay Modules, or 4229 Expansion Module) and/or
  - X10 devices (when used with a 1361X10 Transformer)
- Two low current on-board trigger outputs
- 100 event log viewable at system keypads with time/date stamp
- 48 user codes
- Graphic keypad support (4)
- Four configurable zone types provide flexibility of all zone attributes for custom applications
- Internet and GSM support

#### AVAILABLE PACKS:

##### V20P60RFPK

Includes: VISTA-20P, 6160RF, 5800PIR-RES, WAVE2, 467, 620, 621

##### V20P60PK

Includes: VISTA-20P, 6160, IS2535, WAVE2, 467, 620, 621

##### V20PACK

Includes: VISTA-20P, 6150, Aurora, WAVE2, 467, 620, 621

### VISTA-20PSIA

#### Residential 48 Zone Control Panel with SIA Approval

- All the same features as the VISTA-20P
- ETL approval for ANSI/SIA CP-01-2000



*All trademarks are properties of their respective owners.*





Honeywell's exciting VISTA-21iP control panel delivers a full communications solution with an integrated Internet Communicator and optional snap-in GSM radio

**right on-board.** It future-proofs your installation so you are covered no matter what communication path your customer chooses and is Honeywell Total Connect™ ready so you can offer remote services on any VISTA-21iP installation.

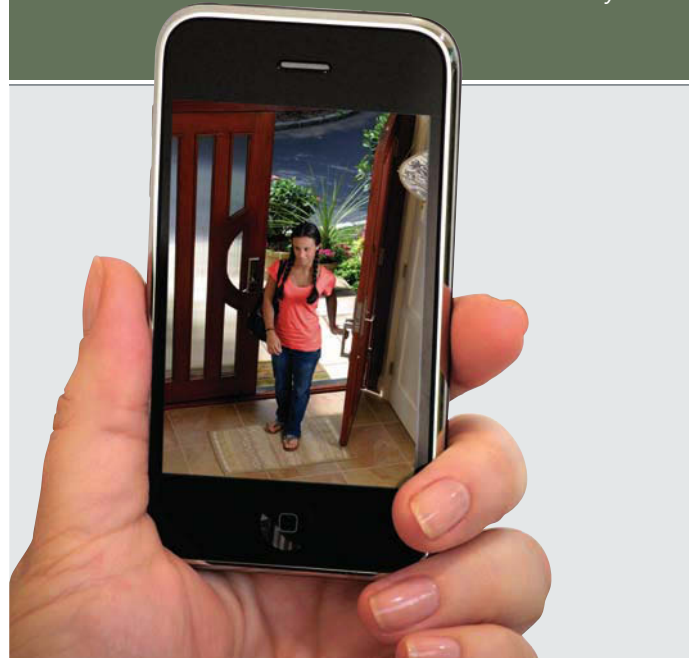
## VISTA-21iP

### 48 Zone Control Panel with Integrated IP Communicator

- Internet alarm reporting and uploading/downloading capability via on-board AlarmNet® Internet Communicator
- Optional VISTA-GSM Snap-in Dual-Path Digital Wireless Communicator
- Simple programming of communicator options using an alpha keypad, graphic keypad in console mode or AlarmNet Direct website (no 7720P Programmer required)
- Total Connect ready
- Eight on-board hardwired zones standard (15 when Zone Doubling feature is used)
- Expandable to 48 total zones when used with hardwired and/or wireless expansion modules
- 16 independent keyfob zones
- 16 output devices
  - Relays (Model 4204 Relay Modules, or 4229 Expansion Module), and/or
  - X10 devices (when used with a 1361X10 Transformer)
- Two low current on-board trigger outputs
- 100 event log viewable at system keypads with time/date stamp
- 48 user codes
- Graphic keypad support
- Four configurable zone types provide flexibility of all zone attributes for custom applications



Total Connect ready



## COMMERCIAL BURGLARY

### VISTA-50P

#### Commercial Intrusion Control Panel

- Nine hardwired zones standard
- Expandable to 86 total zones
- Eight partitions standard
- 75 user codes work in all partitions
- Seven authority levels
- 225 event memory log/printer option
- Four trigger outputs
- 5800 Wireless Series compatibility
- Supports two-wire multiplex
- Scheduling of events (real-time clock)
- Keypad macro features
- Master console option for viewing all partitions at a glance



### VISTA-128BP

#### Enhanced and Turbo Series

#### Commercial Intrusion Control Panels

- **Capacity:**
  - Zones: 128; Users: 150; Event Log: 512; Partitions: 8
- **Two Expansion Methods:**
  - V-Plex® polling loop (two-wire)
  - 5800 Wireless
- **Commercial Wireless:**
  - 5800CO Wireless Carbon Monoxide Detector
  - 5808W3 Smoke/Heat Detectors
  - 5869 Hold-Up Buttons
  - 5817CB – make any UL hardwired contact device a UL wireless contact device
- **User Interfaces:**
  - 6160 Custom Alpha Display
  - 6280 High-Resolution Enhanced Graphic Touchscreen Display
- **Access Control Ready:**
  - VistaKey – access control expansion up to eight doors, 250 cards and eight schedules
- **AlarmNet® Communication Options:**
  - AlarmNet-M High Security (five-minute supervision)
  - AlarmNet-GSM
  - AlarmNet-i Internet or Intranet communication
  - Dynamic Signaling reduces redundant reporting when using AlarmNet communication devices
- **Additional Turbo Series Features**
  - 2x faster processor and 8x faster serial port speed
  - Phone line cut detection
  - On-board serial port (eliminates 4100SM)
  - Automatic low battery cutoff
  - Support for six graphical keypads
  - Compatible with Honeywell Total Connect™ 2.0

#### Ordering

**VISTA-128BPE (Enhanced)**

**VISTA-128SIAE (Enhanced with SIA)**

**VISTA-128BPT (Turbo) NEW**

**V128BPTSIA (Turbo with SIA) NEW**

**V128BPTCNKT (Canada Only) NEW**

### VISTA-250BP

#### Commercial Intrusion Control Panel

- **Capacity:**
  - Zones: 250; Users: 250; Event log: 1000; Partitions: 8
- **Two Expansion Methods:**
  - V-Plex polling loop (two-wire)
  - 5800 Wireless
- **Commercial Wireless:**
  - 5800CO Wireless Carbon Monoxide Detector
  - 5808W3 Smoke/Heat Detectors
  - 5869 Hold-Up Buttons
  - 5817CB – make any UL hardwired contact device a UL wireless contact device
- **User Interfaces:**
  - 6160 Custom Alpha Display
  - 6280 High-Resolution Enhanced Graphic Touchscreen Display
- **Access Control Ready:**
  - VistaKey – access control expansion up to 15 doors, 500 cards and eight schedules
- **AlarmNet Communication Options:**
  - AlarmNet-M High Security (five-minute supervision)
  - AlarmNet-GSM
  - AlarmNet-i Internet or Intranet communication
  - Dynamic Signaling reduces redundant reporting when using AlarmNet communication devices
- **Additional Turbo Series Features**
  - 2x faster processor and 8x faster serial port speed
  - Phone line cut detection
  - On-board serial port (eliminates 4100SM)
  - Automatic low battery cutoff
  - Support for six graphical keypads
  - Compatible with Total Connect 2.0

#### Ordering

**VISTA-250BPE (Enhanced)**

**VISTA-250BPT (Turbo) NEW**

**V250BPTCNKT (Canada Only) NEW**

## COMMERCIAL FIRE/BURGLARY



### VISTA-128FBP

#### Combination Fire/Burglary Control Panel

- **Capacity:**
  - Zones: 128
  - Users: 150
  - Event Log: 512
  - Partitions: 8
- **Two Expansion Methods:**
  - V-Plex® polling loop (two-wire)
  - 5800 Wireless
- **Commercial Wireless:**
  - 5800CO Wireless Carbon Monoxide Detector
  - 5808W3 Smoke/Heat Detectors
  - 5869 Hold-Up Buttons
  - 5817CB – make any UL hardwired contact device a UL wireless contact device
- **User Interfaces:**
  - 6160 Custom Alpha Display
  - 6160CR-2 (required for commercial fire installations)
- **All VISTA-128BP features plus:**
  - UL Commercial Fire Wireless
  - (2) Two-wire smoke loops on board with optional expansion
  - On-board reset for four-wire smoke
  - Two on-board notification appliance circuits (NAC)
  - Automatic smoke detector sensitivity maintenance testing

#### Ordering

**V128FBP-9**

#### ALSO AVAILABLE:

**V128FBP924KT**, 24V version

#### Compatible devices:

- 5800CO Wireless Carbon Monoxide Detector
- 4204CF Commercial Fire Relay
- 4208SNF Eight-Zone Expander (Class A or B)
- 5193SD and 5193SDT V-Plex Addressable Smoke Detectors

### VISTA-250FBP

#### Combination Fire/Burglary Control Panel

- **Capacity:**
  - Zones: 250
  - Users: 250
  - Event Log: 1000
  - Partitions: 8
- **Two Expansion Methods:**
  - V-Plex Polling Loop (two-wire)
  - 5800 Wireless
- **Commercial Wireless:**
  - 5800CO Wireless Carbon Monoxide Detector
  - 5808W3 Smoke/Heat Detectors
  - 5869 Hold-Up Buttons
  - 5817CB – make any UL hardwired contact device a UL wireless contact device
- **User Interfaces:**
  - 6160 Custom Alpha Display
  - 6160CR-2 (required for commercial fire installations)
- **All VISTA-250BP features plus:**
  - Commercial Wireless Fire
  - (2) Two-wire smoke loops on board with optional expansion
  - On-board reset for four-wire smoke
  - Two on-board notification appliance circuits (NAC)
  - Automatic smoke detector sensitivity maintenance testing

#### Ordering

**V250FBP-9**

#### ALSO AVAILABLE:

**V250FBP924KT**, 24V version

#### Compatible Devices:

- 5800CO Wireless Carbon Monoxide detector
- 4204CF Commercial Fire Relay
- 4208SNF Eight-Zone Expander (Class A or B)
- 5193SD and 5193SDT V-Plex Addressable Smoke Detectors

**Now Approved**  
For Bank Safe and  
Vault Applications





## COMMERCIAL FIRE/BURGLARY



### VISTA-32FB

#### Entry-Level Combination Fire/Burglary Control Panel

- **Capacity:**
  - Zones: 8-32
  - Users: 75
  - Event Log: 512
  - Partitions: 2
- **Two Expansion Methods:**
  - V-Plex® polling loop (two-wire)
  - 5800 Wireless
- Commercial Wireless Fire
- (2) Two-wire smoke loops on board with optional expansion
- On-board reset for four-wire smoke
- Two on-board notification appliance circuits (NAC)
- **Commercial Wireless:**
  - 5800CO Wireless Carbon Monoxide Detector
  - 5808W3 Smoke/Heat Detectors
  - 5869 Hold-Up Buttons
  - 5817CB – make any UL hardwired contact device a UL wireless contact device
- **User Interfaces:**
  - 6160 Custom Alpha Display
  - 6160CR-2 (required for commercial fire installations)

#### Ordering

##### V32FB-9

#### ALSO AVAILABLE:

**V32FB-9COM** (Comes in larger red commercial cabinet with external transformer)

## FIRE



### 5110XM

#### Fire Alarm Communicator (DACT)

- **Capacity:**
  - Zones: 5 (Style B Zones)
  - Users: 5
  - Keypads: 4
- Supports two-wire and four-wire smoke detectors
- Built-in warning buzzer
- Eight built-in LED indicators
- Built-in back up digital dialer
- One notification appliance circuit (NAC)
- **User Interfaces:**
  - 6160 Custom Alpha Display
  - 6150 Fixed English Display

#### Ordering

##### 5110XM-9

# Control Panels

## FEATURE CHART

LYNX Touch (L5100)   LYNX Touch (L5000)   LYNX Plus (L3000)   VISTA®-10P   VISTA-15P   VISTA-20P   VISTA-21iP   VISTA-50P

### System Capacities

Max. Zone Capacity	64	64	39	22	32	48	48	86
Std. Hardwired Zones (w/zone doubling)	1	1	1	6 (-)	6 (-)	8 (15)	8 (15)	9 (-)
Max. ECP Hardwire Expansion Zones	N/A	N/A	N/A	0	16	40	40	N/A
Max. V-Plex® Expansion Zones	N/A	N/A	N/A	N/A	N/A	N/A	N/A	77
Max. Wireless Expansion Zones	63	63	39	16	26	40	40	85
Partitions	N/A	N/A	N/A	1	1	2 "true"	2 "true"	8
User Codes	16	16	8	16	32	48	48	75
Event Log	128	128	84	32	50	100	100	225
Max. No. Two-Wire Smokes	N/A	N/A	N/A	0	16	16	16	16
Max. Number of Schedules	16	16	8	2	8	32	32	20

### False Alarm Prevention Features

Exit Error Logic	✓	✓	✓	✓	✓	✓	✓	✓
Exit Delay Reset	✓	✓	✓	✓	✓	✓	✓	✓
Exit Delay Countdown	✓	✓	✓	✓	✓	✓	✓	-
Cross Zoning	✓	✓	✓ (SIA)	✓	✓	✓	✓	✓
Alarm Verification - Fire	✓	✓	✓ (SIA)	✓	✓	✓	✓	-
Swinger Shutdown	✓	✓	✓	✓	✓	✓	✓	✓
Unvacated Auto-Stay	✓	✓	✓ (SIA)	✓	✓	✓	✓	-
Alarm Cancel Verification	✓	✓	✓ (SIA)	✓	✓	✓	✓	-

### System Configuration

Interactive Phone Support	✓ (Built-in)	✓ (Built-in)	✓ (Built-in)	✓	✓	✓	✓	✓
Real Time Clock	✓	✓	✓	✓	✓	✓	✓	✓
Temporal Bell	✓	✓	✓	✓	✓	✓	✓	✓
Bell Supervision	-	-	-	✓	✓	✓	✓	✓
Telephone Line Monitor	✓	✓	-	-	✓	✓	✓	-
On-Board Triggers	1	1	1	2	2	2	2	4
Relays Supported	N/A	N/A	N/A	4	8	16	16	16
X10 Devices Supported	N/A	N/A	8	-	8	16	16	16
Integrated Internet	N/A	N/A	N/A	N/A	N/A	N/A	✓	N/A

### Additional Features

Wi-Fi Alarm Communications*	✓	-	-	-	✓	✓	✓	N/A
Combo 3G/4G GSM Communicator*	✓	-	-	✓	✓	✓	✓	✓
Z-Wave® Connectivity for Locks, Lighting, Energy Management and More*	✓	✓†	✓†	✓	✓	✓	✓	-
Master Console	N/A	N/A	N/A	N/A	N/A	-	-	✓
Cross Partitioning (goto)	N/A	N/A	N/A	-	-	✓	✓	✓
"Night" Arming	N/A	N/A	N/A	✓	✓	✓	✓	-
RF Supervision by Transmitter	✓	✓	✓	✓	✓	✓	✓	✓
Common Lobby Logic	N/A	N/A	N/A	N/A	N/A	✓	✓	✓
Configurable Zone Type	-	-	-	✓	✓	✓	✓	-
"Battery Saver"	-	-	-	-	✓	✓	✓	-
Keyswitch Arming	N/A	N/A	N/A	✓	✓	✓	✓	✓

### Convenience Features

Single Button Arming	✓	✓	✓	✓	✓	✓	✓	-
Quick Exit	✓	✓	✓	✓	✓	✓	✓	-
Keypad Macros	-	-	-	✓	✓	✓	✓	✓
Viewable Event Log at Keypad	✓	✓	-	✓	✓	✓	✓	✓
Time & Date Display	✓	✓	✓	-	-	-	-	-
Auto Arm/Disarm	✓ (Arm Stay Only)	✓ (Arm Stay Only)	-	✓	✓	✓	✓	✓
Graphic Keypad Support	Graphic Touchscreen	Graphic Touchscreen	2x16 Alpha	-	2	4	4	-
Wireless (Secondary) Keypad – Touchscreen Tablet*	✓	-	-	N/A	N/A	N/A	N/A	N/A
Internet & GSM Communication Support	✓	✓	✓	✓	✓	✓	✓	✓ (Trigger)

✓ (Supported Feature)

- (Not Supported)

N/A (Not Applicable)

\*Z-Wave module, Wi-Fi module, 3G/4G communicator and secondary keypad purchased separately.  
†Requires 5800ZBRIDGE for lighting and thermostat control only.

# Control Panels

## FEATURE CHART

VISTA®-20P VISTA-128BPE VISTA-250BPE VISTA-32FB VISTA-128FBP VISTA-250FBP

### Zone Information

Max. Zone Capacity	48	128	250	32	128	250
Max. Std. Hardwire Zones	8	9	9	8	8	8
Max. Wireless Expansion Zones	40	127	249	32	127	249
Max. ECP Hardwire Expansion Zones	40	0	0	0	0	0
V-Plex® Devices	N/A	119	241	24	120	242
Smart Contact	No	No	No	Yes	Yes	Yes

### Fire

Two-wire Smokes	16 (Zone1)	16 (Zone1)	16 (Zone1)	32 (Zone1&2)	32 (Zone1&2)	32 (Zone1&2)
Four-wire Smokes	Zone 2-8	Zone 1-128	Zone 1-250	Zone 1-32	Zone 1-128	Zone 1-250
Smoke Reset	Yes	Yes	Yes	Yes	Yes	Yes

### Keypads

Max. Number of Keypads	8 (Alpha) 4 (Graphics)	31 (Alpha) 3 (Graphics)	31 (Alpha) 3 (Graphics)	31 (Alpha)	31 (Alpha) 3 (Graphics)	31 (Alpha) 3 (Graphics)
Keypad Types	Fixed Alpha & Graphics	Alpha & Graphics	Alpha & Graphics	Alpha	Alpha & Graphics	Alpha & Graphics
User Codes	48	150	250	75	150	250
Keyswitch Arming	Yes	Yes	Yes	Yes	Yes	Yes

### System Configuration

Aux Power	600mA	750mA	750mA	1A	1A	1A
Alarm Power	2A	1.7A	1.7A	1.7A	1.7A	1.7A

### Partitioning

Number of Partitions	2	8	8	2	8	8
Reporting Format	Contact ID Low Speed Express	Contact ID Low/High Speeds Express	Contact ID Low/High Speeds Express	Contact ID Low/High Speeds Express	Contact ID Low/High Speeds Express	Contact ID Low/High Speeds Express

### Additional Features

Output Relays	16	96	96	84	96	96
Access Control Relays	N/A	8 doors	15 doors	4 doors	8 doors	15 doors
Schedules	32	20	20	20	20	20
AlarmNet® Support	A, M, G & i	A, M, G & i	A, M, G & i	A, M, G & i	A, M, G & i	A, M, G & i
Panel Linking	N/A	Yes	Yes	No	Yes	Yes
Printer Output	N/A	Yes	Yes	Yes	Yes	Yes
Event Log	100	512	1000	512	512	1000
Programming	Keypad/Telco/ IP/GSM	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco	Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM
Downloader	Yes	Yes	Yes	Yes	Yes	Yes
Telephone Line Monitor	Yes	No	No	Yes	Yes	Yes

### Compliance Listings

UL	1023/609 365/1610 1635 (ETL only)	985/1023 609/365 611/1610 1037/1076 1635	985/1023 609/365 611/1610 1037/1076 1635	864/609 611/1610 365	864/609 611/1610 365/985	864/609 611/1610 365/985
ULC/ORD						



# Control Panels | SOFTWARE

## VISTA-128BPT

## VISTA-250BPT

## COMPASS

128	250
9	9
127	249
0	0
119	242
Yes	Yes
16 (Zone1)	16 (Zone1)
Zone 1-128	Zone 1-250
Yes	Yes
31 (Alpha)	31 (Alpha)
6 (Graphics)	6 (Graphics)
Alpha & Graphics	Alpha & Graphics
150	250
Yes	Yes
750mA	750mA
1.7A	1.7A
8	8
Contact ID Express	Contact ID Express
96	96
8 doors	16 doors
20	20
A, M, G & i	A, M, G & i
No	No
Yes	Yes
512	1000
Keypad/ Serial Port/Telco IP/GSM	Keypad/ Serial Port/Telco IP/GSM
Yes	Yes
Yes	Yes
1023/609 365/1610 1635	1023/609 365/1610 1635
C1023/S303 S304/S545	C1023/S303 S304/S545



Honeywell's Compass Downloader for Windows® is a network compatible software solution that provides a quick and easy method for planning, designing and communicating with VISTA® control panels.

### Compass Downloader (Version 2.0)

#### Software for Microsoft Windows®

- Allows operator to access, program and control any Honeywell control panel over normal telephone lines
- Compass features include:
  - Complete account change/history
  - Advanced error check on-screen help
  - Fully networkable
  - Exclusive panel feature search
  - Unlimited system templates
  - Multiple user-definable fields
  - Unattended/unsolicited mode
- **Networkable** – Completely network compatible, Compass is engineered to accommodate up to 255 users. Multiple users may access the program and download simultaneously. Compass runs on Peer-to-Peer and LAN based networks such as Novell® and Lantastic®. Each workstation must use its own modem.
- **Search Engine** – Allows quick and easy access to panel features. Simply type the desired feature name or the programming field number and the system will bring you directly to the appropriate screen, folder and feature location.
- **Templates** – Unlimited templates allow for design of master accounts which result in a selection of options to expedite set-up.
- **User-definable fields** – Gives the option to customize your accounts screen. Gather and display the information most important to your company.

#### Program Features:

- **Change/History** – Reviews all system changes initiated by the download operator within the current session. A complete record of system modifications and the history of an account is also available.
- **Error Check** – Technology incorporated into Compass guides you through system programming. To ensure proper panel set-up, an error checking feature monitors programming and provides on-screen error alerts.
- **Help** – An on-screen help bar is displayed along the bottom of each screen for prompt assistance. Programming field numbers within each screen provide easy reference to the program sheet for installation and service.

*All trademarks are properties of their respective owners.*

## COMPASS 2.0



### System Configuration Requirements for Compass 2.0

System Attributes	Minimum	Recommended
Processor	Intel® Pentium® II - 256 MB RAM Vista - 1 GB RAM	Intel® Pentium® IV, 512 MB RAM (or above)
Disk Space (Free)	1.5 GB	1.75 GB
Monitor Resolution	800 X 600	1024 X 768

Application	Version
Operating System	Microsoft Windows XP Professional® (SP2 and SP3) Microsoft Windows Vista® 32-bit (Home, Ultimate & Business) Compatible with the latest version of Microsoft Windows 7®*
Database Application	MS SQL Server
Microsoft Internet Explorer®	5.5 and above

- The new Compass 2.0 configuration window is designed for fast, efficient access to information. Its user-centric design makes features such as account creation and configuration more intuitive. Context sensitive F1 help provides immediate answers to feature inquiries, and searches can be performed based on Feature Groups.
- Compatible with the latest Operating Systems – Microsoft Windows XP, Microsoft Windows Vista and Microsoft Windows 7.
- Save time – There is no need to wait for an ongoing job to be completed. The user can execute multiple commands using dial-up and Ethernet simultaneously.
- Upgrade from the old and legacy access databases to faster and better MSDE or SQL. There is a tool provided that automatically migrates to MSDE or SQL.

\*Honeywell has designed Compass 2.0 to be compatible with the latest version of Microsoft Windows 7®. Compass 2.0 will be tested for full compatibility with the latest version of Microsoft Windows 7® when available in the market. All trademarks are properties of their respective owners.

## COMPASS 2.0

### Compass Features

Single communication server for all panels (providing uniformity)
Cancel a command that is currently under execution
Drag and drop of multiple commands simultaneously
Configure a panel and schedule jobs for other accounts without closing panel window (multitasking)
Export subscriber with report format from shell
Automatic saving of event logs to the database (unattended mode)
Utility to generate reports on panels and accounts usage (categorizing in summary report of panel types)
View and export activity log in Interactive mode
Print all your customer information from customer account screen at once
“Change and Compare” screen gives the ability to confirm changes prior to download
View last retrieved panel status in interactive mode (improved feel in 2.0)
Communicate with up to five panels using TCP and dial-up simultaneously
Activity log displays Caller ID information in the Scheduler Activities Viewer (more information available to user)
Save unattended activity logs in text mode (file) for later detailed analysis
See details of the job in queue in unattended mode
Modify user input and reschedule unattended batch job
Windows XP® support
Windows VISTA support
Windows 7®* support
Context Sensitive Help, F1 (detailed help screen)
MS SQL Server Support (licensed version)
MS SQL Express (free version) bundled with Compass 2.0

*\*Honeywell has designed Compass 2.0 to be compatible with the latest version of Microsoft Windows 7®.*



## NOTES:

This image shows a blank sheet of white paper with horizontal blue ruling lines. A single vertical red line runs down the left side of the page, creating a margin. The lines are evenly spaced and extend across the entire width of the page. There is no handwriting or other markings on the paper.



## Keypads

Honeywell offers the widest variety of keypads in the industry, with flexible, easy-to-use solutions that provide you with terrific opportunities to differentiate your offering and win new business. Choose from brilliant graphic touchscreens with up to 7" displays that double as digital picture frames, support video and provide control of thermostats, lighting and locks. There are also talking keypads that announce system status in plain English, stylish premium keypads that match any commercial or residential interior, prox keypads for added simplicity, convenient, portable wireless keypads and UL864 compliant commercial models.

### THIS SECTION INCLUDES:

- Graphic Touchscreens
- Premium Alpha Designs
- Traditional Fixed-English/Custom Alpha
- RF and HW Expansion
- Prox
- Voice
- Wireless
- Slimline
- Commercial Fire

*"My sales department is excited about the 6280 because it sits close to the wall, the screen is impressive, and it makes most homes look richer for just an incremental cost. It helps differentiate us from the competition."*

*Fred Leonardo, President  
Electronix Systems  
Huntington Station, NY*



## Honeywell's 6280 Series Graphic Touchscreen Keypad Family

**Discover the best way yet to get in touch with what your customers want with Honeywell's stunning new 6280 Series Graphic Touchscreen Keypad Family!**

The combination security touchpad and brilliant digital picture frame is packed with exciting features that give you the opportunity to close more sales, increase retention and capture new markets. There is a touchscreen to suit every lifestyle, budget and décor. Intuitive icons and menu-driven prompts make security system operation simpler than ever, and a magnificent, high-resolution display brings your customers' memories to life for an incredible photo and video viewing experience—supporting millions of colors. Commercial customers can showcase new products, post employee

announcements, play commercials, display floorplans and more. Three language options (English, French and Spanish) broaden market appeal, and a choice of white or silver/black suit every commercial or residential interior.





## GRAPHIC TOUCHSCREENS



### Graphic Touchscreen Keypad

#### 6280

- New enhanced GUI with graphics and icons that make operation a snap
- 7" high-resolution, widescreen touchscreen display that shows images in eye-popping detail
- New, more appealing plastic design
- Digital picture frame feature to display family photos or video
- Two color options (white and silver on black)
- Customize homescreen with dealer logo to increase brand awareness
- Choice of three languages (English, French and Spanish) open new markets
- Voice annunciation of type and location of alarm (English only)

Get more advanced security and convenience features with the new **Tuxedo Touch™**  
See page 16



### Zone List Screen



### Slideshow Setup

*Digital picture frame can be easily managed with a standard SD card.*



*Business owners and facility managers can use the touchscreen keypad as a communications tool.*



## PREMIUM DESIGN ALPHA KEYPAD FAMILY



The new design and stylish silver and black or white and gray color combinations are ideal for numerous residential and commercial applications, including kitchens with stainless steel appliances, home theaters, garages, warehouses and many industrial environments. The vibrant, negative etched keys and vivid negative mode display provide greater contrast – making the keypads easier to read and operate. You can even have your company logo emblazoned on the keypad – a terrific way to stand out, increase referrals and build your business.

### Premium Alpha Keypad Family 6460

#### Features:

- New higher-end, symmetrical design for both residential and commercial applications
- Silver and black color scheme for new applications like stainless steel kitchens, garages, warehouses and industrial settings (option in white and gray 6460W)
- Large 32-character alpha display provides system status and zone information
- Zones can be customized (e.g. Jen's Bedroom, Boiler Room, etc.) so end-users can react quicker in an emergency situation
- Negative etched keys and negative mode display provide greater contrast and visibility
- Customize with your own company logo
- Four programmable function keys
- Speaker with audible beeps to indicate system status, exit/entry delay and alarm conditions
- LED indicators of system “armed” or “not armed and ready to arm”
- Compatible with all VISTA® Plus controls



## TRADITIONAL FIXED-ENGLISH AND CUSTOM ALPHA KEYPADS



### Fixed-English

#### 6148

- Fixed-English LCD display keypad
- Soft-touch rubber keys for better fingertip feel
- Piezoelectric sounder with beeps to indicate system status and entry/exit delay
- Compact and easy to install
- Door that hides the keys for cleaner design (removable)
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Economically priced for the mass market
- Version available in Spanish (6148SP)
- Version available in French (6148FR)
- Version available in Italian (6148IT)
- Version available in Portuguese (6148PG)
- Compatible with all residential VISTA® Plus controls



(shown without door)

### Fixed-English

#### 6150

- Fixed-English LCD display keypad
- Four fully programmable function keys
- Single button or quick key operation
- Soft-touch rubber keys are continuously backlit for greater visibility
- Piezo electric sounder with beeps to indicate system status and entry/exit delay
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- LED indicators of system “armed” or “not armed and ready to arm”
- Door to hide the keys for cleaner design (removable)
- Compatible with all residential VISTA Plus controls



(shown without door)

### Custom Alpha

#### 6160

- Large 32 character alpha display provides system status and zone information in plain English
- Zones can be customized (e.g. Jen's Bedroom, Boiler Room, etc.) so end-users can react quicker in an emergency situation
- Four programmable function keys
- Soft-touch rubber keys are continuously backlit for greater visibility
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Speaker with audible beeps to indicate system status, exit/entry delay and alarm conditions
- LED indicators of system “armed” or “not armed and ready to arm”
- Compatible with all VISTA controls





## BUILT-IN WIRELESS (RF) OR HARDWIRED ZONE EXPANSION KEYPADS

### Wireless (RF) Zone Expansion

By combining our keypads with a built-in 5800 wireless transceiver you have an integrated design that cuts installation time, reduces material costs and makes all your systems bidirectional wireless ready. The keypad is usually mounted by the front door which is a centralized location in the home and great for optimal wireless range.



#### 6150RF

- Fixed-English LCD display keypad
- Integrated 16-zone wireless transceiver for bidirectional wireless add-ons
- One on-board relay
- Four fully programmable function keys
- Single button or quick key operation
- Soft-touch rubber keys are continuously backlit for greater visibility
- Piezo electric sounder with beeps to indicate system status and entry/exit delay
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Door to hide the keys for cleaner design (removable)
- LED indicators of system “armed” or “not armed and ready to arm”
- Compatible with all residential VISTA® Plus controls



#### 6160RF

- Large 32-character alpha display provides system status and zone information in plain English
- Integrated, unlimited zone wireless transceiver for bidirectional wireless add-ons
- Zones can be customized (e.g. Jen's Bedroom, Boiler Room, etc.) so end-users can react quicker in an emergency situation
- Four programmable function keys
- Soft-touch rubber keys are continuously backlit for greater visibility
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Speaker with audible beeps to indicate system status, exit/entry delay and alarm conditions
- LED indicators of system “armed” or “not armed and ready to arm”
- Compatible with all VISTA controls

### Hardwired Zone Expansion

By combining our keypads with a built-in hardwired zone expander you have an integrated design that cuts installation time and reduces material costs. The 6164 also includes a relay which is ideal for garage door expansion.



#### 6151

- Fixed-English LCD display keypad
- Integrated hardwired zone (1) on-board
- Four fully programmable function keys
- Single button or quick key operation
- Soft-touch rubber keys are continuously backlit for greater visibility
- Piezo electric sounder with beeps to indicate system status and entry/exit delay
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Door to hide the keys for cleaner design (removable)
- LED indicators of system “armed” or “not armed and ready to arm”
- Compatible with VISTA-15P, VISTA-20P, VISTA-21iP and SIA and CN equivalent Plus controls



#### 6164US

- Large 32-character alpha display provides system status and zone information in plain English
- Integrated hardwired zones (4) on-board
- Integrated relay (1) on-board
- Zones can be customized (e.g. Jen's Bedroom, Boiler Room, etc.) so end-users can react quicker in an emergency situation
- Four programmable function keys
- Soft-touch rubber keys are continuously backlit for greater visibility
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Speaker with audible beeps to indicate system status, exit/entry delay and alarm conditions
- LED indicators of system “armed” or “not armed and ready to arm”
- Compatible with VISTA-15P, VISTA-20P, VISTA-21iP and SIA and CN equivalent Plus controls

## PROX AND VOICE KEYPADS

### Prox

By combining our keypads with a built-in proximity reader, your customers can arm and disarm their system with the simple swipe of the prox tag. This helps to alleviate the need to remember codes which is the primary false alarm generator in the industry. The prox tag technology is already widely accepted by consumers with supermarket and gas station tags and is small enough to easily fit on a keychain.



(shown without door)

### 6160PX

- Large 32-character alpha display provides system status and zone information in plain English
- Integrated proximity reader for easy system operation
- Two prox tags are included (additional tags can be sold separately)
- Zones can be customized (e.g. Jen's Bedroom, Boiler Room, etc.) so end-users can react quicker in an emergency situation
- Four programmable function keys
- Soft-touch rubber keys are continuously backlit for greater visibility
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Speaker with audible beeps to indicate system status, exit/entry delay and alarm conditions
- LED indicators of system "armed" or "not armed and ready to arm"
- Compatible with all addressable VISTA® controls

### Voice

These keypads actually talk, annunciating the type of alarm and location of alarm during an emergency, giving your customers more time to act appropriately when seconds count. It has a built-in message center that allows family members to record and playback messages left each other alleviating messy post-it notes.



(shown without door)

### 6150V

- Fixed-English LCD display keypad
- Voice annunciation of
  - Type of alarm
  - Location of alarm
  - System status
- Family message center – record and playback messages left on keypad
- Four fully programmable function keys
- Single button or quick key operation
- Soft-touch rubber keys are continuously backlit for greater visibility
- Piezo electric sounder with beeps to indicate system status and entry/exit delay
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Door to hide the keys for cleaner design (removable)
- LED indicators of system "armed" or "not armed and ready to arm"
- Wireless version available (5828V)
- Compatible with all VISTA Plus controls



(shown without door)

### 6160V

- Large 32-character alpha display provides system status and zone information in plain English
- Voice annunciation of
  - Type of alarm
  - Location of alarm
  - System status
- Family message center – record and playback messages left on keypad
- Zones can be customized (e.g. Jen's Bedroom, Boiler Room, etc.) so end-users can react quicker in an emergency situation
- Four programmable function keys
- Soft-touch rubber keys are continuously backlit for greater visibility
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Speaker with audible beeps to indicate system status, exit/entry delay and alarm conditions
- LED indicators of system "armed" or "not armed and ready to arm"
- Compatible with all VISTA controls

## WIRELESS AND SLIMLINE KEYPADS

### Wireless Keypads

Wireless keypads drastically reduce installation and labor costs associated with a second keypad. Since there are no wires to run, the keypad is portable – allowing the end-user to move the keypad with them so they always have system status at their fingertips. There is an optional voice version available that is compatible with both residential VISTA® and LYNX systems.



(shown without door)

#### 5828

- Fixed-English LCD display keypad
- Fully wireless with (3) AA batteries included
- Optional AC adaptor for always-on operation
- Optional desk mount for stability
- Four fully programmable function keys
- Single button or quick key operation
- Soft-touch rubber keys are continuously backlit for greater visibility
- Piezo electric sounder with beeps to indicate system status and entry/exit delay
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- LED indicators of system “armed” or “not armed and ready to arm”
- Door to hide the keys for cleaner design (removable)
- Compatible with LYNX and residential VISTA systems (VISTA-10P, 15P, 20P and 21iP)



(shown without door)

#### 5828V

- Fixed-English LCD display keypad
- Voice annunciation of
  - Type of alarm
  - Location of alarm
  - System status
- Family message center
  - record and playback messages left on keypad
- Fully wireless with (3) AA batteries included
- Optional AC adaptor for always-on operation
- Optional desk mount for stability
- Four fully programmable function keys
- Single button or quick key operation
- Soft-touch rubber keys are continuously backlit for greater visibility
- Piezo electric sounder with beeps to indicate system status and entry/exit delay
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Door to hide the keys for cleaner design (removable)
- LED indicators of system “armed” or “not armed and ready to arm”
- Compatible with LYNX and residential VISTA systems (VISTA-10P, 15P, 20P and 21iP)

### Slimline Keypads

These keypads are compact in size and have a portrait design, making them a perfect fit for tight spaces. The unique look and ability to display three-digit zone numbers opens up more application opportunities, while the built-in tamper adds another layer of security for added piece of mind.



(shown without door)

#### 6149EX

- Fixed-English LCD display keypad
- Four fully programmable function keys
- Single button or quick key operation
- Soft-touch rubber keys are continuously backlit for greater visibility
- Piezo electric sounder with beeps to indicate system status and entry/exit delay
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- LED indicators of system “armed” or “not armed and ready to arm”
- Door to hide the keys for cleaner design (removable)
- Compatible with all residential VISTA Plus controls



(shown without door)

#### 6165EX

- Large 32-character alpha display provides system status and zone information in plain English
- Zones can be customized (e.g. Jen’s Bedroom, Boiler Room, etc.) so end-users can react quicker in an emergency situation
- Four programmable function keys
- Soft-touch rubber keys are continuously backlit for greater visibility
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Speaker with audible beeps to indicate system status, exit/entry delay and alarm conditions
- LED indicators of system “armed” or “not armed and ready to arm”
- Compatible with all VISTA controls



## COMMERCIAL FIRE CUSTOM ALPHA KEYPAD



### Commercial Fire Alpha Keypad

#### 6160CR-2

- Large 32-character alpha display provides system status and zone information in plain English
- Meets UL864 commercial fire listing
- Has seven status LEDs to indicate:
  - Armed (Red)
  - Ready (Green)
  - Power (Green)
  - Fire Alarm (Red)
  - Silenced (Yellow)
  - Supervisory (Yellow)
  - Trouble (Yellow)
- Zones can be customized (e.g. Jen's Bedroom, Boiler Room, etc.) so end-users can react quicker in an emergency situation
- Four programmable function keys
- Optional labels with customized dealer logo can be affixed to keypad (separate charge)
- Speaker with audible beeps to indicate system status, exit/entry delay and alarm conditions
- Compatible with all VISTA® Plus fire controls



## NOTES:

[illegible]



## Wireless Products

Honeywell's quick-install wireless devices, with their rock-solid stability and long battery life, were built with the security professional in mind—giving you the opportunity to sell a full range of exciting options that make systems easier than ever to operate. Honeywell also offers the industry's most flexible, convenient and cost-effective UL-listed commercial grade wireless solutions.

### THIS SECTION INCLUDES:

#### ADEMCO®

- Door & Window Sensors
- Glassbreak Detectors & Shock Sensors
- Environmental Sensors
- Motion Sensors
- Asset Protection
- Smoke, Heat & CO Detectors
- Remote Controls
- Receivers
- Accessories
- Wireless Keypads

#### Street Smart User Interfaces

All 5800 Series transmitters work across the receiver families unless otherwise noted.

*"Honeywell wireless door and window contacts not only have improved the aesthetics of our jobs with their sleek appearance, but have simplified installation and allowed us to be more competitively priced. They go almost unnoticed with their ultra small profile and sleek appearance."*

*John Lindberg, President  
—Dial One General Electronic Security, Inc.  
Cincinnati, OH*



### Wireless

There's a simple reason why Honeywell's patented 5800 Series is the premier name in wireless. Reliability. Of course, it doesn't hurt that the 5800 Series is also the most flexible, convenient and cost-effective wireless security in the industry today. But don't just take our word for it – ask the thousands of dealers around the world who have used 5800 Series devices on millions of installations. They'll tell you that they make even the most labor-intensive installations quicker and more profitable.



**NEW**

#### 5816OD Outdoor Wireless Contact/Transmitter

Honeywell's robust 5816OD is a weatherproof, water-resistant outdoor wireless transmitter that provides excellent detection and performance in extreme temperatures. It operates in temperatures from -40° F to 150° F (-40° C to +66° C), (100% RH). The 5816OD also contains two unique zones. The first loop is a normally closed circuit contact that can have external devices wired directly to it. The second loop is a built-in magnetic reed switch that can be used to protect gates, sheds, detached garages or any other outdoor area with an exit/entry point. It is also an ideal way to protect outdoor equipment when using outdoor rated magnetic pull apart contacts. With its dark gray housing, the 5816OD blends well with most outdoor surroundings and can be custom-painted\* to match its mounting surface.

\*Recommended Paints: Krylon® "Fusion for Plastic", Rust-Oleum® "Plastic" and Dupli-Color® "Vinyl & Fabric Coating"

All trademarks are properties of their respective owners.



## DOOR AND WINDOW SENSORS



**NEW**



### 5800RPS

#### Wireless Recessed Transmitter

- Single-zone transmitter
- Ideal for ornate doors
- Includes a fully supervised replaceable lithium battery
- Dimensions: 1" L x 3/4" D 8" antenna



### 5811

#### Thin Door/Window Contact Transmitter

- Single-zone transmitter
- Sleek design virtually disappears
- Transmits supervisory, tamper and low battery
- Easy-to-open case requires no special tools
- Case tamper protection
- Magnet included
- Ideal for double-hung windows
- 3V lithium battery included
- Dimensions: 2-1/8" H x 1-3/16" W x 1/4" D

**ALSO AVAILABLE:**

**5811BR** – Brown



### 5814

#### Ultra Small Door/Window Transmitter

- Single-zone transmitter
- Extremely compact
- Transmits supervisory, tamper and low battery
- Features a built-in reed switch and tamper
- Magnet included
- Includes a fully supervised replaceable CR2430 battery
- Dimensions: 1-1/2" H x 1-3/16" W x 5/8" D



### 5800Micra

#### Recessed Window Transmitter

- Single-zone transmitter
- Smallest wireless recessed transmitter on the market
- Magnet included
- Includes a fully supervised replaceable battery
- Dimensions: 3/4" diameter, 1/3" long



### 5816

#### Door/Window Transmitter

- Two-zone transmitter
- Easy open case (no tool required)
- Transmits supervisory, tamper and low battery
- Includes a fully supervised replaceable CR123 battery
- Dimensions: 3-1/16" H x 1-9/16" W x 1-3/16" D

**ALSO AVAILABLE:**

**5816MN** – Mini Door/Window Transmitter

**5816WMWH** – Door/Window Transmitter with magnet (White)

**5899** – 4-pack of magnets (White)

**5816WMBR** – Door/Window Transmitter with magnet (Brown)

**5816BR** – 3-pack (Brown) cases

**5898BR** – 10-pack of magnets (Brown)



### 5815

#### Door/Window Transmitter

- Two-zone transmitter
- Dual reed switches for horizontal or vertical mounting
- Transmits supervisory, tamper and low battery
- Magnet included
- Includes a fully supervised replaceable CR123 battery
- Dimensions: 3" H x 1-1/2" W x 7/8" D

**ALSO AVAILABLE:**

**5899B** – 4-pack of spare magnets (White)

## GLASSBREAK DETECTORS & SHOCK SENSORS



### 5817

#### Door/Window Transmitter

- Three-zone transmitter
- Includes a fully supervised replaceable CR123 battery
- Supports NC/NO
- Supports fast response zone type
- Dimensions: 3-1/2" H x 1-9/16" W x 1-3/16" D



### 5817CB

#### Commercial Transmitter

- Three-zone transmitter
- First loop (primary loop) – supervised and used for high-priority alarm reporting; normally open
- Second loop – built-in, normally closed reed switch used in conjunction with magnet
- Third loop – normally closed household burglary loop
- Includes a fully supervised replaceable CR123 battery
- Dimensions: 3-1/2" H x 1-9/16" W x 1-3/16" D



### 5818MNL

#### Mini Recess Transmitter

- Recess mount for concealed protection
- Includes an easily replaceable AAA lithium battery
- Transmitter: 3" L x 3/4" D
- Magnet: 1/2" L x 3/8" D



### 5820L

#### Slimline Door/Window Transmitter

- Slimline transmitter with magnet
- Front/rear case tamper
- Magnet included
- Includes an easily replaceable AAA lithium battery
- Dimensions: 3" H x 1/2" W x 5/8" D

#### ALSO AVAILABLE:

**5899B** – 4-pack of spare magnets (White)



## GLASSBREAK DETECTORS & SHOCK SENSORS



### 5800SS1

#### Window Shock Sensor

- Protects up to a 10' x 10' area of glass
- Mounts quickly and easily without having to remove the cover
- Protects all types of glass
- Perfect for sliding doors, skylights and picture windows
- Includes a fully supervised replaceable CR2 battery
- Dimensions: 1-3/5" H x 1-3/5" W x 4/5" D



### 5819

#### Shock Processor and Transmitter

- Provides three zones for total protection
  - Closed loop shock sensing and processing (shock sensor sold separately)
  - External contact loop
  - One built-in reed switch
- Adjustable pulse count and response sensitivity settings to meet demanding application requirements
- Includes a fully supervised CR123 battery
- Dimensions: 4-3/4" H x 1-1/2" W x 1" D



### 5819WHS

#### Shock Processor and Transmitter with Integrated Shock Sensor

- Provides three zones for total protection
  - Closed loop shock sensing and processing with shock sensor included
  - External contact loop
  - One built-in reed switch
- Adjustable pulse count and response sensitivity settings to meet demanding application requirements
- Includes a fully supervised CR123 battery
- Dimensions: 4-3/4" H x 1-1/2" W x 1" D

**ALSO AVAILABLE:**  
**5819BRS** – Brown



### 5853

#### Glassbreak Detector

- Four selectable sensitivity settings (Max, Medium, Low and Lowest)
- 25 foot range
- Covers all glass types
- Remote test mode activation
- Includes two fully supervised, easily replaceable CR123 batteries
- Easy installation using the FG-701 remote glassbreak simulator
- Dimensions: 5" H x 3" W x 1-1/10" D



## ENVIRONMENTAL SENSORS



Honeywell's 5821 is a versatile wireless device that can be configured to operate as either a standalone temperature sensor and/or a remote temperature sensor or flood detector. It is ideally suited for a wide range of applications including bathrooms, laundry rooms and basements.



### 5821

#### Temperature Sensor and Flood Detector

- Can detect low temperature before pipes burst
- Five selectable temperature ranges
- Local or remote temperature probe
- Transmits supervisory, tamper and low battery
- Includes a fully supervised, replaceable CR123 battery (up to 10 year battery life)
- Dimensions: 3-1/10" H x 1-3/5" W x 1" D

#### ALSO AVAILABLE:

##### Remote Probes

**T280R** – Temperature Probe

**470PB** – Remote Water Probe

#### T280R



#### 470PB



## 5800PIR SERIES INDOOR MOTION DETECTORS



### 5800PIR-RES

#### Residential Wireless PIR

- Range 35' x 40'
- 80 lbs. pet immunity
- Dimensions: 3-3/8" H x 2-3/8" W x 1-1/2" D
- Temperature range 14° F to 131° F (-10° C to 55° C)



#### Faster and simpler installation

- Easy opening case with no pcb to remove for installation
- No mounting height adjustments
- Covered pcb for fewer damaged parts on installation
- Automatic walk test – lasts 10 minutes on power up
- No screws, DIP switches or jumpers to program

#### Fewer service calls

- Longer battery life versus 5890/PI
- End-user replaceable batteries
- Walk test automatically turns off so installer does not forget to set jumper back

#### Improved aesthetics and user acceptance

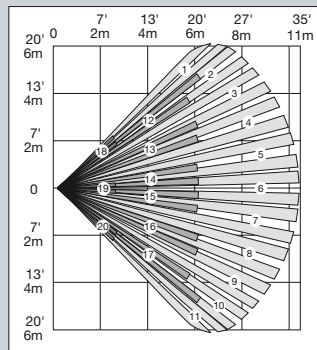
- Over 50% smaller than 5890/PI and 5894PI
- Family look
- Spare cases can be painted
- LED light pipe hidden

Spare cases can be painted

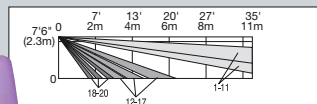


#### 5800PIR/5800PIR-RES

##### Top View



##### Side View



## 5800PIR SERIES INDOOR MOTION DETECTORS



### 5800PIR

#### Wireless PIR

- Range 35' x 40'
- 0 or 80 lbs. pet immunity (selectable)
- Dimensions: 3-3/8" H x 2-3/8" W x 1-1/2" D
- Temperature range 14° F to 131° F (-10° C to 55° C)

#### Faster and simpler installation

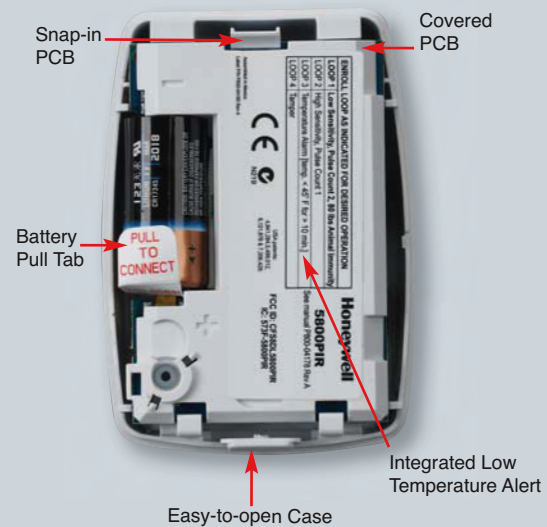
- Easy opening case with no pcb to remove for installation
- No mounting height adjustments
- Covered pcb for protection during installation
- Automatic walk test – lasts 10 minutes on power up and tamper
- No screws, DIP switches or jumpers to program
- Flashlight walk test – can be turned on with a flashlight
- Pet Immune and No Pet in 1 unit (loop 1 or 2)
- Look down zone (optional)

#### Fewer service calls

- Longer battery life versus 5890/PI
- End-user replaceable batteries
- Walk test automatically turns off so installer does not forget to set jumper back
- Remotely programmable (via compass)
- UV tolerant lens

#### Increase RMR/content per sale

- Low temperature sensor (< 45° F)





## 5800PIR SERIES INDOOR MOTION DETECTORS



### 5800PIR-COM

#### Wireless Commercial PIR

- Range 60' x 80' or 100' x 20'
- Dimensions: 3-3/8" H x 2-3/8" W x 1-1/2" D
- Temperature range -4° F to 131° F (-20° C to 55° C)

#### Faster and simpler installation

- Easy opening case with no pcb to remove for installation
- No mounting height adjustments
- Covered pcb for protection during installation
- Automatic walk test – lasts 10 minutes on power up and tamper
- No screws, DIP switches or jumpers to program
- Flashlight walk test – can be turned on with a flashlight
- Look down zone (optional)

Optional Lookdown Storage



#### Fewer service calls

- Longer battery life versus 5890/PI
- End-user replaceable batteries
- Walk test automatically turns off so installer does not forget to set jumper back
- Remotely programmable (via compass)
- UV tolerant lens

#### Improved aesthetics and user acceptance

- Over 50% smaller than 5890/PI and 5894PI
- Family look
- Spare cases can be painted
- LED light pipe hidden

#### Increase RMR/content per sale

- Low temperature sensor (< 45° F)

#### Commercial appeal

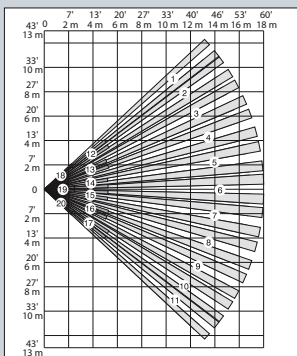
- 60' x 80' pattern or 100' x 20' pattern
- Works to colder temperatures (-20° C/-4° F)
- Self test

#### ACCESSORIES:

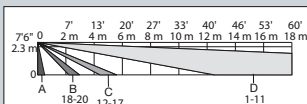
**5800PIRCASE-WH** – White Empty Case for 5800PIR Family

5800PIR-COM Top View

#### Top View



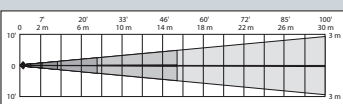
#### Side View



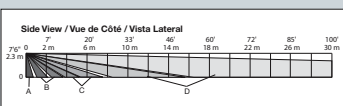
5800PIR-COM

(additional curtain lens included)

#### Top View



#### Side View



## MOTION SENSORS



**Honeywell's 5898 Wireless K-Band DUAL TEC® Motion Sensor provides superior detection and reduces the risk of false alarms.** The combination of PIR and K-Band microwave technologies enable the sensors to distinguish between real intruders and other environmental conditions by "confirming" each other within a defined area of protection.



### 5898 DUAL TEC Motion Detector

#### • Faster and Easier to Install

Specific features that contribute to this benefit include:

- Automatic walk test
- Flashlight walk test
- Remotely programmable sensitivity
- Circuit board does not need to be removed to install

- Ceiling and wall mounting brackets help to easily direct the pattern where needed
- No mounting height adjustments
- 7' - 9' mounting height means fewer restrictions than current offerings
- Easy opening case
- Covered circuit board reduces risk of installer initiated damage

#### • Fewer Service Calls

Incorrect installation of equipment or changing requirements at the site (e.g., new pets) are no longer a problem with:

- Automatic walk test mode turns on the walk test LED for ten minutes. Walk test mode can also be triggered with a flashlight.
- Remotely programmable sensitivity
- Longer battery life
- End-user replaceable batteries
- Black bug guard means 15% fewer false alarms due to bright lights directed into the PIR
- UV protected lenses

#### • Hot or Cold Temperature Alert

- (< 45° F) warns when temperatures are approaching the freezing point
- (> 95° F) warns when temperatures are rising too high

#### • Pet/Animal Immunity

- 0, 50 or 100 lbs (0, 22.6 or 45 Kg) when used with the animal immune lens (included)

#### • Sensitivity

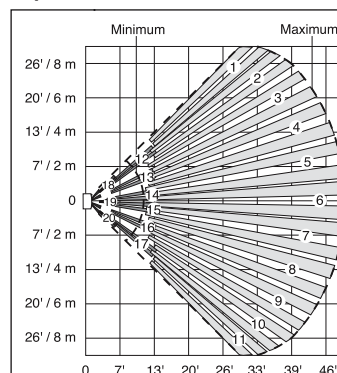
- Remotely selectable
- Loop 1 = Pulse count 2 [50 lbs or 100 lbs of pet immunity]
- Loop 2 = Pulse count 1 [0 lbs of pet immunity]

#### • Range

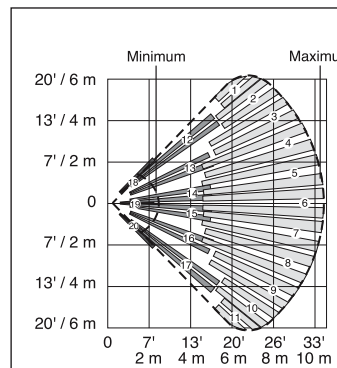
- 50' x 60' (15m x 18m); 90° wide angle
- 44 zones (22 long range, 12 intermediate, 6 lower, 4 look-down)
- 35' x 40' (11m x 12m); 90° wide angle
- 102 zones (44 long range, 36 intermediate, 18 lower, 4 look-down)

US Patent 7,654,784

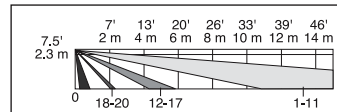
### 50'/15m Wide Angle Lens 5898 DUAL TEC Top View



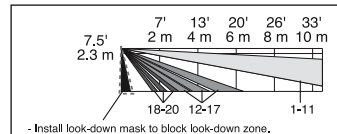
### 35'/11m Animal Immune Lens 5898 DUAL TEC Top View



### 50' x 60', (15m x 18m); 90° wide angle Side View



### 35' x 40', (11m x 12m); 90° wide angle Side View



- Install look-down mask to block look-down zone.

## OUTDOOR SENSORS

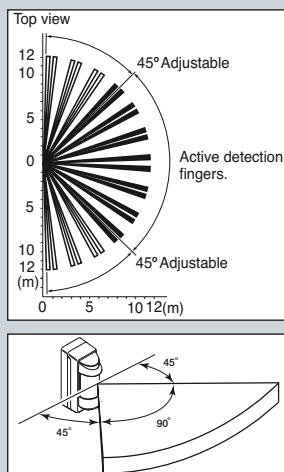
Honeywell's outdoor motion sensors are an ideal solution for outdoor sensing needs in difficult to wire locations—avoiding the costs and time to trench hardwired solutions. They are perfect for both residential (activity monitors, e-mail alerts, turning on video cameras) and commercial (protecting copper theft, utility and electrical substations, cellular sites, commercial buildings, car lots and more) applications.



### 5800PIR-OD

#### Wireless Outdoor Motion Sensor

- Range adjustable from 7 feet/2.1 meters up to 40 feet/12 meters
- 90 degree adjustable pattern
- Large and small animal immune
- Operating temperature -4° F to 122° F (-20° C to 50° C)
- Pole mounting kit included
- 2.7-4.0 foot mounting height (0.8-1.2 meters)
- Dual passive infrared design—both PIRs must trip to declare an alarm
- Pulse count two and four
- Three sensitivity settings
- Includes four fully supervised 1.5V AA lithium batteries
- IP54 weatherproof design
- Dimensions: 7.8" H x 3.2" W x 4.7" D



NEW

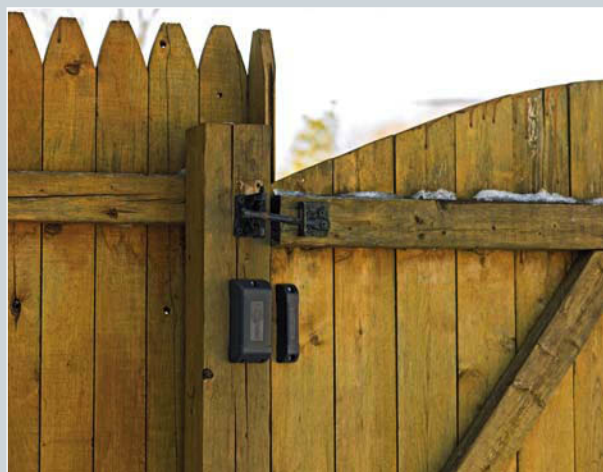


*"An Industry First"*

### 5816OD

#### Outdoor Wireless Contact/Transmitter

- Weather-proof and water-resistant housing makes it ideal for harsh outdoor climates -40° F to 150° F (-40° C to +66° C), (100% RH)
- Maximum magnet gap 1.75" on wood, vinyl and non-metallic surfaces and 1.25" on steel to facilitate easier installation
- Two long life AA lithium batteries, easily replaceable
- Built-in reed switch contact loop
- Built-in wired closed contact loop (for use with external devices)
- Tamper protection-removal of front cover and transmitter from mounting plate
- Magnet and magnet spacer included
- Paintable plastic housing to match any surface





## ASSET PROTECTION



Guard against theft with Honeywell's 5870 Asset Protection Sensor! Utilizing 5800 Series wireless and advanced technology, the device easily affixes to any asset needing to be protected within a home or business. It is ideal for paintings, safes, flat screen TV's, electronics, equipment and more.



### 5870API Indoor Asset Protection Sensor

- Offer an additional layer of protection which is always on (even when the panel is disarmed)
- Ideal for theft protection and alarm verification
- Protect specific assets while complementing the interior space protection
- Quick and easy installation
- Increase content per sale and RMR

#### ALSO AVAILABLE:

**5870API-WH** – White

**5870API-GY** – Gray

### Applications Include:

#### Residential

- Expensive electronics
- House safe/gun safe
- Paintings
- Antiques and collectibles

#### Commercial

- Museums and art galleries (paintings and sculptures)
- Universities and schools (computers, projectors, laboratory equipment)
- Office (printers, copiers, computers and cash box)
- Construction sites (tools and building materials)



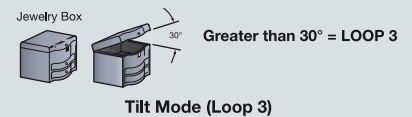
### Modes of Operation



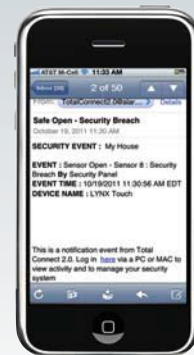
High Security (Fast Trigger) Mode (Loop 1)



Standard Security Mode (Loop 2)



Tilt Mode (Loop 3)



Works great  
with Honeywell  
Total Connect™

Award Winning Total Connect Remote Services



## LIFE SAFETY



Honeywell's life safety devices range from easy-to-use, portable devices that can summon help in the event of an emergency to wireless smoke and heat detectors for extra protection and peace of mind.

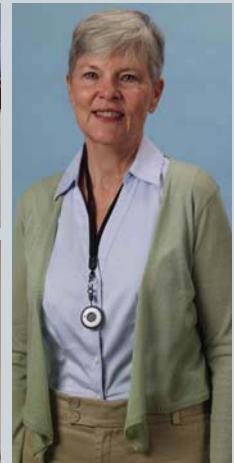
**NEW**



### **5802WXT** **5802WXT-2 (two-button)**

#### **Personal Panic Transmitters**

- Fully supervised portable panic transmitter
- Multi-wear accessories – pendant, wristband, belt clip, wall mount and keychain
- Water resistant
- Tactile feel keys and LED indication that transmission was sent
- Long-life replaceable lithium batteries
- Compatible with Honeywell 5800 Series wireless system
- Dimensions: 1.5" (3.9mm) diameter



### **5802MN**

#### **Single-Button Personal Panic**

- Sleek design, fully supervised portable panic
- Single button action
- Use as pendant or belt clip (belt clip included)
- Includes user-changeable lithium battery
- Dimensions: 2-2/5" H x 1-1/2" W x 1/2" D



### **5802MN2**

#### **Dual-Button Personal Panic**

- Sleek design, fully supervised portable panic
- Dual-button action
- Use as pendant or belt clip (belt clip included)
- Includes user-changeable lithium battery
- Dimensions: 2-2/5" H x 2-3/4" W x 1/2" D



### **5869**

#### **Commercial Holdup Switch/Transmitter**

- Designed for inconspicuous operation when mounted under money drawer or counter
- Comes with reset key
- Cover tamper as well as breakaway tamper
- UL 636
- Includes 3V lithium battery
- Dimensions: 1-15/16" W x 5-15/16" H x 1-3/16" D

## LIFE SAFETY



### 5806W3

#### Photoelectric Smoke Detector

- Facilitates fire verification for false alarm reduction required by ANSI/SIA CP-01 standards
- Sends alarm, tamper, maintenance and battery condition messages to the system's receiver
- Equipped with dual LED (green and red) status indicators
- UL 268 – commercial and residential installation
- Includes 3V lithium battery
- Dimensions: 5.3" diameter



### 5808W3

#### Photoelectric Smoke/Heat Detector

- Ideal for commercial and residential use
- Includes built-in fixed temperature (135° F/57.2° C) thermal detector
- Capable of sensing a pre-freeze condition if temperature drops below 41° F (5° C)
- UL 268—commercial and residential
- Includes 3V lithium battery
- Dimensions: 5.3" diameter



### 5809

#### Wireless Heat and Rate-of-Rise Temperature Sensors

- Combines both rate-of-rise and fixed temperature sensors
- Trips at 135° F or when the temperature rises more than 15° per minute
- Mounts on ceiling or wall for maximum installation flexibility
- UL 521 commercial/residential applications
- CSFM commercial/residential applications
- Includes 3V lithium battery
- Dimensions: 4.5" diameter



### 5800CO

#### Wireless Carbon Monoxide Detector

- Sends alarm, trouble, tamper and battery condition messages to the system's receiver
- Equipped with dual LED (green and red) status indicators
- Generates temporal four pattern audible warning in an alarm condition
- Surface-mount to wall or ceiling
- Includes 3V lithium battery
- Dimensions: 5.3" with mounting base diameter

#### ALSO AVAILABLE:

**5800COA** – ULC listed to CAN CSA 6.19.01



### WIRELESS KEYS



The 5800 Series gives you the opportunity to differentiate your business by offering your customers the industry's widest range of wireless keys.

If you value convenience and ease of operation, you will love the new

5834-4EN Wireless Key. Similar in size to a car alarm remote, it offers most of the features of a traditional security keypad with system control at your fingertips.

#### 5834-4EN

##### Four-Button Wireless Key with Plated Bezel and Key Ring

- Plated bezel and key ring
- Additional key ring color options (purchase separately)
- Four buttons with eight programmable functions
- Tactile keys and LED indication that the transmission was sent
- Icons for simple, easy-to understand functions
- Supports both Standard and High-Security encrypted modes
- User replaceable, long-life lithium batteries
- Dimensions: 2-1/4" x 1-1/4" x 1/2"
- Compatible with Honeywell's 5800 Series wireless products

#### 5834-4

##### Four-Button Wireless Key



- Four buttons with eight programmable functions
- Tactile keys and LED indication that the transmission was sent
- Icons for simple, easy-to understand functions
- Supports both Standard and High-Security encrypted modes
- User replaceable, long-life lithium batteries
- Dimensions: 2-1/4" H x 1-1/4" W x 1/2" D
- Compatible with Honeywell's 5800 Series wireless products

#### 5834-2

##### Two-Button Wireless Key



- Two buttons
- Tactile keys and LED indication that the transmission was sent
- Icons for simple, easy-to understand functions
- Supports both Standard and High-Security encrypted modes
- User replaceable, long-life lithium batteries
- Dimensions: 2-1/4" x 1-1/4" x 1/2"
- Compatible with Honeywell's 5800 Series wireless products



#### 5804BD

##### Four-Button Wireless Bidirectional Key

- Four completely programmable buttons
- Provides visual and audible system status feedback
- Includes user-replaceable, long-life lithium batteries
- Recessed keys
- Two-button panic
- Requires 5800TM system status transmitter or 6150RF/6160RF/5883H
- Remote activation of lights, appliances and garage doors (additional equipment needed for lights, appliances and garage doors)
- Dimensions: 4" H x 2" W x 5/8" D



#### 5878

##### Wireless Remote Keypad

- Eight programmable functions
- Includes user-replaceable, long-life lithium batteries
- Two-button panic

**Compatible with:** All LYNX controls and VISTA® with 5800 receiver

**It talks!**

#### 5804BDV

##### Four-Button Talking Bidirectional Key



- Four completely programmable buttons
- Speaks system status in plain-English
- Includes user-replaceable, long-life lithium batteries
- Two-button panic
- Recessed keys
- Requires 5800TM system status transmitter or 6150RF/6160RF/5883H
- Remote activation of lights, appliances and garage doors (additional equipment needed for lights, appliances and garage doors)
- Dimensions: 4" H x 2" W x 5/8" D

### RECEIVERS

#### ADEMCO®



#### 5881ENL, 5881ENM, 5881ENH Receivers

- Connects to four wire keypad data lines
- Supports all 5800 Wireless Series non-bidirectional wireless devices (bidirectional devices are compatible with use of 5800TM)
- UL Listed for commercial fire applications
- Dimensions: 4-3/8" H x 7-3/8" W

**5881ENL** – up to 8 zones

**5881ENM** – up to 16 zones

**5881ENH** – unlimited zones

#### 5881ENHC

##### Commercial Wireless Receiver

- Front and back tamper for commercial fire/burglary installations
- One or two receivers can be used to provide redundant coverage or extend coverage in large areas (panel dependent)
- Unlimited wireless zones
- Spatial Diversity System virtually eliminates “nulls” and “dead spots” within the coverage area
- Connects to control panel via the keypad bus
- UL Listed for commercial fire/burglary applications

#### 5883H

##### High Security Transceiver Module

- Receiver and 5800TM system transmitter built-in
- Unlimited wireless zones
- Compatible with all 5800 Series wireless devices
- Supports Honeywell ADEMCO bidirectional devices: 5804BD, 5804BDV, 5828, 5828V, 5839, 5800WAVE, 5800RPL and 5800RP

Compatible with all VISTA® control panels



6150RF



6160RF

**ALSO AVAILABLE:** (in Keypad section)

**6150RF** – Deluxe Fixed English Integrated Keypad/Receiver

**6160RF** – Deluxe Custom Alpha Integrated Keypad/Receiver

**NEW**



#### 5800ZBRIDGE

The Z-Bridge controls Z-Wave® enabled thermostats and lights automatically when it receives the armed “away” or “disarm” signal from a LYNX or VISTA (with RF keypad) control panel.

#### 5800ZBRIDGE

- Wireless set back control of Z-Wave enabled thermostats
- Wireless on/off control of Z-Wave lighting devices
- Supports up to
  - Two individual Z-Wave enabled thermostats
  - Two individual Z-Wave lighting devices
- Sends thermostat set-back/lights off when security system is armed “away”
- Sends thermostat run /lights on when security system is “disarmed”
- LED indicator of system armed “away” or “stay” and “ready to arm”
- Compatible with all LYNX controls and VISTA Plus (with RF keypad) controls
- Power: 12VDC transformer included
- Dimensions: 4-1/2" x 2- 3/4" x 1/4"

## ACCESSORIES



### 5800RP

#### Wireless Repeater

- Extends the range of 5800 Series wireless devices
- Receives alarm, status and control messages from 5800 RF devices and repeats these messages to the control panel via the primary receiver
- Compatible with all 5800 wireless devices (including bidirectional devices)
- UL Listed for residential burglary
- AC powered with a six-hour battery back up
- Dimensions: 4-3/8" H x 7-3/8" W



### 5800TM

#### Transmitter Module

- Sends system status/message back to bidirectional wireless devices
- Allows upsell opportunities to add bidirectional wireless devices to existing RF system
- Gives homeowners system status before they enter the premises
- Dimensions: 4-1/8" H x 2-1/4" W x 7/8" D



### 5800WAVE

#### Wireless Siren

- Siren output level is 95 dB at three feet
- Transmits status, tamper, low battery, supervisory and AC loss messages
- AC powered with a rechargeable 12-hour battery backup
- Plugs in to any standard duplex receptacle
- Dimensions: 7-1/2" H x 4-1/2" W x 2-1/4" D



### 5843

#### Wireless Switch Module

- Controls multiple functions with the same keyfob used to control the security system
- Works with up to eight wireless keys
- Supports encrypted and non-encrypted operation
- Activates any device requiring momentary closure
- Dimensions: 5" H x 2-3/4" W



## WIRELESS KEYPADS

With no wires to run, wireless keypads cut installation time and labor costs.



### 5828V

#### Wireless Talking Fixed English Keypad

- Speaks system status and zone information in plain English
- Family message center
- Four programmable function keys for single button operation
- Includes (3) AA batteries or can use AC adapter for “always on” operation
- Optional deskmount to sit on any surface in the home (5828DM)

**Compatible with** LYNX\* out of the box and VISTA® controls through a 6160RF/6150RF or 5883H



### 5828

#### Wireless Fixed English Keypad

- Displays system status and zone information
- Four programmable function keys for single button operation
- Includes (3) AA batteries or can use optional AC adapter for “always on” operation
- Optional deskmount to sit on any surface in the home (5828DM)

**Compatible with** LYNX\* out of the box and VISTA controls through a 6160RF/6150RF or 5883H



### 5839

#### Wireless Custom Alpha Keypad

- Large, 32-character display provides system status and zone information in plain English
- Four programmable keys
- Powered with a 9V battery or an optional AC adapter for “always on” operation 9V (battery included)

**Compatible with** all VISTA controls through a 5883H receiver

*\*Not compatible with all revisions.*

## USER INTERFACES

Honeywell's Street Smart Series gives you the capability of adding wireless remote control to any professional security system.



### **CE3** **Code Encryptor 3** **Four-Button Universal** **Receiver/Remote Kit**

- Arm, disarm and two-button panic directly through the data bus using no zones
- Garage door access up to two doors using secure encrypted codes
- Easy installation, self-identifies to virtually any security panel
- LED status light gives visual confirmation of arm and disarm
- Includes user-replaceable battery



### **CE2Y-2** **Code Encryptor II** **Three-Button Universal** **Receiver/Remote Kit**

- Arm, disarm and panic directly through the data bus using no zones
- Garage door access using secure encrypted codes
- Easy installation, self-identifies to virtually any security panel
- LED status light gives visual confirmation of arm and disarm
- Two relay outputs when standalone
- Includes user-replaceable battery



### **WEL-Y** **Wireless Emergency Line** **Universal Panic Receiver/Remote Kit**

- Medical or police, instant or delayed/panic via the keypad data bus
- Water-resistant
- Single Form C relay when standalone
- Inexpensive and economical panic button
- Automatic alarm recognition with LED indicator to indicate which alarm panel has been detected
- Includes user-replaceable battery



### **WA6R** **Wireless Automator** **Six Relay Receiver/Remote Kit**

- Six relay outputs - Form C relays
- Four billion encrypted codes allow you to control any device without giving up security
- Each relay can be programmed separately (eight mode options)
- Add up to seven remotes to one receiver
- Includes user-replaceable battery





## Sensors

Honeywell provides a sensor line that's unsurpassed for quality, design and performance. Our field-proven, installation-friendly products, including PIRs, magnetic contacts, DUAL TEC® sensors and FlexGuard®, the world's best-selling line of glassbreak detectors, extend the boundaries of sensor design and are rigorously challenged in state-of-the-art test rooms built to exceed the toughest SIA standards.

### THIS SECTION INCLUDES:

- Motion Detectors
  - DUAL TEC
  - PIRs
  - Accessories
  - V-Plex® Motions
- Access Control Sensors
- Environmental Sensors
- Photoelectric Beams
- Seismic Vibration Sensors
- Glassbreak Detectors
- Indoor Sounders
- Sounding Devices
- Siren Drivers, Bells and Boxes
- Surface Mount Contacts
- Recess Mount Contacts
- Commercial Contacts
- V-Plex Contacts
- Tamper Switches, Brackets and Pre-Wire Plugs
- Hold-Up Switches
- Strobes and Power Supplies

*"The bottom line is glassbreaks give us better protection for the customer. And, they are helping us bring in more sales."*

*Ralph Manento, President  
—Royal Security Services  
Saylorsburg, PA*



## DUAL TEC... The Best of Both Worlds

By combining microwave and PIR technologies, Honeywell's DUAL TEC sensors offer you the best of both worlds—superior detection and fewer false alarms.



Imagine never having to compromise between performance and false alarm prevention again. More dealers are choosing Honeywell's DUAL TEC sensors for this very reason.

The winning combination of microwave and PIR technologies enable the sensors to actually distinguish between real intruders and other environmental conditions. For an alarm to occur with a DUAL TEC, both the PIR and the microwave sensor must "confirm" each other and detect an intruder within the defined protection area. The result? Optimum performance and minimal false alarms.

Honeywell offers a wide range of DUAL TEC sensors—including detectors that provide up to 100 lbs. of pet immunity, wall or ceiling versions and anti-masking devices for high security applications. Choose from hardwired, wireless or V-Plex® polling loop versions for the ultimate installation flexibility.

There is a DUAL TEC to suit any application, from residential and commercial to the most robust industrial environments.

### HARDWIRED DUAL TEC® PIR/MICROWAVE



Honeywell offers the most comprehensive selection of motion detectors in the industry. From traditional PIRs to DUAL TEC sensors, we have the right motion detector to meet any installation challenge in hardwired, wireless or V-Plex® polling loop versions.

#### COMMERCIAL



##### DT906

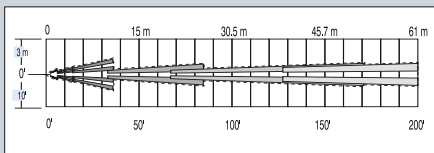
##### Long Range Anti Mask DUAL TEC

- Range: 200' x 15' and 120' x 10'
- Mirror Optics
- Dual coverage patterns - selectable
- Queue Logic event processing
- Selectable sensitivity modes
- Active infrared anti-mask system
- Self-test and continuous supervision
- 6' to 12' mounting height
- Zero Clearance bug guard
- Tampered
- Form C Relay
- Temperature Compensation

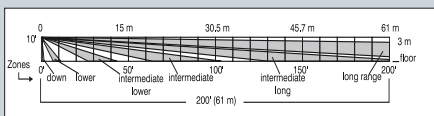
##### ALSO AVAILABLE:

**DT907** - without anti-mask

##### Top View



##### Side View



##### DT900

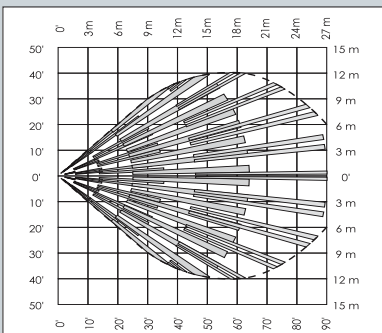
##### Long Range Anti Mask DUAL TEC

- Range: 90' x 70' and 50' x 40' selectable
- Mirror optics
- Dual coverage patterns - selectable
- Queue Logic event processing
- Selectable sensitivity modes
- Active infrared anti-mask system
- Self-test and continuous supervision
- 6' to 12' mounting height
- Zero Clearance bug guard
- Tampered
- Form C Relay
- Temperature Compensation

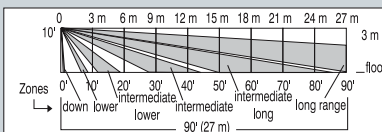
##### ALSO AVAILABLE:

**DT901** - without anti-mask

##### Top View



##### Side View

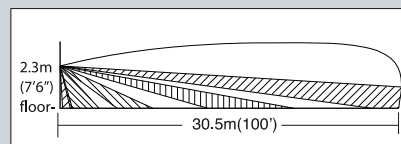


##### DT6100STC

##### Long Range DUAL TEC

- Range: 100' x 20'
- Map Signal Processing
- Temperature Compensation
- Fluorescent Light Filter
- Form C Relay
- Adjustable microwave and PIR settings
- Supervised microwave and PIR
- Trouble output

##### Side View



### HARDWIRED DUAL TEC® PIR/MICROWAVE

#### COMMERCIAL

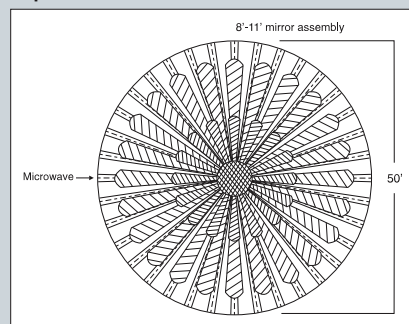


#### DT6360STC

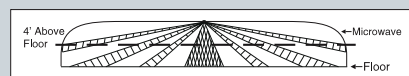
##### Ceiling Mount DUAL TEC

- Range: 50' diameter 360° coverage
- 8' to 16' mounting height
- MAP Processing
- Digital fluorescent light filter
- Surface mount or flush mount
- Front and rear tamper switches
- Selectable pulse count
- Dual Slope Temperature Compensation

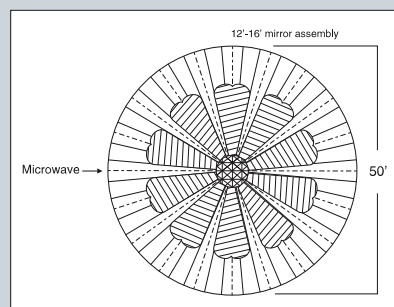
Top View



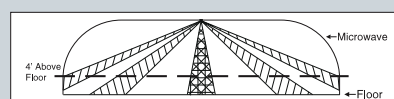
Side View



Top View



Side View

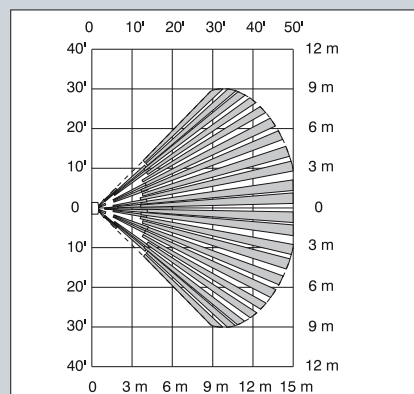


#### DT7550C

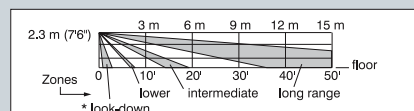
##### Anti-Mask DUAL TEC Motion Sensor

- Range: 50' x 60'
- Form C Relay
- Advanced DualCore Signal Processing
- K-Band technology for better pattern containment and shaping
- Supervision-microwave, PIR and temperature compensation
- Uniform sensitivity optics
- Digital adaptive microwave thresholds
- Digital fluorescent light filter
- Anti-mask detection
- Dual Slope Temperature Compensation
- Patented Zero Clearance Black Bug Guard
- Patented mirror look down
- Trouble output relay
- Perfect when high security and system integrity are important

Top View



Side View



#### DT7450C

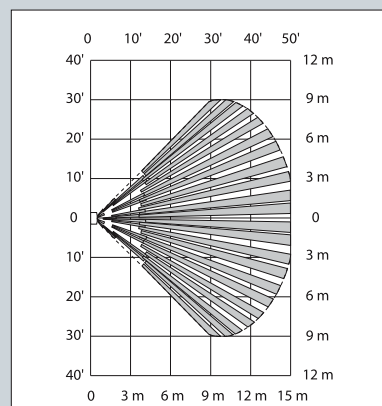
##### Commercial DUAL TEC Motion Sensor

- Range: 50' x 60'
- Advanced DualCore Signal Processing
- K-Band technology for better pattern containment and shaping
- Supervision-microwave, PIR and temperature compensation
- Uniform sensitivity optics
- Digital adaptive microwave thresholds
- Digital fluorescent light filter
- Dual Slope Temperature Compensation
- Patented Zero Clearance Black Bug Guard
- Patented mirror look down

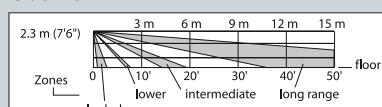
#### ALSO AVAILABLE:

#### DT7450C - Form "C" Relay

Top View



Side View



### HARDWIRED DUAL TEC® PIR/MICROWAVE

#### COMMERCIAL/RESIDENTIAL



#### DT7435

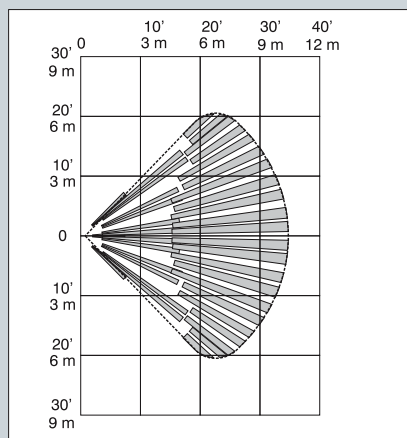
##### DUAL TEC Motion Sensor

- Range: 35' x 40'
- 100 lb. animal immunity
- Advanced DualCore Signal Processing
- K-Band technology for better pattern containment and shaping
- Uniform sensitivity optics
- Digital adaptive microwave thresholds
- Digital fluorescent light filter
- Dual Slope Temperature Compensation
- Patented Zero Clearance Black Bug Guard
- Patented mirror look down
- High security lens included

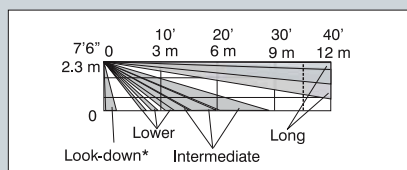
#### ALSO AVAILABLE:

**DT7435C** - Form "C" Relay

Top View



Side View

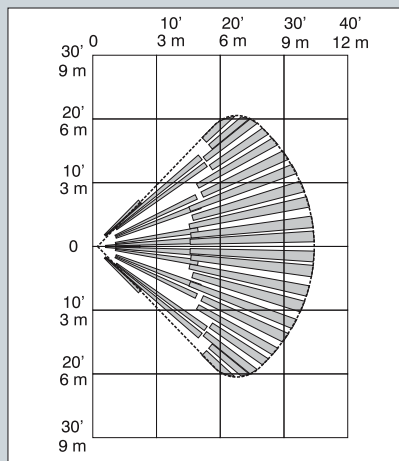


#### DT7235T

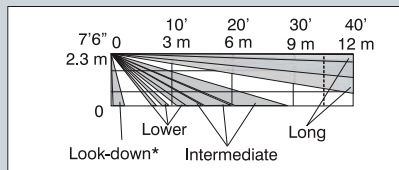
##### DUAL TEC Motion Sensor

- Range: 35' x 40'
- 100 lb. animal immunity
- No adjustments to set
- K-Band technology for better pattern containment and shaping
- Sturdy, attractive housing
- Uniform sensitivity optics
- Temperature compensation
- Patented Zero Clearance Black Bug Guard
- Patented mirror look down
- Microwave supervision

Top View



Side View





FEATURES	DT7000 Series				DT6 Series				DT9 Series		Wireless
	DT7235T	DT7435	DT7450	DT7550C	DT640STC	DT660STC	DT6100STC	DT6360STC	DT900/901	DT906/907	5898
Pet Immune to 100 lbs.	•	•									•
Coverage Pattern	35' x 40'	35' x 40'	50' x 60'	50' x 60'	40' x 40'	60' x 60'	100' x 20'	50' Diam	50' x 40' 90' x 70'	120' x 10' 200' x 15'	50' x 60' 35' x 40'
Signal Processing	Std	Dual Core	Dual Core	Dual Core	MAP	MAP	MAP	MAP	Queue Event Logic	Queue Event Logic	Dual Core
Optical Technology	Uniform Sens	Uniform Sens	Uniform Sens	Uniform Sens	Std	Std	Std	Mirror	Mirror	Mirror	Fresnel Lens
Microwave Frequency Band	K	K	K	K	X	X	X	X	X	X	K
Microprocessor		•	•	•					•	•	•
Environmental Adaptation	•	•	•	•				•	•	•	•
Temperature Compensation	Std	Adv	Adv	Adv	Std	Std	Std	Adv	Adv	Adv	Adv
Digital Fluorescent Filter		•	•	•					•	•	•
Analog Fluorescent Filter					•	•	•	•			
Anti-Masking				•					DT900 only	DT906 only	
Walk Test Mode/LED Disable		•	•	•	•	•	•	•	•	•	•
PIR Sensitivity Adjustment		•	•	•					•	•	•
Microwave Adjustment		•	•	•	•	•	•	•	•	•	•
Vertical/Horizontal Adjustment									•	•	
Trouble Output				•	•	•	•	•	•	•	
Tamper Switch(es)	•	•	•	•	•	•	•	••	•••	•••	••
Alarm Relay Forms	A	A	A	C	C	C	C	C	C	C	RF
LED Indicators	1LED	Tri-Color	Tri-Color	Tri-Color	3LEDs	3LEDs	3LEDs	3LEDs	3LEDs	3LEDs	Tri-color
Microwave Supervision	•	•	•	•	•	•	•	•	•	•	•
PIR Supervision		•	•	•	•	•	•	•	•	•	•
Recommended Mtg Height	7' 6"	7' 6"	7' 6"	7' 6"	7' 6"	7' 6"	7' 6"	8' to 16'	6' to 12'	6' to 12'	7' to 9'
Operating Temperature (°C)	-10 to 55	-10 to 55	-10 to 55	-10 to 55	0 to 49	0 to 49	0 to 49	0 to 49	0 to 49	0 to 49	-20 to 55
Input voltage (VDC)	7.5 - 16	7.5 - 16	7.5 - 16	7.5 - 16	10 - 12.9	10 - 12.9	10 - 12.9	10 - 14.5	10 - 15	10 - 15	4 AA batteries
Maximum Current (ma)	25	30	35	40	35	35	35	40	50	50	N/A
Swivel Bracket Options	SMB-10 SMB-10C SMB-10T	SMB-10 SMB-10C SMB-10T	SMB-10 SMB-10C SMB-10T	SMB-10 SMB-10C SMB-10T	SMB-10 SMB-10T	SMB-10 SMB-10T	SMB-10 SMB-10C SMB-10T		Included	Included	SMB-10 SMB-10C



### Pet Immune to 100 lbs.:

Sensor is immune to pets and other animals with combined weight of 100 lbs. when installation guidelines for pet immunity are followed.

### Coverage Pattern:

Length by width of area protected.

### Signal Processing:

Analysis performed on PIR and microwave signals to determine alarm conditions.

- **DualCore:** Signals are analyzed in multiple domains, including amplitude, time, frequency and duration. Supports functions including diagnostics and other advanced false alarm features.
- **C³:** Correlates data from both channels simultaneously, instead of independently processing each
- **MAP:** Timing and sequence of signals are compared to settings for specific environments to qualify each channel individually
- **Queue Event Logic:** Pulse counting while looking for specific sequences of events
- **Advanced:** Pulse counting with timing relationships
- **Standard:** Basic pulse counting

### Optical Technology:

Technology used to collect infrared radiation for PIR processing.

- **Uniform Sensitivity:** Fresnel lens that provides the same sensitivity at the edge of the pattern as exists directly in front of the sensor
- **Split-Zone:** Zones are split into two sub-zones where each sub-zone has half the sensitivity of a regular zone, requiring targets to be in both zones for an alarm
- **Standard:** Basic Fresnel lens
- **Mirror:** Basic mirror optics

### Microwave Frequency Band:

Frequency at which the microwave signal is radiated and received. Higher frequencies generally penetrate non-metallic objects less than lower frequencies.

- **S-Band:** 2.54 GHz
- **X-Band:** 10.525 GHz
- **K-Band:** 24.125 GHz

### Environmental Adaption:

Microwave thresholds are adapted either in hardware or digitally to remove the effect of low level interference such as ceiling fans.

### Temperature Compensation:

Sensor automatically adjusts PIR thresholds and/or other parameters to adapt to change in ambient temperature relative to human body temperature.

- **Standard:** Compensates at ambient temperatures below body temperature
- **Advanced:** Compensates at ambient temperatures both below and above body temperature

### Digital Fluorescent Light Filter:

Software algorithms provide infinite rejection of microwave interference due to fluorescent lights.

### Analog Fluorescent Light Filter:

Hardware circuitry provides rejection of microwave interferences due to fluorescent lights.

### Anti-Masking:

Detects intentional and accidental blocking of the PIR optics.

### Walk Test Mode:

Determines the coverage pattern and functionality for both the PIR and microwave channels, usually through LED indicators.

### PIR Sensitivity Adjustment:

Selectable option to change the PIR process sensitivity, usually through a DIP switch or jumper link.

### Microwave Sensitivity Adjustment:

Selectable option to change the microwave sensitivity and/or range, usually through a potentiometer.

### Vertical Adjustment:

Capability to adjust the vertical PIR detector position relative to the optics, usually through a vertical shift in the PCB. Usually used to adjust range at different mounting heights, or accurately set the coverage pattern for different lenses or mirrors.

### Horizontal Adjustment:

Capability to shift the PIR zones left or right by a few degrees. Usually used to locate potential false alarm sources, such as a heating vent between zones, or to aim the optics in a particular direction, such as a hallway.

### Trouble Output:

Separate output used to indicate supervision failures and/or anti-mask detection to the control panel.

### Alarm Relay Forms:

Type of output relay used to signal panel when an intrusion is detected.

- **Form A:** Two-terminal relay with Normally Closed output when energized
- **Form C:** Three-terminal relay with both Normally Closed and Normally Open outputs when energized

### LED Indicators:

Light Emitting Diodes used to provide visual feedback about alarm state, supervision, walk test and other modes of operation.

- **One LED:** Single red LED
- **Three LEDs:** Red, green, yellow LEDs, usually with PIR and microwave channels associated with a specific color

### Microwave Supervision:

Automatic self-test of microwave channel for proper operation.

### PIR Supervision:

Automatic self-test of microwave channel for proper operation.

### Recommended Mounting Height:

Suggested height to mount processor for optimal performance. Usually important for pet immune applications.

### Operating Temperature:

Temperature range at which the sensor can be expected to provide adequate protection. UL certification may have a narrower range.

### Input Voltage:

Voltage range at the terminal strip at which the sensor will operate. UL may have certified for a slightly narrower range.

### Swivel Bracket Options:

Brackets used to mount sensors in installations that have special aiming or mounting heights.

### HARDWIRED PIRs

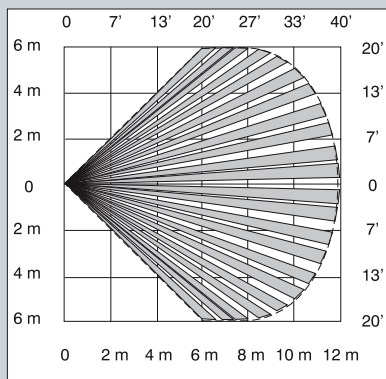


#### IS215T

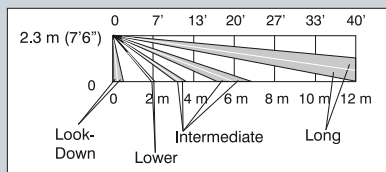
##### Entry Level PIR

- Range: 40' x 40'
- Selectable pulse count
- Uniform sensitivity optics
- Patented look down mirror
- Patented Zero Clearance Black Bug Guard
- Tamper switch

Top View



Side View



#### IS216

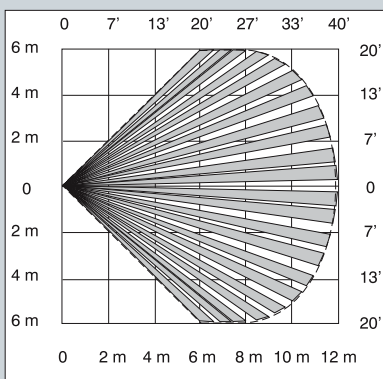
##### Entry Level PIR

- Range: 40' x 40'
- Dual slope temperature compensation
- Microprocessor based
- Selectable pulse count
- Uniform sensitivity optics
- Patented look down mirror
- Patented Zero Clearance Black Bug Guard
- UV tolerant lens

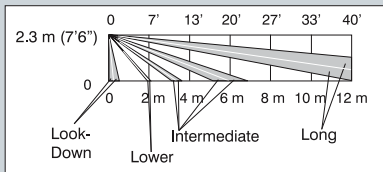
#### ALSO AVAILABLE:

**IS216T** - With tamper switch

Top View



Side View

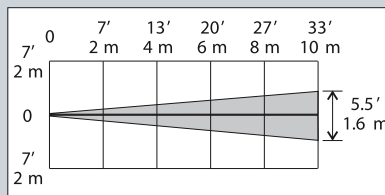


#### IS216T-CUR

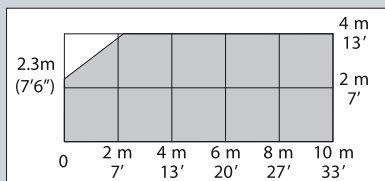
##### Curtain PIR

- Range: 33' x 5.5'
- Dual slope temperature compensation
- Microprocessor based
- Selectable pulse count
- Uniform sensitivity optics
- Patented look down mirror
- Patented Zero Clearance Black Bug Guard
- Tamper switch
- Can be mounted on wall, ceiling or horizontally

Top View



Side View



### HARDWIRED PIRs



#### **AURORA** Pet Immune PIR

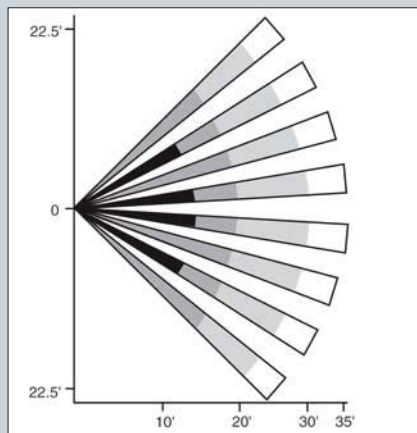
- Range: 35' x 45'
- Pet immunity to 40 lbs.
- Selectable pulse count
- ASIC Signal Processing
- Ultra-low current
- Totally silent relay
- Tamper-proof design
- Bidirectional Temperature Compensation

#### **ALSO AVAILABLE:**

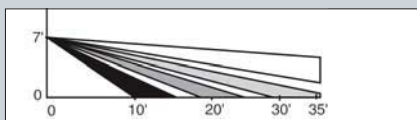
**AURORA-T** – with tamper

**AURORA-PK** – 6-pack

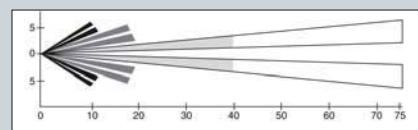
Top View Pet Immune Lens



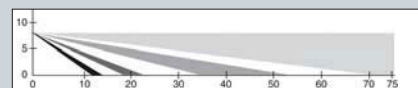
Side View Pet Immune Lens



Top View Long Range Lens



Side View Long Range Lens



*Honeywell designs pet immune sensors for almost any size pet*



### HARDWIRED PIRs



#### IS2500

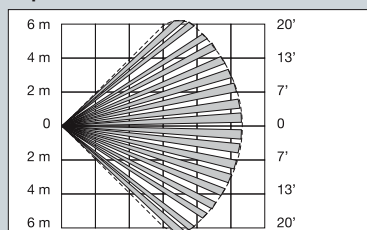
#### IS2500 Series Family of Passive Infrared Motion Sensors

- 45° terminal blocks
- DIP switch programming
- Spare EOL terminals
- Automatic Walk Test mode
- Four sensitivity settings
- 7'5" to 9' (2.3m to 2.7m) mounting height
- Uniform sensitivity optics
- Patented mirror look down
- SIA PIR-01 false alarm compliant
- Dual Slope temperature compensation
- Works with SMB10 family of swivel brackets
- Microprocessor controlled
- Totally silent tamper proof relay

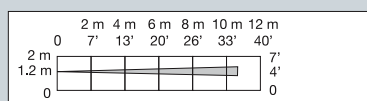
#### ALSO AVAILABLE: IS2500-PALK

#### Pet Alley Lens Kit

Top View



Side View



#### IS2535

#### Selectable Pet Immune PIR Detector

- Range: 35' x 40'
- 0, 40 or 80 lbs. selectable pet immunity

#### ALSO AVAILABLE:

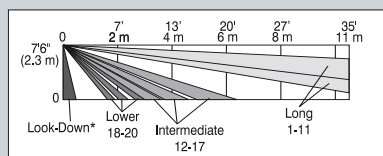
#### IS2535T

- Front case tamper

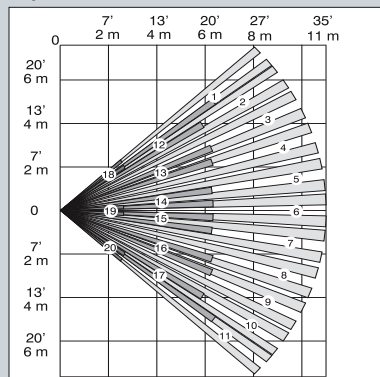
#### IS2535TC

- Form C Relay
- Alarm memory
- Case and wall tamper

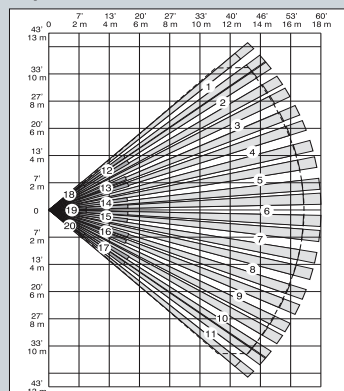
Side View



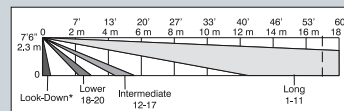
Top View



Top View



Side View



#### IS2560

#### Wide Area PIR Detector

- Range: 60' x 85'

#### ALSO AVAILABLE:

#### IS2560T

- Front case tamper

#### IS2560TC

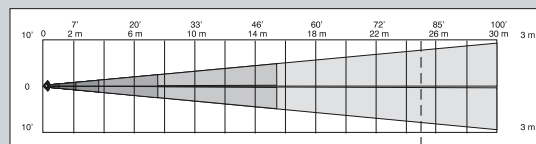
- Form C Relay
- Alarm memory
- Case and wall tamper

#### IS25100TC

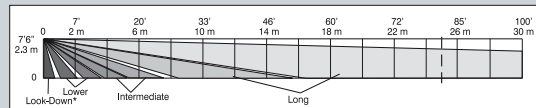
#### Long Range PIR Detector

- Range: 100' x 20'
- Form C relay
- Alarm memory
- Case and wall tamper

Top View



Side View



#### IS2500LT

#### Low Temperature PIR

- Can be installed indoors where temperatures are as low as -40° F (-40° C)
- Includes 35, 60 and 100 foot lenses
- Ideal for garages, sheds, warehouses, etc.



## HARDWIRED PIRs



### 995

#### Recess Mount PIR Motion Sensor

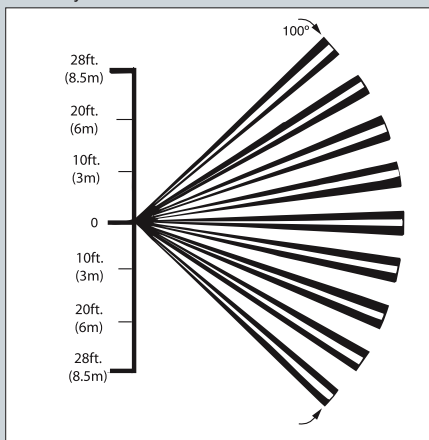
- Range: 40' x 56' (12m x 17m) coverage pattern
- Fits single gang box or can be recessed into a wall
- Built-in Signature Analysis pulse count reduces false alarms
- Horizontal and vertical adjustments

#### ALSO AVAILABLE:

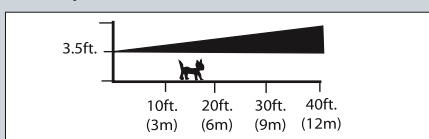
**995PA** – Pet Alley Lens, 40' x 56'

**995LR** – Long Range Lens, 70' x 8-1/2'

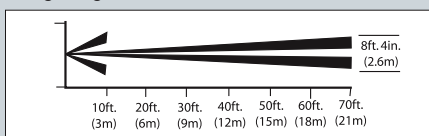
**Top View**  
Pet Alley Lens



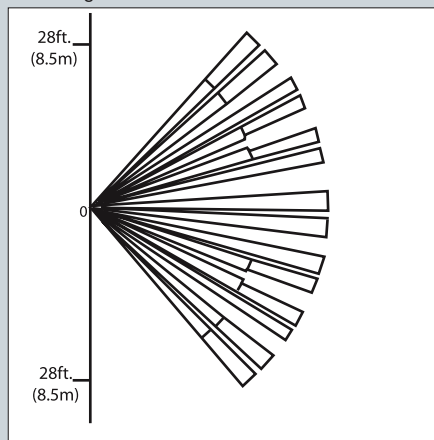
**Side View**  
Pet Alley Lens



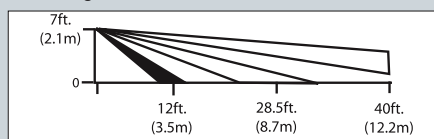
**Top View**  
Long Range Lens



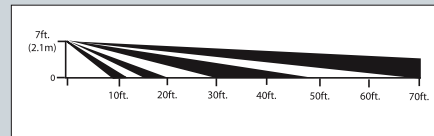
**Top View**  
Wide-angle Lens



**Side View**  
Wide-angle Lens



**Side View**  
Long Range Lens



### HARDWIRED PIRs — CEILING MOUNT

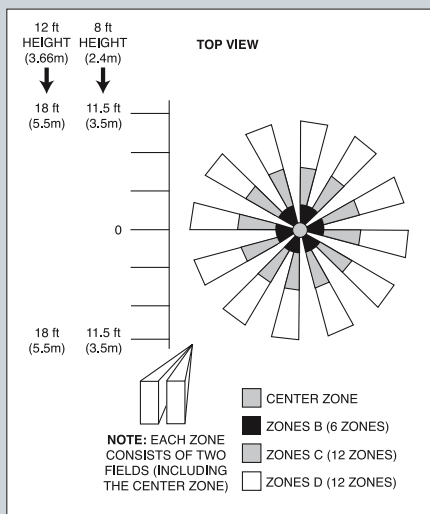


**997**

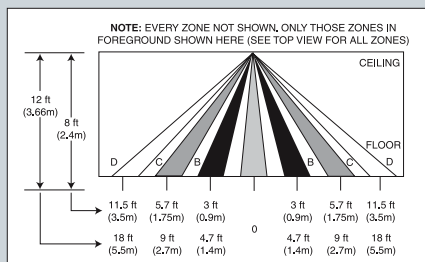
#### Ceiling Mount PIR Motion Sensor

- Up to 36' (11m) diameter coverage pattern
- 360° look-down capability
- 8' to 12' mounting height
- Twist off cover for easy removal
- Locally and remotely controllable walk test LED
- Cover tamper
- Selectable pulse count

Top View



Side View

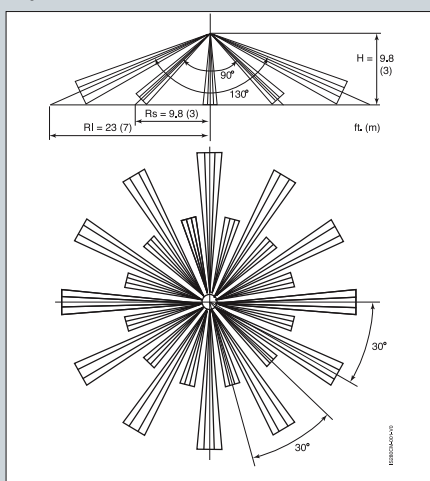


**IS280CM**

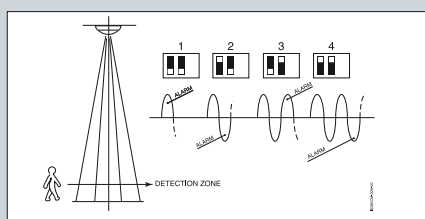
#### 360° Ceiling Mount PIR

- Range: 45' diameter at 10' mounting height 50' diameter at 12' mounting height
- Mounting heights from 8' to 12'
- Low profile housing
- Microprocessor-based signal processing
- Sealed optics chamber
- Can be mounted on a single gang-box
- Cover tamper
- Selectable pulse count

Top View



Side View



## MOTION SENSOR ACCESSORIES

### MOUNTING BRACKETS

- For use with **DT7000**, **DT6100**, **IS2500**, **IS215**, **5894PI** and **5800PIR** series of detectors



**SMB10**  
Swivel Mount Bracket  
(pack of five)



**SMB10C**  
Ceiling Mount Bracket  
(pack of five)



**SMB10T**  
Tampered Swivel Mount Bracket  
(pack of five)

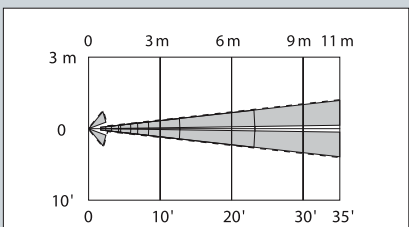
### LENS OPTIONS

#### DT7000-LRLK

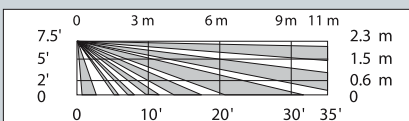
##### Long Range Lens Kit provides

- 50' x 10' when used with **DT7450/DT7550**, **DT7500SN/IS2500SN** or
- 35' x 8' when used with **DT7235** or **DT7435**
- Package of 10 lenses

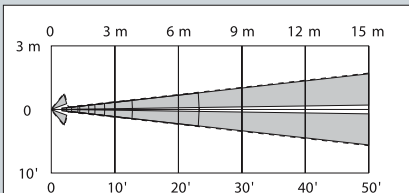
##### Top View (35' x 8' Pattern)



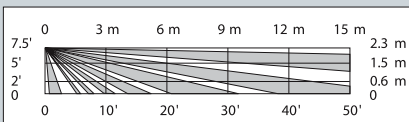
##### Side View



##### Top View (50' x 10' Pattern)



##### Side View

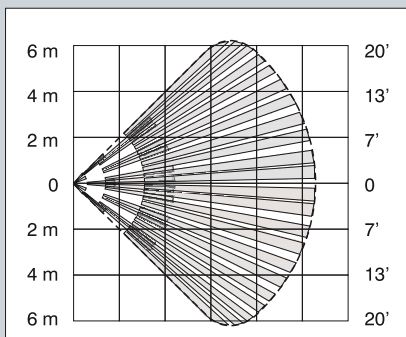


#### DT7000-HSLK

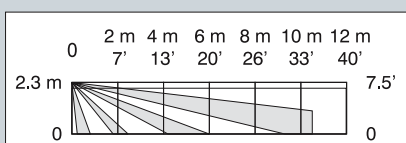
##### High Security Lens Kit provides

- 35' x 40' area protection
- Lenses to convert **DT7235**, **DT7435**, **DT7500SN** or **IS2500SN** to non-pet immune
- Package of 10 lenses

##### Top View



##### Side View

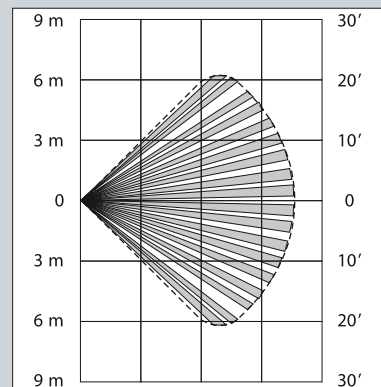


#### DT7000-PALK

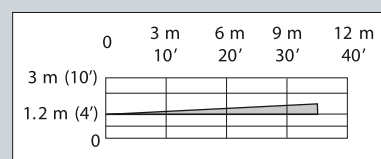
##### Pet Alley Lens Kit

- Pet Alley for **DT7235**, **DT7435**, **DT7500SN** or **IS2500SN**
- Package of 10 lenses

##### Top View



##### Side View





### V-PLEX® MOTIONS



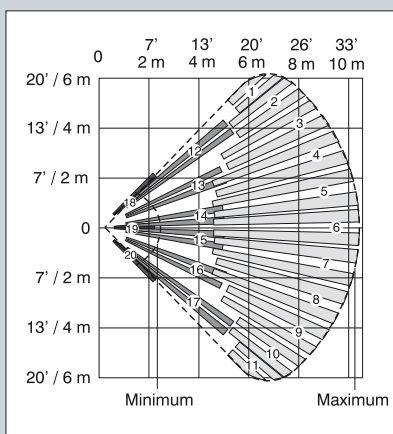
#### DT7500SN

#### V-Plex DUAL TEC® Motion Sensor

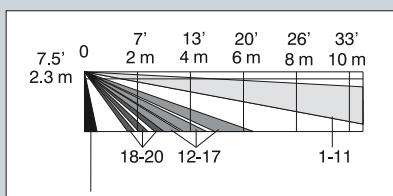
- Range: 50' x 60' (15m x 18m)
- Selectable pet immunity 0/50/100 lbs. (0/23/45 kg); 35' x 40' (11m x 12m) - with optional lens included
- Serial number addressable
- Ideal for use in multi-tenant buildings such as offices, warehouses and mini-storage facilities, machine shops, garages and other industrial locations

- Pattern containment and pattern shaping through K-Band microwave technology
- Advanced microprocessor-based signal processing
- PIR/microwave supervision
- Infinite fluorescent light immunity
- Continuous self-testing
- Detects anti-mask attempts and indicates with flashing lights
- Uniform sensitivity options
- Four sensitivity settings
- Patented Zero Clearance Black Bug Guard
- Patented mirror look down
- 45° terminal blocks
- Automatic walk test mode
- Mounting height 7' - 9'
- Smart contact disables/enables fault/restore messages for PIR with panels enabled for smart contact
- High traffic inhibit delays second alarm transmission for 5-15 seconds to help speed up the V-Plex bus

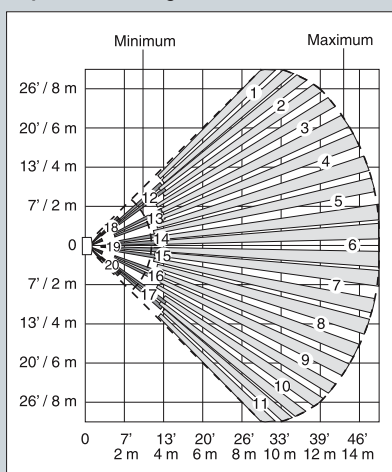
Top View Pet Lens



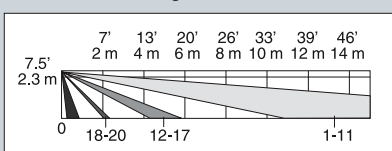
Side View Pet Lens



Top View Wide Angle Lens



Side View Wide Angle Lens



Please see page 129 for more information on V-Plex.

## V-PLEX® MOTIONS



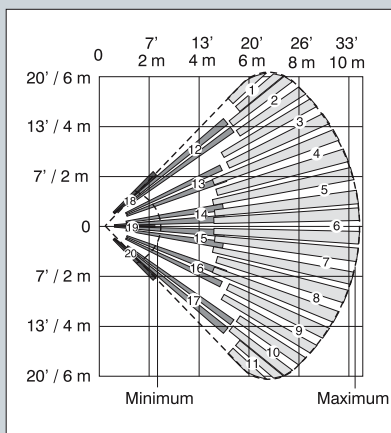
### IS2500SN

#### V-Plex PIR Motion Sensor

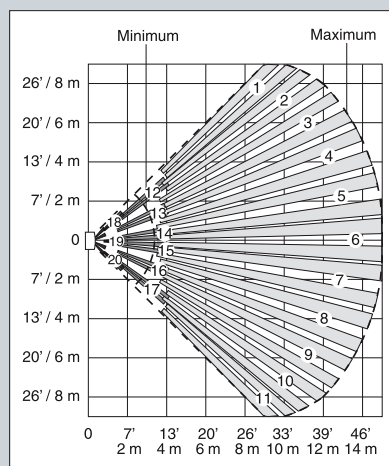
- Range: 50' x 60' (15m x 18m)
- Selectable pet immunity 0/40/80 lbs. (0/18/36 kg); 35' x 40' (11m x 12m) - with optional lens included
- Serial number addressable
- Ideal for medium-to-large sized rooms such as business lobbies, dining halls and large offices
- Use multiple units to cover larger areas
- Dual-slope temperature compensation
- Uniform sensitivity options
- Four sensitivity settings
- Patented Zero Clearance Black Bug Guard
- Patented mirror look down
- 45° terminal blocks
- Automatic walk test mode
- Mounting height 7' - 9'
- Smart contact disables/enables fault/restore messages for PIR with panels enabled for smart contact
- High traffic inhibit delays second alarm transmission for 5-15 seconds to help speed up the V-Plex bus



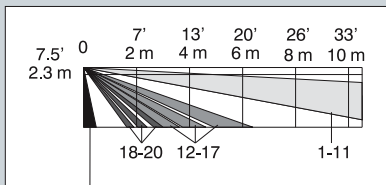
Top View Pet Lens



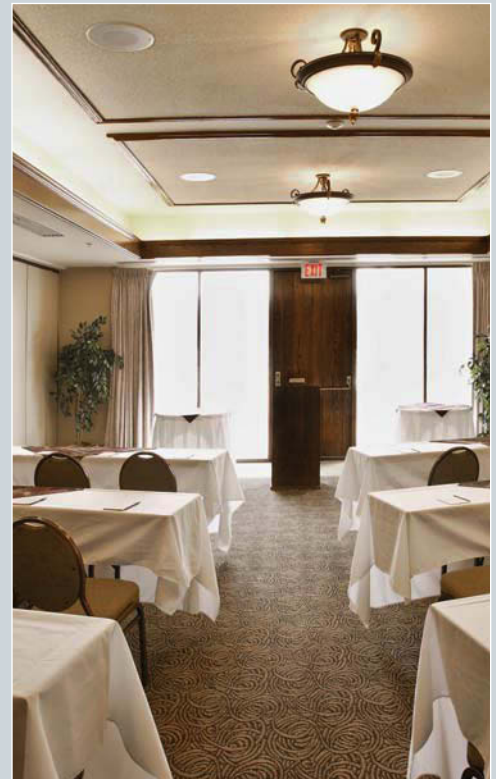
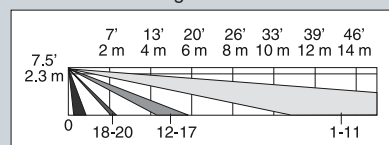
Top View Wide Angle Lens



Side View Pet Lens



Side View Wide Angle Lens



Please see page 129 for more information on V-Plex.

## ACCESS CONTROL SENSORS

### Request-to-Exit (RTE)



Honeywell's family of Request-to-Exit (RTE) Access Control Sensors are available in both basic and full-featured models to suit any access control

application. The quick-install RTEs are extremely flexible, provide a generous amount of wiring room and contain built-in internal shutters to guard against tampering. All units share the same sleek, sophisticated look, letting you match the aesthetics of any room.



#### IS310

##### Request-to-Exit PIR

- Adjustable relay time
- Micro-based signal processing
- Adjustable tamper proof shutters provides precise target area
- Terminal block design
- Large wiring channel
- DIP switch programmable
- Two form "C" outputs

##### AVAILABLE IN:

**IS310WH** – White

**IS310BL** – Black

#### IS320

##### Request-to-Exit PIR

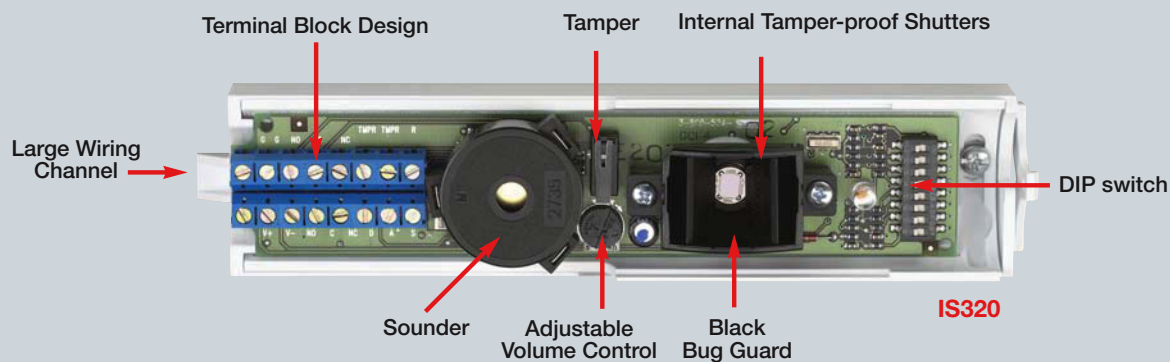
Same features as IS310 plus:

- Piezo sounder
- Door contact input
- Reader/keypad/keyswitch input
- Remote arming and sounder inputs
- Door monitor and failsafe/secure modes

##### AVAILABLE IN:

**IS320WH** – White

**IS320BL** – Black





## ENVIRONMENTAL SENSORS



### TS300

#### Dual Temperature Sensor

- Simultaneous operation of local and remote probes
- Local sensor 32° to 140° (0° to 60° C) +/- 3° F (+/- 1.7° C)
- Remote probe -40° to 140° F (-40° to 60° C) +/- 4° F (+/- 2.2° C)
- Programmable hysteresis prevents multiple alarms
- Local audio alarm with silence time out
- Alarm memory (up to eight events)
- Two programmable outputs

#### ALSO AVAILABLE:

**T280R** – Remote Temperature Probe



**T280R**



### 5821

#### Wireless Temperature Sensor and Flood Detector

- Five selectable temperature ranges
- Local or remote temperature probe
- Up to 10 year battery life
- Transmits supervisory, tamper and low battery
- Dimensions: 3-1/10" H x 1-3/5" W x 1" D

#### ALSO AVAILABLE:

**T280R** – Remote Temperature Probe

**470PB** – Remote Water Probe



**T280R**



**470PB**



### 470-12

#### Water Sensor

- Will detect water or any conductive nonflammable liquid
- Ideal for placement by sump pumps, washing machines, kitchens, etc., where flooding is a possibility
- 12VDC, low current drain
- Form C (SPDT) output
- Provided with two sensitivity settings for greater flexibility
- Includes one remote water probe **470PB**



### 11

#### Vibration Contact

- Protects ceilings, walls, safes and glass
- Adjustable sensitivity
- Small and inconspicuous

#### AVAILABLE:

**11WH** – White

**11BR** – Brown



## PHOTOELECTRIC BEAMS



Honeywell's IntelliBeam® sensors combine all the great features of high-end photobeams in a cost-effective dual detector, offering the ultimate protection at an incredible value. Available in single and dual models, there's an IntelliBeam to suit any application.



### **IB100D** Dual Photoelectric Beams

- 100' range max. outdoor

### **IB200D** Dual Photoelectric Beams

- 200' range max. outdoor

### **IB250S** Single Photoelectric Beams

- 250' range max. outdoor

### **Active Infrared Photoelectric Beams**

- Single and dual beam models with range up to 250'
- Suitable for outdoor or indoor installations
- Easy alignment features reduce installation time
- Adjustable beam blocking time
- Includes pole mount kit

## SC100 SERIES SEISMIC VIBRATION SENSORS

NEW



Honeywell's SC100 Series Seismic Vibration Sensors were designed to protect high-value and high-risk assets in financial, retail and other applications.



The SC100 model detects vibrations arising from attempts to disturb solid structures including fixed ATMs, bank vaults, safes and doors. The SC105 was designed to safeguard freestanding objects like standalone ATMs, gun cases, file cabinets, vending and ticket machines and more. Both models can be installed in new or existing security systems and offer a higher level of protection and false alarm immunity than traditional shock sensors, which often lack the ability to discriminate between ambient vibration and real attacks.

### FEATURES

#### Compact Size

Smallest available on market so fits easier when space is limited.

#### Universal (ATM and Vault)

The SC100 can also be used for ATMs and night deposit safes by the simple change of a DIP switch. No separate sensors are required.

#### Remote Sensitivity Reduction Input

Option to reduce sensor sensitivity remotely during maintenance on ATMs, thereby reducing false alarms.

#### Integrated Temperature Alarm

The SC100 and SC105 will alarm if the temperature exceeds 185° F. Additionally the SC100 version alarms when temperature rises faster than 6° F per minute.

#### Diagnostic LED

Built-in tool easily selects correct sensitivity; no time consuming external tools required.

#### Selectable Sensitivity

Four different sensitivity settings adapt to required range and environmental conditions.

- Listed to UL639
- Listed to ULC-S306



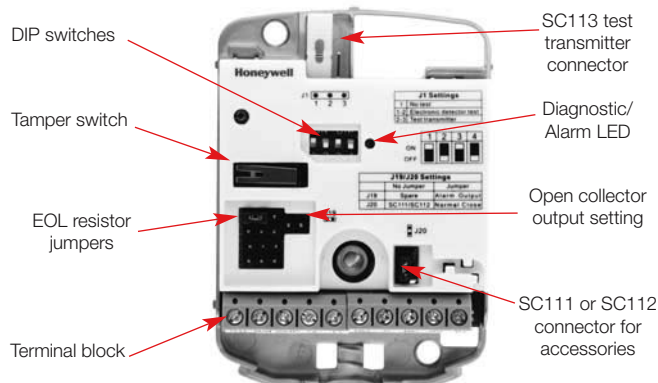
# Sensors

## SEISMIC VIBRATION SENSORS

Specifications		SC100	SC105
Power Requirements	Supply Voltage	8 – 16VDC, nominal 12VDC	
	Current Consumption	Typical 3 mA @ 12VDC	
Sensitivity	Adjustable Sensitivity	4 levels by DIP Switches	
	ATMs/Vault Selection	by DIP switch	N/A
	Delayed Triggering	N/A	by DIP switch
	Reduced Sensitivity Input	For maintenance & Service: Active low (<1.5 VDC)	
	Detection Radius	16.4'	9.8'
	Alarm Algorithm	Highly sensitive to all known attacks while rejecting known false alarm sources by innovative filters and firmware	Similar to the SC100, but adjusted for noisy environments such as public areas where ATMs may be located.
Alarm Outputs	Solid State Relay (Change Over)	30VDC/100 mA; Type C	30 VDC/100 mA; Type A
	Open Collector	Active low during alarm	
	Alarm Hold Time	Approx. 2.5 secs	
Sabotage Protection	Pry-off and Cover Switch	30 VDC/100 mA	
	Low Supply Voltage Alarm	< 7 VDC	
	Temperature Alarm	185° F, 23° F, 41° F	
	Internal Functional Alarm	Stainless steel drill shield	
Inputs	Remote Test	Active low 1.5 VDC, test duration < 0.5 sec	
	Reduced Sensitivity Input	Active low 1.5 VDC, test duration < 0.5 sec Sensitivity reduction to 12.5 %	
Installation Tool	A noise and alarm indicator is incorporated to support sensitivity setting.		
Environmental Conditions	Maximum Humidity	95% RH (non-condensing)	
	Operating Temperature	-40° F – 158° F	
	Storage Temperature	-58° F – 158° F	
	Environmental Class (VdS)	III	
	Housing Protection Category	IP43	
Housing	Dimensions	3.15" H x 2.36" W x .83" D	
	Chassis and Cover	Die-cast metal	
	Color	RAL7035 (light gray)	
	Weight	.5 lbs.	

Honeywell reserves the right to alter the specification of products without notice.

Applications	SC100	SC105
Vault Doors	✓	
ATMs	✓	
Night Deposit Safes	✓	
Strong Room Vaults	✓	
Modular Vaults	✓	
Freestanding Safes	✓	
Hatches	✓	
Gates	✓	✓
Chests	✓	✓
Lobby ATMs		✓
Filing Cabinets		✓
Containers		✓
Vending Machines		✓
Ticket Machines		✓



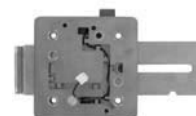
### SC100 series accessories



SC110



SC111



SC112



SC113



SC114



SC115



SC116



SC117



SC118

## ORDERING

<b>SC100</b>	Seismic Vibration Sensor (Safes/Vaults)	<b>SC114</b>	5.9' Armed Cable Kit (eight wires)
<b>SC105</b>	Seismic Vibration Sensor (ATMs)	<b>SC115</b>	External Test Transmitter
<b>SC110</b>	Mounting Plate	<b>SC116</b>	Wall Recess Mounting Kit
<b>SC111</b>	Movable Mounting Kit	<b>SC117</b>	Floor Recess Mounting Kit
<b>SC112</b>	Keyhole Protection Kit	<b>SC118</b>	Spacer for SC112
<b>SC113</b>	Internal Test Transmitter		



### GLASSBREAK DETECTORS

#### Your First Line of Defense

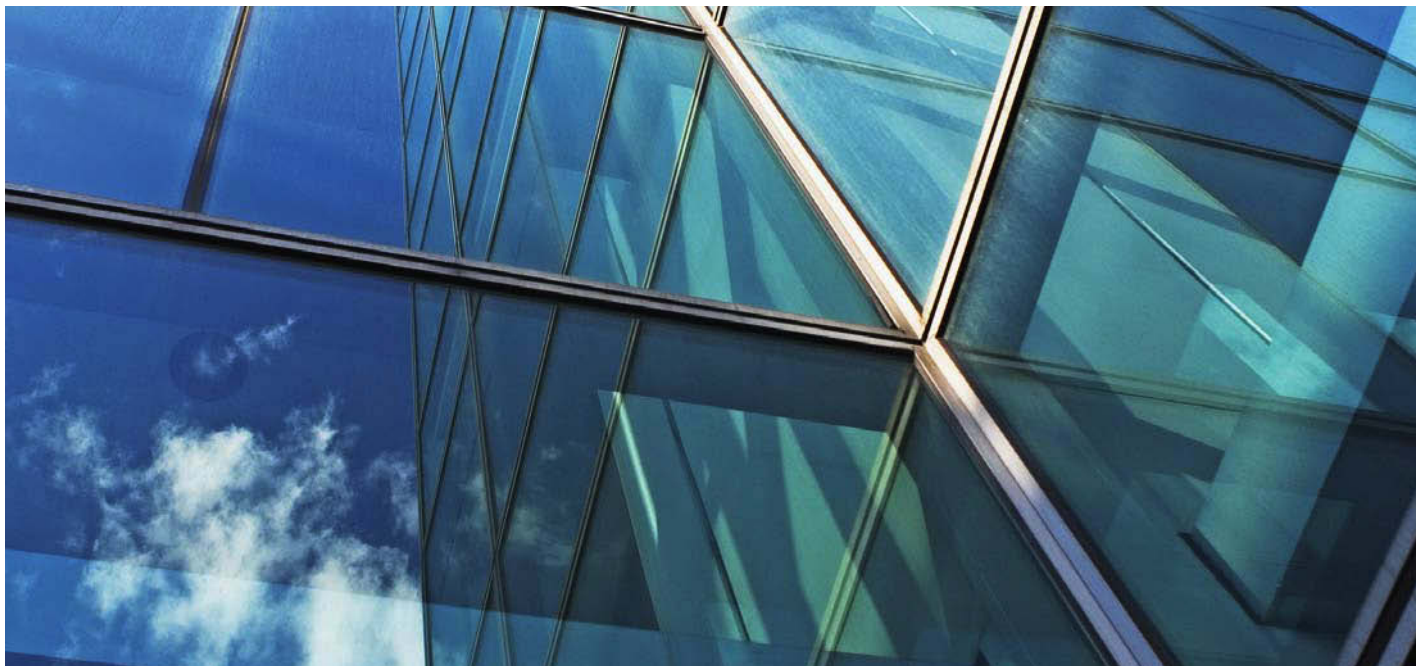


Dealers worldwide rely on Honeywell's FlexGuard® glassbreak detectors as a first line of defense because they help keep intruders where they belong—outside.

FlexGuard lets you provide your customers with the highest level of security, unmatched detection and false alarm immunity without labor and installation headaches or costly service calls.

FlexGuard is also the industry's most versatile glassbreak—the only one to offer a choice of hardwired, wireless or V-Plex® polling loop technology for the ultimate in installation flexibility. It makes perimeter protection as easy to provide and trouble-free as any other part of the system.

FlexGuard detectors mount virtually anywhere—on walls, window frames or ceilings—and are UL and ULC listed for all glass types, including plate, tempered, laminated, wired, film-coated and sealed insulating. Rigorously challenged in test rooms built to exceed the toughest standards, it's no wonder there are more installed worldwide than any other brand of glassbreak.





## GLASSBREAK DETECTORS



### FG1625

#### Glassbreak Detector

- FlexCore™ processing
- New hinged-case styling - nearly 180° opening
- Four adjustable sensitivity settings
- 25' range/no minimum range
- Remote test mode activation
- Protected circuit board

#### ALSO AVAILABLE:

**FG1615** - Non-adjustable with 15' fixed range

**FG1625T** - Tamper/Form "C" Relay



### FG1625F

#### Flush Mount Glassbreak Detector

- FlexCore™ processing
- Flush mount design covers any single-gang electrical box
- Four adjustable sensitivity settings
- 25' range/no minimum range
- Remote test mode activation
- Protected circuit board

#### ALSO AVAILABLE:

**FG1525FD** - covers double-gang electrical boxes



### 5853

#### Wireless Glassbreak Detector

- FlexCore™ processing
- Set-up and performance identical to the FG1625
- Hinged-case styling - nearly 180° opening
- Easily replaceable batteries with up to 10 year battery life
- Four selectable sensitivity settings (max, medium, low and lowest)
- 25' range/no minimum range
- Covers all glass types
- Remote test mode activation
- Protected circuit board



### FG1625RFM

#### Flush Mount Glassbreak Detector

- FlexCore™ processing
- Recess mounts in a 1" diameter hole in ceilings or walls
- Four adjustable sensitivity settings
- Staggered terminals for easy wiring
- 25' range/no minimum range
- Remote test mode activation

### GLASSBREAK DETECTORS



#### FG1625R

##### Glassbreak Detector

- FlexCore™ processing
- Round case styling
- Four adjustable sensitivity settings
- 25' range/no minimum range
- Remote test mode activation
- Protected PCB

#### ALSO AVAILABLE:

**FG1625RT** - Tamper/Form "C" Relay



#### FG1625SN

##### V-Plex® Glassbreak Detector

- Ideal for any room where windows are present
- Use multiple units for larger areas
- FlexCore™ processing
- Serial number addressable\*
- Set-up and performance identical to the FG1625
- Four adjustable sensitivity settings
- 25' range/no minimum range
- Remote test mode activation
- Protected circuit board

*\*For use with Honeywell V-Plex addressable control panels.*



Please see page 129 for more information on V-Plex.



#### FG1608

##### Glassbreak Detector with Magnetic Contact

- FlexCore™ processing
- Built-in magnetic contact
- High/Low sensitivity setting
- 8' range/no minimum range
- Remote test mode activation
- Magnetic contact gap: make gap = .9" min.; break gap = 2.2" max.



#### FG730

##### Glassbreak Detector

- Dual Technology Flex-Audio Principle
- Signal verification
- 30' range



#### FG701

##### Glassbreak Simulator/Tester

- Compatible with all IntelliSense and ADEMCO acoustic Glassbreak Detectors
- Remote test mode activation operates from 15' away\*
- Calibrated signal output to allow true range verification
- Low battery announcement
- Digitally produced glassbreak sound

*\*When used with FG1500 and FG1600 Series Glassbreak Detectors*

### GLASSBREAK DETECTORS



#### ASC-SS1

##### Shock Glassbreak Detector

- Range: 8' maximum
- Mounts directly on glass surface
- Outstanding false alarm immunity
- Epoxy sealed against moisture and corrosion
- Glass types: plate, tempered, laminated, wired, coated, double-pane



#### 5800SS1

##### Wireless Shock Glassbreak Sensor

- Perfect for kitchens, bathrooms, skylights and occupied areas
- Mounts directly on glass surface with 3M adhesive tape
- 10' detection range
- Pull battery tab and enroll; no need to remove cover during installation

### INDOOR SOUNDERS



#### WAVE2PD



##### Two-Tone Piezo Dynamic Siren

- 105 dB @ one meter
- Half the weight of standard sirens
- 1/3 the current requirements of standard sirens
- Terminals eliminate soldering and splicing
- Snap-open hinged case cover for faster installation



#### WAVE



##### Speaker

- Attractive patented design fits single gang wall plate
- Snap-open hinged case cover for faster installation
- Two positions terminal block eliminates splicing and soldering
- Corner or ceiling mounting with no additional brackets or hardware
- Channeled or horizontal mounting for great versatility
- 8 ohms/15 watts



#### WAVE2



##### Two-Tone Siren

- Attractive patented design fits single gang wall plate
- Snap-open hinged case cover for faster installation
- Louder (106 dB) dual tone siren output
- Terminals eliminate soldering and splicing
- Corner or ceiling mounting with no additional brackets or hardware
- Channeled case back for convenient wiring access
- UL Commercial Burglary

**Key:** - Commercial  
 - Residential  
 - Outdoor Use

### INDOOR SOUNDERS



#### WAVE2F



##### Two-Tone Flush Mount Siren

- 106 dB @ 12VDC @ one meter
- Same performance as Wave2
- Unique hinged case design allows for installation without disassembly
- Fits a standard double gang electric box
- Easy terminal block wire connections
- Attractive new design



#### WIRELESS SOUNDER

#### 5800WAVE



##### Wireless Siren

- Plug into any standard duplex receptacle
- 95 dB @ 3 meters
- 12 hour battery backup
- Ready to mount - no disassembly required
- Transmits status, tamper, low battery, supervisory and AC signals
- Temporal pulse sounding

### SOUNDING DEVICES



#### 748



##### Dual Tone Siren

- Extremely loud (119 dB)
- Smaller - mounts directly to wall or 4" electrical box
- Dual tone output - steady and warble
- Ready to mount - no disassembly required
- Tamper proof and weather resistant
- Attractive, can be used indoors or outdoors
- Snap on trim ring conceals screws



#### 748LC



##### Dual Tone Siren

- Low current draw, 550mA @ 12VDC (112 dB)
- Smaller - mounts directly to wall 4" electrical box
- Dual tone output - steady and warble
- Ready to mount - no disassembly required
- Tamper proof and weather resistant
- Attractive, can be used indoors or outdoors
- Snap on trim ring conceals screws



#### 749



##### Speaker/Horn

- 8 ohms/20 watts (25 watts peak)
- Smaller - mounts directly to wall or 4" electrical box
- Ready to mount - no disassembly required
- Attractive, can be used indoors or outdoors
- Snap on trim ring conceals screws



### SOUNDING DEVICES



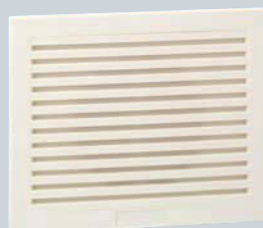
#### **747PD** Two-Tone Piezo-Dynamic Indoor Siren

- 105 dB @ one meter
- Half the weight of standard sirens
- 1/3 the current requirements of standard sirens
- Terminal strip eliminates soldering and splicing
- Snap-open hinged case cover for fast installation



#### **747** Self Contained Indoor Siren

- 95 dB @ 12VDC
- Two tones - steady and warble driver is built-in
- Durable ABS plastic
- 15 watt power rating
- Easy mounting with hardware included
- High quality mylar cone
- Heavy duty magnet



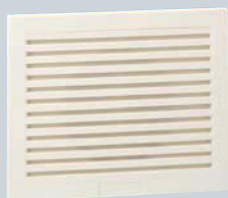
#### **747F** Self Contained, Flush Mount Indoor Siren

- 95 dB @ 12VDC
- Flush mount
- Two tones - steady and warble
- High quality mylar cone
- Heavy duty magnet
- Durable ABS plastic
- Attractive designer case
- Hardware included



#### **746** Indoor Speaker

- Easy to mount on wall
- 15 watts continuous, 20 watts peak/8 ohms
- Double polyurethane coated voice coil - prevents corrosion
- Mounting hardware included
- Heavy duty magnet



#### **746F** Indoor Flush Mount Speaker

- Flush mount
- 15 watts continuous, 20 watts peak/8 ohms
- Double polyurethane coated voice coil - prevents corrosion
- Mounting hardware included
- Heavy duty magnet



- #### **702** Self-Contained Electronic Siren
- 118 dB @ 12VDC
  - 6 to 12VDC combination speaker and siren driver
  - Dual tone - warble or steady
  - Enclosed wires
  - 30 watt power rating
  - Protective cabinet available **743BE**
  - Built-in Tamper Plate protects wires from attack



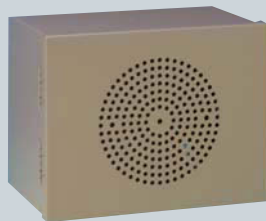
- #### **713** High Power Speaker
- Powerful 40 watts, 8 ohm speaker
  - Weather resistant housing
  - Ideal for indoor and outdoor applications
  - Jacketed 3-conductor lead included tamper loop



- #### **719** Self-Contained Electronic Siren
- 115 dB @ 12VDC @ 10 feet
  - Combination speaker and siren driver
  - Dual tone - warble and steady
  - 6 to 12VDC power input
  - Small size - 5" diameter
  - Indoor or outdoor use
  - Weather resistant, high impact construction

**ALSO AVAILABLE:**  
**705-820** 20 watt speaker made of durable ABS plastic

## SOUNDING DEVICES, SIREN DRIVERS, BELLS & BOXES



### 735BE



#### Cabinet Including Speaker

- Includes **705-820**, 8 ohm, 20 watt speaker
- Tampered cabinet
- Reduced installation time

#### ALSO AVAILABLE:

- For tamper provision, use the **955WH** and **28-2** bracket



### AB12M

#### Motorized Bell in Box

- Required on UL Grade A installation
- Motorized bell with only 100 mA current draw at 12VDC
- Extra heavy steel
- 10" underdome bell
- Two tamper switches
- Insulated inner box
- Fully tampered for protection from attempts to open, drill or chisel through cabinet



### 1011BE12M

#### Motorized Bell in Box

- 10" motorized bell
- Low current draw only 100 mA current draw at 12VDC
- Fully tampered for protection from attempts to open, drill or chisel through cabinet



### 745VSD3

#### Trilingual Voice Siren Driver

- Capable of verbally announcing burglary, fire and carbon monoxide conditions
- Can speak system status in three languages - English, Spanish or French
- Fully configurable (interchangeable language and siren tones)
- ETL listed (when used with a 32 ohm speaker)

#### ALSO AVAILABLE:

- 745VSD3PK2** Trilingual Voice Siren Driver Kit
- 746-32** 32 ohm, 15 watt Indoor Speaker

**Key:**

- Commercial
- Residential
- Outdoor Use

## SURFACE MOUNT CONTACTS



Available in  
Ammo Box

→ Look for contacts featuring the “Available in Ammo Box” symbol throughout this catalog!

Honeywell’s unique Ammo Box packaging provides security professionals with an entirely new level of installation convenience and inventory control. Each Ammo Box contains an “ammo belt” of 50 individually packaged magnetic contacts complete with screws, spacers and covers. Simply tear off the perforated, incrementally numbered bag. The number on the next bag indicates the quantity left in the Ammo Box.

### Ammo Box Individually Packaged Magnetic Contacts

- 50 individually packaged contacts per Ammo Box
- Perforated bags let you take only as many as needed
- Each bag contains all needed parts, including screws, spacers, etc.
- Sequential numbers on bag tell you how many are left in the box



Available in  
Ammo Box



### 7939WG Magnetic Contact

- Ideal for residential or commercial use
- Standard gap: 1-1/4" (32mm)
- Spacers, covers and screws included

**ALSO AVAILABLE:**  
7939WG-WH – White  
7939WG-BR – Brown  
7939WG-GY – Gray



### 7939-2 Magnetic Contact

- SPDT (Form C) Contact
- Standard gap: 1" (25mm)
- Spaces, covers and screws included
- Cover conceals end of line resistor (EOL)

**ALSO AVAILABLE:**  
7939-2WH – White  
7939-2BR – Brown  
7939-2GY – Gray



Available in  
Ammo Box



### 7940 Universal Magnetic Contact

- The most versatile mounting options of any contact available – screw mount, adhesive mount or recess
- Super wide gap of 2" (51mm) is standard or 1" (25mm) end-to-end recessed
- Insulation displacement terminals eliminate stripping or soldering, just insert wires and tighten
- Recess adapter plugs included

**ALSO AVAILABLE:**  
7940WH – White  
7940BR – Brown

## SURFACE MOUNT CONTACTS



Available in Ammo Box

### 943WG

#### Mini Magnetic Contact

- Standard gap: 1" (25mm)
- 12" (30cm) leads
- Self-adhesive or screw mount

#### ALSO AVAILABLE:

- 943WG-WH** – White
- 943WG-BR** – Brown
- 943WG-WH-M** – Extra magnet (10 pack)
- 943WG-BR-M** – Extra magnet (10 pack)



Available in Ammo Box

### 945T

#### Miniature Magnetic Contact with Screw Terminals

- Screw mount or adhesive mount
- Screw terminals eliminate wire splicing and soldering
- Standard gap: 1-1/8" (29mm)

#### ALSO AVAILABLE:

- 945T-WH** – White
- 945T-BR** – Brown
- 945WH-M** – Extra magnet (10 pack)
- 945BR-M** – Extra magnet (10 pack)



Available in Ammo Box

UL ULc CE

Patent # 6,135,826

### PAL-T

#### Magnetic Contact

- Patented hinged case cover – no loose parts
- Concealed screw terminals eliminate splicing and soldering
- 1-1/8" (29mm) gap makes installation a snap
- Screw mount or adhesive mount
- Six wire entry points for mounting versatility
- Conceals EOL resistor

#### ALSO AVAILABLE:

- PAL-T-WH** – White
- PAL-T-BR** – Brown
- PAL-M-WH** – Extra magnet (10 pack)
- PAL-M-BR** – Extra magnet (10 pack)



Available in Ammo Box

UL ULc CE

### 940

#### Magnetic Contact

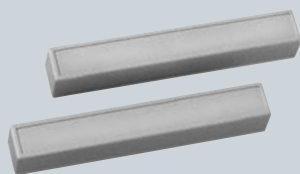
- Miniature size perfect for homes and offices
- Attractive cover keeps mounting screws and terminals screws hidden
- Standard gap: 3/4" (19mm)
- Complete with spacers and mounting screws
- Cover hides EOL resistor

#### ALSO AVAILABLE:

- 940WH** – White
- 940BR** – Brown



## SURFACE MOUNT CONTACTS



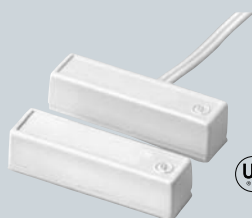
### 950

#### Magnetic Contact

- Completely hides mounting screws and terminals
- Standard gap: 1-3/4" (45mm)
- Ideal for concealing end-of-line resistor (EOL)

#### ALSO AVAILABLE:

**950BR** – Brown  
**950GY** – Gray



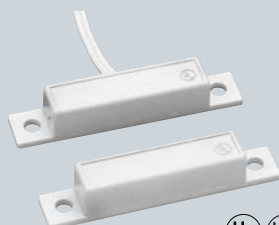
### 945

#### Adhesive Mount Magnetic Contact

- Adhesive mount
- Standard gap: 1-1/4" (32mm)
- External test points standard
- 15 foot (4.6m) leads
- Package quantity five per bag

#### ALSO AVAILABLE:

**945WH** – White  
**945BR** – Brown  
**945WH-M** – Extra magnet (10 pack)  
**945BR-M** – Extra magnet (10 pack)



### 949

#### Magnetic Contact with Leads

- Screw mount
- External test points standard
- Standard gap: 1-1/4" (32mm)
- 15 foot (4.6m) leads
- Complete with spacers and mounting screws

#### ALSO AVAILABLE:

**949WH** – White  
**949BR** – Brown

### RECESS MOUNT CONTACTS

Truly one-of-a-kind, Honeywell's Staggered T Series contacts provide you with a whole new level of convenience and flexibility. By staggering the terminals, we discovered a way to fit larger screw terminals without altering the industry-standard 3/8" diameter case size and without having to use any special screwdrivers. The result? Easier wiring and faster installations.



#### 944T

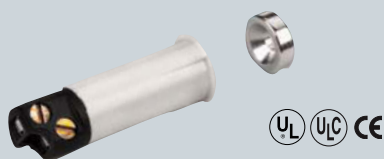
##### 3/8" Magnetic Contact with Screw Terminals

- 3/8" (10mm) diameter press fit design
- Screw terminals eliminates wire splicing and soldering
- Standard gap: 3/4" (19mm)

- Staggered T Terminals ensure a secure electrical connection

#### ALSO AVAILABLE:

- 944T-WH – White
- 944T-BR – Brown



#### 944TRE

##### 3/8" Magnetic Contact with Terminals and Rare Earth Magnet

- 3/8" (10mm) diameter press fit design
- Rare Earth button magnet
- Standard gap: 1/2" (13mm)

- Staggered T Terminals ensure a secure electrical connection

#### ALSO AVAILABLE:

- 944TRE-WH – White
- PROBTM – 10 pack of button magnets



#### 944TSP

##### 3/4" Contact with Terminals and 3/8" Magnet

- 3/4" (19mm) diameter switch for easier wiring; supplied with 3/8" (10mm) diameter magnet
- Standard gap: 3/4" (19mm)

- Staggered T terminals ensure a secure electrical connection

#### ALSO AVAILABLE:

- 944TSP-WH – White
- 944TSP-BR – Brown
- 944SP-WH – White with leads
- 944SP-BR – Brown with leads
- 944WH-M – Extra magnet (10 pack)



#### 947-75T

##### Steel Door Magnetic Contact with Terminals

- 3/4" (19mm) recessed with 3/4" (19mm) magnet and terminals
- 1/2" (12mm) gap in steel

- Staggered T terminals ensure a secure electrical connection

#### ALSO AVAILABLE:

- 947-75TWH – White
- 947-75TBR – Brown
- 947-75WH – White with 5' leads
- 947-75BR – Brown with 5' leads



#### 955PST

##### 3/4" Recessed Plunger Contact with Terminals

- Broad face plunger distributes impact more evenly

- Staggered T terminals ensure a secure electrical connection

#### ALSO AVAILABLE:

- 955PST-WH – White



#### 956RPT

##### 3/4" Recessed Roller Plunger Contact with Terminals

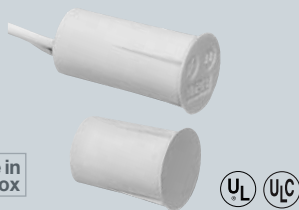
- Shorter body for easier recess fit
- Full 180° activation
- Staggered T terminals ensure a secure electrical connection

#### ALSO AVAILABLE:

- 956RPT-WH – White
- 956RPT-BR – Brown
- 956WH-B – With 18" (46cm) leads white

### RECESS MOUNT CONTACTS

Available in  
Ammo Box



#### 951WG

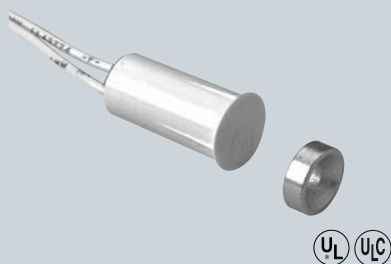
##### 3/8" Diameter Miniature Press Fit Magnetic Contact

- With a 3/4" (19mm) long magnet, the 951WG is ideal for casement windows, sliding windows and other thin frame applications
- Standard gap: 1-1/4" (32mm) – the largest gap of any mini 3/8" (10mm) contact
- 12" (30cm) leads are standard

#### ALSO AVAILABLE:

**951WG-WH** – White

**951WG-BR** – Brown



#### PRO51BTM

##### 3/8" Stubby Recessed Contact with Rare Earth Button Magnet

- Stubby 3/8" (10mm) press fit with button magnet fits even the tightest spots
- Powerful rare earth magnet is easy to install with screw or adhesive
- Standard gap: 1/2" (13mm)
- Magnet screw hole is convex for smooth flush fit

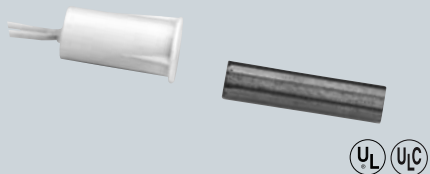
#### ALSO AVAILABLE:

**PRO51BTMWH** – White

**PROBTM** – 10 pack button magnets



## RECESS MOUNT CONTACTS

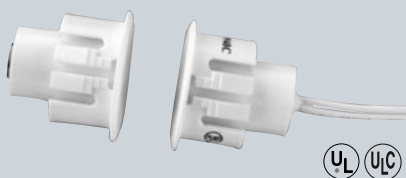


### **MPS95WG**

#### **3/8" Stubby Contact with 1/4" Magnet**

- Standard gap: 1-1/4" (32mm)
- 12" (30cm) leads

**ALSO AVAILABLE:**  
**MPS95WGW** – White

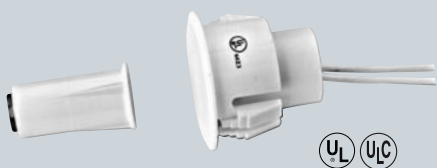


### **MPS70WG**

#### **3/4" Steel Door Contact**

- Standard gap: 1-1/4" (32mm)
- 5/8" (16mm) gap for steel
- 12" (30cm) leads

**ALSO AVAILABLE:**  
**MPS70WGW** – White



### **MPS73WG**

#### **3/4" Contact with 3/8" Magnet**

- Standard gap: 1-1/4" (32mm)
- 12" (30cm) leads

**ALSO AVAILABLE:**  
**MPS73WGW** – White



### **947**

#### **1" Steel Door Magnetic Contact**

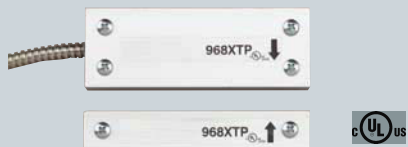
- The clean look of recessed contacts coupled with robust features that meet the requirements of steel doors
- 1" (25mm) diameter with "lock-in" mounting caps
- Standard gap 1/2" (13mm) in steel
- 5' (1.5m) zip cord leads are standard
- Includes 3/8" diameter by 1" long bare magnet

**ALSO AVAILABLE:**  
**947WH** – White  
**947BR** – Brown



## COMMERCIAL CONTACTS

During lightning strikes or power surges, voltage can flow through the reed switch of a magnetic contact — fusing the switch and rendering windows and doors unprotected. For the surge protection you need, look to Honeywell's robust XTP contacts.



### 968XTP

#### XTP High Security Switch

- Defeat-resistant from external magnetic tampering
- Includes tamper switch to notify of removal
- XTP surge protection (up to 2400VDC)
- Suitable for Indoor/Outdoor use
- Epoxy sealed for protection from moisture and corrosion
- 3' (91cm) stainless steel armored cable
- Gap of 7/16" (11mm) is standard



### 960

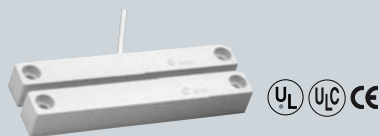
#### XTP Surface Mount Magnetic Contact

- XTP contacts withstand surges up to 2400VDC
- The toughest commercial contact ever developed
- Rugged aluminum housing

- Completely immersion proof (epoxy sealed)
- 3' (91cm) armored cable is standard
- Wide gap of 2-1/2" (64mm) is standard

#### ALSO AVAILABLE:

- 960** – SPST Switch (Form A)
- 960-2** – SPDT Switch (Form C)



### 7945

#### XTP Surface Mount Magnetic Contact with Leads

- XTP contacts withstand surges up to 2400VDC
- 6' (1.8m) CLII cable is standard
- Completely immersion proof (epoxy sealed)
- Wide gap of 2-1/2" (64mm) is standard

#### ALSO AVAILABLE:

- 7945WH** – White
- 7945BR** – Brown
- 7945GY** – Gray
- 7945-2GY** – SPDT Switch (Form C)



### MPS80

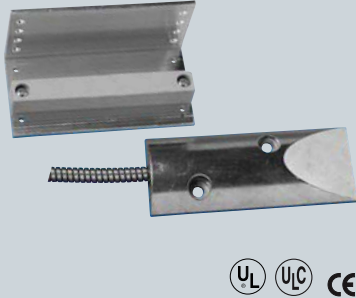
#### Surface Mount Contact with Terminals

- Standard gap 2" (51mm)
- Industrial surface mount
- Includes spacers and mounting screws

#### ALSO AVAILABLE:

- MPS80WGW** – White

## COMMERCIAL CONTACTS



### 958

#### Overhead Door Magnetic Contact

- Adjustable magnet with L bracket
- 24" (61cm) armored cable is standard
- Standard gap: 2-3/8" (60mm) minimum
- Epoxy sealed for protection from moisture and impact
- Rugged "Shock Absorber" design protects reed against flex or damage to housing

#### ALSO AVAILABLE:

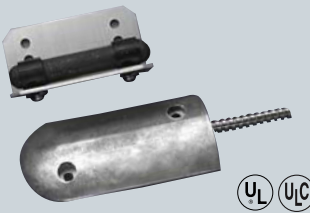
- 958** – SPST Switch (Form A)
- 958-2** – SPDT Switch (Form C)
- 958M** – Spare magnet



### 959

#### XTP Overhead Door Contact

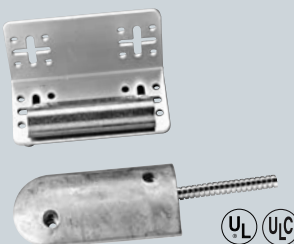
- XTP contacts withstands surges up to 2400VDC
- The standard for OHD contact applications
- Adjustable magnet with L bracket
- Standard gap: 2" (51mm)



### MPS51C

#### Overhead Door Contact

- Standard gap 2" (51mm)
- Form C
- 24" (61cm) armored cable
- Adjustable magnet bracket



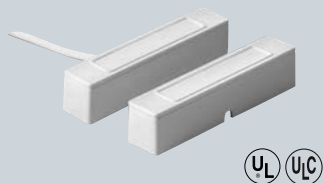
### MPS52

#### Overhead Door Contact

- Standard gap 2" (51mm)
- 24" (61cm) armored cable
- Adjustable magnet

## V-PLEX

Honeywell's patented V-Plex polling loop technology literally redefines price and performance on a **simple pair of wires**. By utilizing only two wires instead of four, V-Plex offers significant advantages over conventional four-wire installations—providing economical expansion of peripheral devices and point identification to your central monitoring station.



### 4939SN

#### V-Plex Addressable Surface Mount Contact

- Ideal for exposed applications for wood-framed and metal-framed doors and windows
- Programmable surface mount contact
- Serial number addressable
- Standard gap: 1-1/4" (32mm)

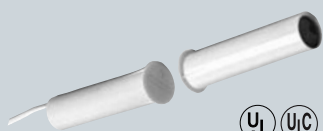
- 5' (1.5m) CLII jacketed cable
- Epoxy sealed for protection from moisture and impact

#### AVAILABLE IN:

**4939SN-WH** – White

**4939SN-BR** – Brown

**4939SN-GY** – Gray



### 4191SN

#### V-Plex Recessed Magnetic Contact

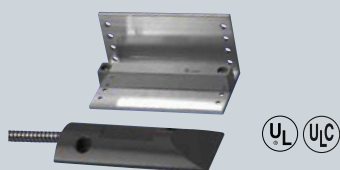
- Ideal for concealed applications for wood-framed doors and windows
- Add the optional 4191WA for metal-framed doors and windows
- Recessed contact with built-in RPM (Remote Point Module)
- Serial number addressable
- Press fit design in 1/2" (12mm) diameter case

- Factory installed 5' (1.5m) zip cord leads saves time
- Standard gap: 7/8" (22mm) end-to-end

#### ALSO AVAILABLE:

**4191SN-WH** – White

**4191WA** – 3/4" (19mm) adapter for steel doors



### 4959SN

#### V-Plex Addressable Overhead Door Contact

- Ideal for roll-up doors in shipping and receiving bays and garage applications
- Rugged aluminum housing and adjustable L bracket type magnet
- Serial number addressable

- Standard gap: 2" (51mm)
- 24" (61cm) armored cable
- Epoxy sealed for protection from moisture and impact



Please see page 129 for more information on V-Plex.

## TAMPER SWITCHES, BRACKETS AND PRE-WIRE PLUGS



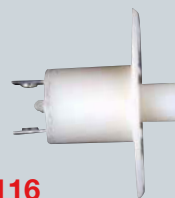
**112**  
Plunger switch for  
closed circuit alarms



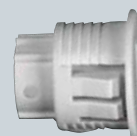
**112 and 28**  
Shown together



**28**  
Bracket for the **112**  
tamper switch



**116**  
Plunger switch for  
closed circuit alarms  
(fits 3/4" (19mm) hole)



**913WH**  
White 3/4"  
pre-wire plug



**955WH**  
Plunger switch for  
alarm cabinets



**955WH and 28-2**  
Shown together

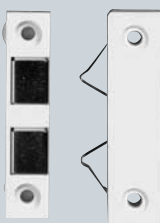


**28-2**  
Bracket for the **955WH**  
tamper switch  
(mounts to alarm can)



**920**  
L-bracket for **950**  
magnetic contact

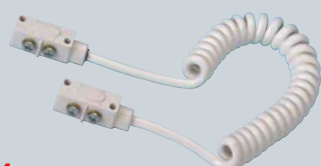
## FOIL CONTACT SWITCHES



**367**  
Foil contact  
**AVAILABLE IN:**  
**367WH** – White  
**367BR** – Brown



**380**  
Spacer for **367**  
**AVAILABLE IN:**  
**380WH** – White  
**380BR** – Brown



**64**  
**Retractable Slimline Stretch Door Cord**  
• Solves the problem of carrying protective circuits  
off double hung-windows, sliding doors and  
other movable fixtures  
**AVAILABLE IN:**  
**64WH** – White

## DOOR CORDS



**69**  
**Disconnecting Door Cord**  
• Ideal for protecting areas such as overhead garage  
and roll up doors  
• Can be used as a contact or as a combination  
contact and circuit take-off  
• Contains polarized plug and special stress relief  
chains which protect door cord wires



### HOLD-UP SWITCHES



#### 269R

##### Hold-Up Switch with stainless steel cover

- Ideal for all commercial cash business applications, school classrooms, manager's offices, inside of vaults and or anywhere an employee interfaces with the public from a fixed location
- Switch type: Plunger type DPDT
- Switch action: Selectable latching or momentary
- Switch rating: 0.2A at 30VDC max.
- Connections: four position 45° screw terminal block for each output side with EOL resistor splicing terminals
- Operating temp: 14° F to 140° F (-10° C to 60° C)
- Listed for UL636 Hold-up alarm units and systems
- Dimensions: 3-1/2" L x 2" W x 1-1/4" D



#### 270R

##### Hardwired Hold-Up Switch in plastic case

- Ideal for all commercial cash business applications, school classrooms, manager's offices, inside of vaults and or anywhere an employee interfaces with the public from a fixed location
- Switch type: Plunger type DPDT
- Switch action: Selectable latching or momentary
- Switch rating: 0.2A at 30VDC max.
- Connections: four position 45° screw terminal block for each output side with EOL resistor splicing terminals
- Operating temp: 14° F to 140° F (-10° C to 60° C)
- Listed for UL636 Hold-up alarm units and systems
- Dimensions: 3-1/2" L x 2" W x 1-1/4" D



#### 269SN

##### V-Plex® Hold-Up Switch with stainless steel cover

- Ideal for all commercial cash business applications, school classrooms, manager's offices, inside of vaults or anywhere an employee interfaces with the public from a fixed location
- Serial number addressable
- Switch type: Plunger type DPDT
- Switch action: Selectable latching or momentary
- Switch rating: 0.2A at 30VDC max.
- Connections: four position 45° screw terminal block for each output side with EOL resistor splicing terminals
- Operating temp: 14° F to 140° F (-10° C to 60° C)
- Listed for UL636 Hold-up alarm units and systems
- Dimensions: 3-1/4" L x 2" W x 1-1/4" D



Please see page 129 for more information on V-Plex.

### HOLD-UP SWITCHES



**268**

#### Hold-Up Switch

- No chance of accidental tripping
- Smooth operation without danger of being detected
- Supplied with SPDT contacts for open or closed circuit systems
- Switch rating: 0.1A at 28VDC MAX.
- Dimensions: 3-1/16" W x 4" L



**264**

#### Money Clip

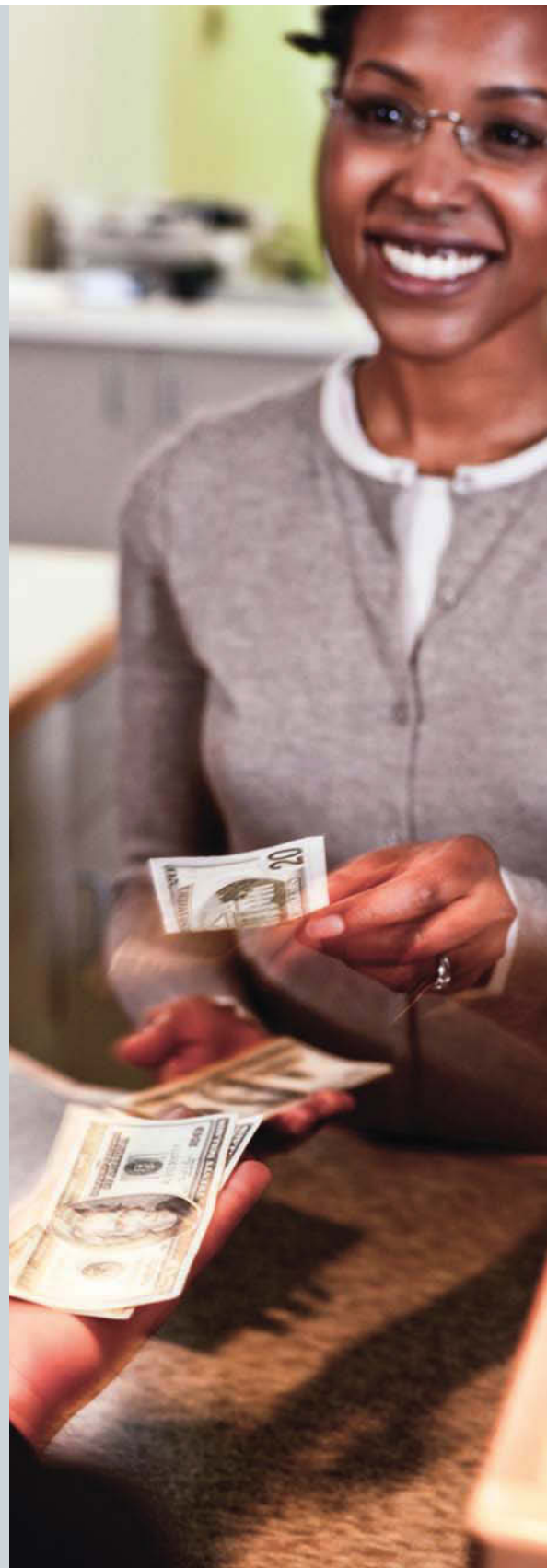
- Designed for installation in cash registers, cash boxes and at tellers' windows
- When activated, it can be programmed to send an immediate signal to either the police or central office
- Single pole double-throw contacts
- Recessed screws provided for easy mounting



**266**

#### Foot Rail

- Reliable easy to operate foot activated hold-up device
- Housing made from rugged cast aluminum
- Designed to minimize the possibility of false alarms while permitting unobtrusive operation
- Indicator flag locks when alarm is tripped
- Switch rating: .5A at 30VAC/DC MAX.
- Dimensions: 18" L x 3.5" D x 4" H



### STROBES



#### 710

##### Strobe Warning Lights

- High intensity flashes for fast premises identification
- May be surface mounted or mounted on alarm bell housing
- 6 to 12VDC operation in single unit
- Weather resistant for outdoor use
- .350 Amps current draw for 6VDC operation and .250 Amps for 12VDC operation
- Dimensions: 4-3/8" W x 4-3/8" H x 3-1/2" D

##### AVAILABLE IN:

- 710CL** – Clear
- 710AM** – Amber
- 710RD** – Red
- 710BL** – Blue

### POWER SUPPLIES



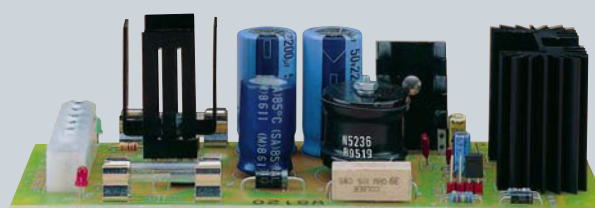
#### AD12612

##### Auxiliary Power Supply/Battery Charger

- Provides 6 or 12VDC (6 or 12V operation)
- 1.2 Amps continuous output to power devices
- Factory preset at 13.6VDC, with the jumper set to supply 12VDC
- Transformer purchased separately

##### ALSO AVAILABLE:

- 1361** – transformer for 12VDC



#### AD25624

##### Auxiliary Power Supply/ Battery Charger

- Provides 12 or 24VDC (6 or 12V operation)
- 2-1/2 Amps continuous output to power device
- Transformer purchased separately

##### ALSO AVAILABLE:

- XF30** – transformer for 24VDC



## V-Plex®

---

Honeywell's state-of-the-art V-Plex family of products makes it easier than ever for your customers to enhance their alarm systems and provide their businesses with a more complete security solution.

Unique two-wire polling loop technology lets you easily add more points of protection—including glassbreak detectors, motion sensors and contacts—providing your customers with peace of mind.

---

### **THIS SECTION INCLUDES:**

- Motion Sensors
- Contacts
- Hold-Up Switches
- Smoke Detectors
- Glassbreak Detectors
- Expansion



## The Industry's Leading Addressable Technology



V-Plex is the patented polling loop technology that literally redefines low-cost and superior performance on a simple pair of wires.

By utilizing two wires instead of four, V-Plex offers significant advantages over home run wiring or the conventional four-wire loops—providing economical expansion of peripheral devices and point identification to your central monitoring station.

### Benefits

#### Reduced Costs

Since each V-Plex sensor can be installed using standard twisted pair wiring for power and data, costs are substantially reduced.

#### Reduced Power Consumption

V-Plex devices draw minimal amounts of current, virtually eliminating the need for auxiliary power supplies.

#### Fast, Accurate Identification and Response

Point ID allows you to quickly and easily pinpoint the source of alarm or trouble from the keypad and communicate the information to the proper authorities if necessary.

#### Reduced Time and Labor

Some V-Plex devices offer a labor and time-saving maintenance feature that gives you the ability to diagnose and pinpoint sensors that need maintenance before they cause an alarm condition. As a result, installation and service professionals can arrive at the site already knowing the exact location of the problem. Service calls become much more efficient, saving you the time and labor costs associated with repeat visits.

#### Reduced Maintenance Costs

V-Plex can initiate functional smoke detector testing from a VISTA®-128FBP or 250FBP series system keypad—automatically logging results locally and at a monitoring center. This drastically reduces system maintenance costs when annual tests or inspections are performed.

Honeywell's V-Plex addressable technology offers many new and exciting innovations while fully supporting our previous generation of addressable loop products. You'll experience efficiencies in installation and reliability and that will add up quickly on your bottom line. Begin experiencing the V-Plex advantage today.

## ADD VALUE TO EACH AND EVERY SALE

### Save Wiring Time and Add More Points of Protection with V-Plex Polling Loop Technology

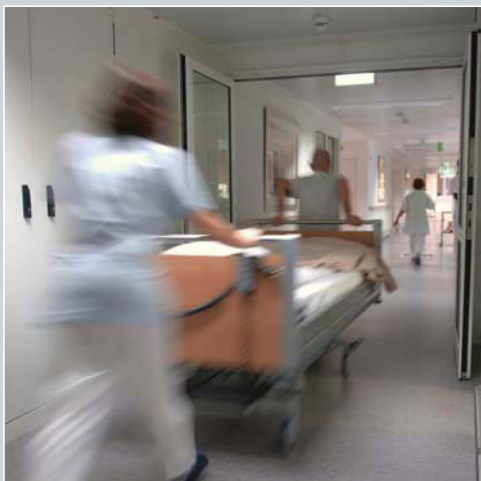
Honeywell's state-of-the-art V-Plex family of products make it easier than ever for you to enhance your customers' alarm systems and provide them with the most complete security system possible. You can quickly add more points of protection—including glassbreak detectors, motion sensors and contacts—whenever your customers need them. It's a great way to add value to each and every sale!



#### V-Plex gives you the ability to:

- Provide your customers with a comprehensive, scalable solution that doesn't require the amount of power consumption typically required for systems this robust
- Tailor a system to your customers' exact needs and add extra points of protection at any time to meet the demands of growing businesses
- Offer a system that provides fast response time and helps prevent costly, false alarm-driven service calls
- Isolate and pinpoint the exact location of faulty areas—allowing the working parts of the system to continue to provide protection while avoiding trouble closings\*
- Incorporate just the right combination of security and access control when using VistaKey
- Help your customers make the most of their systems when incorporating V-Plex with Honeywell's Touchscreen Keypad and expansion devices like the 4297 Isolation/Extender Module

*\*when used with VSI V-Plex Short Loop Isolator*



## MOTION SENSORS

### V-Plex

By utilizing only two wires, Honeywell's patented V-Plex polling loop technology provides point identification to central monitoring stations, reduces wire runs and offers economical expansion of peripheral devices.



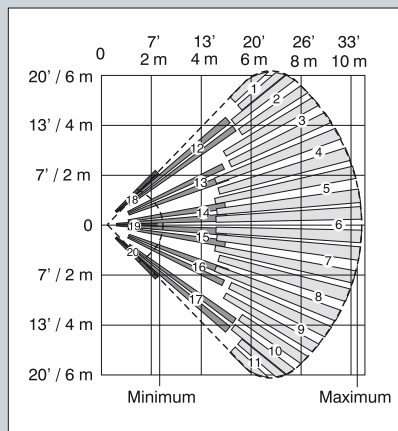
#### DT7500SN

##### V-Plex DUAL TEC® Motion Sensor

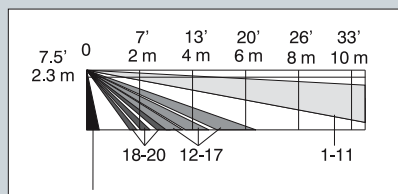
- Range: 50' x 60' (15m x 18m)
- Selectable pet immunity 0/50/100 lbs. (0/23/45 kg); 35' x 40' (11m x 12m) – with optional lens included
- Serial number addressable
- Ideal for use in multi-tenant buildings such as office-warehouse and mini-storage facilities, machine shops, garages and other industrial locations
- Pattern containment and pattern shaping through K-Band microwave technology
- Advanced microprocessor-based signal processing
- PIR/microwave supervision
- Infinite fluorescent light immunity

- Continuous self-testing
- Detects anti-mask attempts and indicates with flashing lights
- Uniform sensitivity options
- Four sensitivity settings
- Patented Zero Clearance Black Bug Guard
- Patented mirror look down
- 45° terminal blocks
- Automatic walk test mode
- Mounting height 7' - 9'
- Smart contact disables/enables fault/restore messages for PIR with panels enabled for smart contact
- High traffic inhibit delays second alarm transmission for 5-15 seconds to help speed up the V-Plex bus

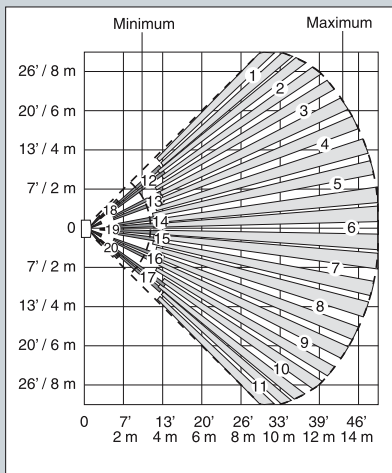
Top View Pet Lens



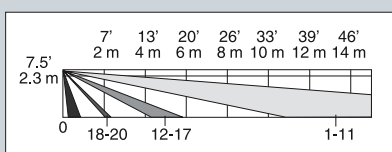
Side View Pet Lens



Top View Wide Angle Lens



Side View Wide Angle Lens





## MOTION SENSORS



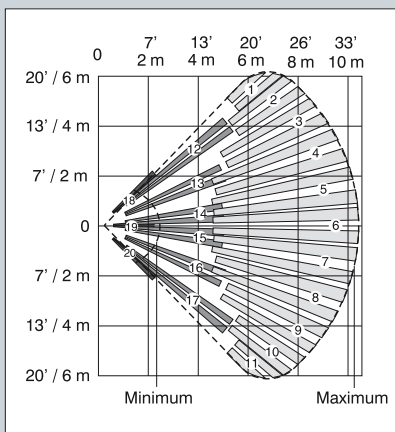
### IS2500SN

#### V-Plex PIR Motion Sensor

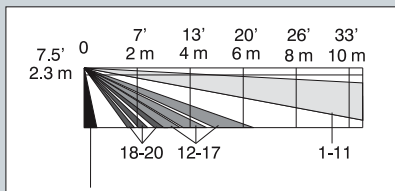
- Range: 50' x 60' (15m x 18m)
- Selectable pet immunity 0/40/80 lbs. (0/18/36 kg); 35' x 40' (11m x 12m) - with optional lens included

- Serial number addressable
- Ideal for medium-to-large sized rooms such as business lobbies, dining halls and large offices
- Use multiple units to cover larger areas
- Global compliance
- Dual-slope temperature compensation
- Uniform sensitivity options
- Four sensitivity settings
- Patented Zero Clearance Black Bug Guard
- Patented mirror look down
- 45° terminal blocks
- Automatic walk test mode
- Mounting height 7' - 9'
- Smart contact disables/enables fault/restore messages for PIR with panels enabled for smart contact
- High traffic inhibit delays second alarm transmission for 5-15 seconds to help speed up the V-Plex bus

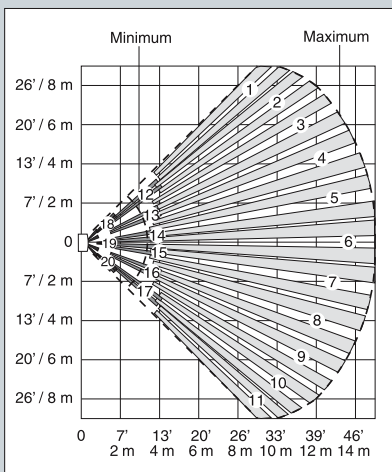
Top View Pet Lens



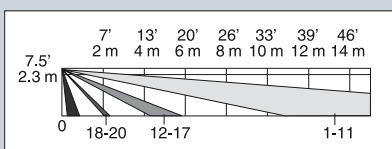
Side View Pet Lens



Top View Wide Angle Lens

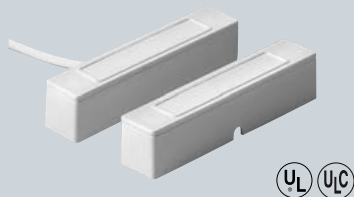


Side View Wide Angle Lens





## CONTACTS



### 4939SN

#### V-Plex Addressable Surface Mount Contact

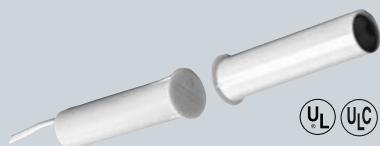
- Ideal for exposed applications for wood-framed and metal-framed doors and windows
- Programmable surface mount contact
- Serial number addressable
- Standard gap: 1-1/4" (32mm)
- 5' (1.5m) CLII jacketed cable
- Epoxy sealed for protection from moisture and impact

#### AVAILABLE IN:

**4939SN-WH** – White

**4939SN-BR** – Brown

**4939SN-GY** – Gray



### 4191SN

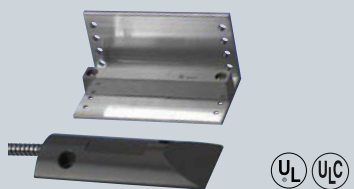
#### V-Plex Recessed Magnetic Contact

- Ideal for concealed applications for wood-framed doors and windows
- Recessed contact with built-in RPM (Remote Point Module)
- Serial number addressable
- Press fit design in 1/2" (12mm) diameter case
- Factory installed 5' (1.5m) zip cord leads saves time
- Standard gap: 7/8" (22mm) end-to-end

#### ALSO AVAILABLE:

**4191SN-WH** – White

**4191WA** – 3/4" (19mm) adapter for metal-framed doors and windows doors



### 4959SN

#### V-Plex Addressable Overhead Door Contact

- Ideal for roll-up doors in shipping and receiving bays and garage applications
- Rugged aluminum housing and adjustable L bracket type magnet
- Serial number addressable
- Standard gap: 2" (51mm)
- 24" (61cm) armored cable
- Epoxy sealed for protection from moisture and impact

## HOLD-UP SWITCHES



### 269SN

#### V-Plex Hold-Up Switch with stainless steel cover

- Ideal for all commercial cash business applications, school classrooms, manager's offices, inside of vaults and walk-in refrigerators or anywhere an employee interfaces with the public from a fixed location
- Serial number addressable
- Switch action: Selectable latching or momentary
- Operating temp: 14° F to 140° F (-10° C to 60° C)
- Listed for UL636 Hold-Up alarm units and systems
- Dimensions: 3-1/4" L x 2" W x 1-1/4" D

## SMOKE DETECTORS

The model 5193SD/SDT addressable photoelectric smoke detector incorporates a state-of-the-art optical sensing chamber and an advanced microprocessor. Built-in drift compensation algorithms automatically maintain proper operation at factory calibrated detection levels even when the sensitivity is altered due to contaminants. The detector is designed to provide open area protection and to be used with compatible UL Listed Honeywell control panels.

### 5193SD/5193SDT V-Plex Addressable Smoke Detector

- Low profile design
- Automatic maintenance reporting
- Simple two-wire installation
- Automatic drift compensation
- Equipped with dual LED (green and red) status indicators
- Conveniently wire to mounting base
- No disassembly required for maintenance/cleaning
- Available with integral heat sensor (5193SDT)



## GLASSBREAK DETECTORS



### FG1625SN

#### V-Plex Glassbreak Detector

- Ideal for any room where windows are present
- Effective with the widest variety of window types in the industry
- Use multiple units for larger areas
- FlexCore™ processing
- Serial number addressable\*
- Set-up and performance identical to the FG1625
- Four adjustable sensitivity settings
- 25' range/no minimum range
- Remote test mode activation
- Protected PCB

*\*For use with Honeywell V-Plex addressable control panels.*

## EXPANSION



### 4101SN

#### V-Plex Addressable Relay Module

- One Form C SPDT relay
- One class B/style B EOLR-supervised aux. input zone
- Operating power and communication with control panels via the addressable V-Plex polling loop
- Electronics mounted in a small plastic case with tamper-protected cover
- Suitable for residential and commercial burglary and fire installations
- Dimensions: 2-1/8" W x 3-1/4" H x 1" D



### 4190SN

#### V-Plex Two Zone Expander

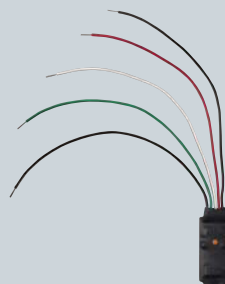
- Closed-circuit devices with or without EOLR supervision
- Open-circuit devices with EOLR supervision
- Fast-response (10 millisecond) devices
- Dimensions: 2-1/8" W x 3-1/4" H x 1" D



### 4193SN

#### V-Plex Two-Zone Expander

- Makes any hardwired contact device V-Plex ready
- Built-in serial number for addressing
- One supervised zone and one unsupervised zone
- UL Listed fire (when mounted inside a UL listed cabinet) and burglary applications



### 4193SNP

#### V-Plex Two-Zone Expander

- Makes any hardwired contact device V-Plex ready
- Built-in serial number for addressing
- One supervised zone and one unsupervised zone
- Improved surge suppression
- UL Listed fire (when mounted inside a UL listed cabinet) and burglary applications

## EXPANSION



### **4208U**

#### **V-Plex Addressable Loop Expansion Module**

- Remote eight-point module (for fire or burglary)
- Supports both DIP switch and serial number applications
- Dimensions:  
6-2/5" W x 4-1/4" H x 1-1/4" D



### **4208SN**

#### **V-Plex Remote Eight Zone Interface Module**

- Remote V-Plex zone interface module
- Supports serial number application
- Dimensions:  
6-2/5" W x 4-1/4" H x 1-1/4" D



### **4208SNF**

#### **V-Plex Universal Class A and Class B Expander Module**

- Provides up to six Class B supervised zones using external 10k EOL resistors and two Class A supervised loops using built-in 10k EOL resistors
- Powered from addressable loop or DC power supply
- Serial number addressing via DIP switch
- Dimensions:  
6-2/5" W x 4-1/4" H x 1-1/4" D



### **4297**

#### **V-Plex Polling Loop Extender Module**

- Isolates and protects different areas of protection
- Extends loop distance
- Separate DC input, no loop current drain
- Dimensions:  
6-2/5" W x 4-1/4" H x 1-1/4" D



### **VPlex-VSI**

#### **V-Plex Short Isolator**

- Detects and isolates polling loop branches with complete or resistive shorts
- Can be used to isolate burglary devices from fire devices
- LED indicator reduces troubleshooting time and maintenance costs
- Dimensions:  
4-1/10" L x 2-3/4" W x 9/10" D



## NOTES:

[illegible]



## Expansion Modules & Accessories

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Honeywell's wide range of expansion modules and accessories enable you to configure a system to meet any installation challenge and help end-users take full advantage of their security system features.

Products include power supplies, switchers, sensors and a full line of devices featuring Honeywell's patented V-Plex® polling loop technology, which literally redefines price and performance on a simple pair of wires.

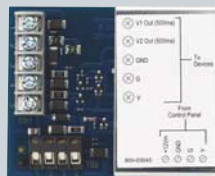
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### THIS SECTION INCLUDES:

- ADEMCO®
- V-Plex
- Power Supplies
- Omni

# Expansion Modules & Accessories | ADEMCO®

## EXPANSION



### ECP-ISO ECP Isolator

- Helps to maintain the operation of near-side isolated equipment such as fire keypads and communicators in the event of shorts or grounds on the extended ECP bus
- Compatibility:
  - VISTA®-128FBP
  - VISTA-250FBP
  - FA1670C
  - FA1700C



### 4101SN V-Plex® Addressable Relay Module

- One Form C SPDT relay
- One class B/style B EOLR-supervised aux. input zone
- Operating power and communication with control panels via the addressable V-Plex polling loop
- Electronics mounted in a small plastic case with tamper-protected cover
- Suitable for residential and commercial burglary and fire installations
- Dimensions: 2.13" W x 3.25" H x 1" D



Please see page 129 for more information on V-Plex.



### 4190SN V-Plex Two-Zone Expander

- Closed-circuit devices with or without EOLR supervision
- Open-circuit devices with EOLR supervision
- Fast-response (10 millisecond) devices
- Dimensions: 2.13" W x 3.25" H x 1" D



Please see page 129 for more information on V-Plex.



### 4193SN V-Plex Two-Zone Expander

- Makes any hardwired contact device V-Plex ready
- Built-in serial number for addressing
- One supervised zone and one unsupervised zone
- UL listed fire (when mounted inside a UL listed cabinet) and burglary applications



Please see page 129 for more information on V-Plex.



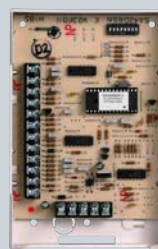
### 4204 Relay Module

- Four on-board programmable relays
- Applications include sounder, strobe lights or interface to other equipment to provide added convenience
- Easily wires to the control and fits comfortably inside the cabinet
- Dimensions: 6.44" W x 4.25" H x 1.25" D



### 4204CF Supervised Notification Appliance Module

- Adds up to two Class B (style Y) supervised notification outputs to compatible ADEMCO panels
- Applications such as sounders and strobe lights to provide added convenience
- Easily wires to the control and fits comfortably inside the cabinet
- Has a built-in cover tamper switch to detect and report the removal of its cover to the panel
- Dimensions: 6.44" W x 4.25" H x 1.25" D



### 4208SN Remote Eight-Zone Interface Module

- Remote V-Plex zone interface module
- Supports serial number application
- Dimensions: 6.44" W x 4.25" H x 1.25" D



### 4208SNF Universal Class A and Class B Expander Module

- Provides up to six Class B supervised zones using external 10k EOL resistors and two Class A supervised loops using built-in 10k EOL resistors
- Powered from addressable loop or DC power supply
- Serial number addressing via DIP switch
- Dimensions: 6.44" W x 4.25" H x 1.25" D

## EXPANSION



### 4208U

#### V-Plex® Universal Eight-Zone Expander

- Remote eight-point module (for fire or burglary)
- Supports both DIP switch and serial number applications
- Dimensions: 6.44" W x 4.25" H x 1.25" D



Please see page 129 for more information on V-Plex.



### 4209U

#### Four-Zone V-Plex Group Zoning Module

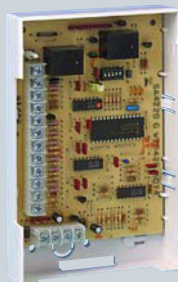
- Combines two-wire smoke detectors from an area of protected premises into group zones
- Supports both DIP switch and serial number applications
- Can be attached remotely or at the panel
- All loops are EOLR supervised (2K, supplied)
- Provides power and super-vision for two-wire industry standard smoke detectors
- Dimensions: 6.44" W x 4.25" H x 1.25" D



### 4219

#### Wired Zone Expander

- Adds up to eight end-of-line supervised zones
- Connection made to the control's console wires
- Comfortably fits inside the controls cabinet
- Supported on VISTA®-15/20 series control panels
- Dimensions: 6.44" W x 4.25" H x 1.25" D



### 4229

#### Wired Zone Expander/Relay Board

- Provides eight end-of-line supervised zones
- Two on-board programmable relays
- Connection made to the control's console wires
- Supported on VISTA-15/ 20 series control panels
- Dimensions: 6.44" W x 4.25" H x 1.25" D



### 4297

#### V-Plex Polling Loop Extender Module

- Isolates and protects different areas of protection
- Extends loop distance
- Separate DC input, no loop current drain
- Dimensions: 6.44" W x 4.25" H x 1.25" D



Please see page 129 for more information on V-Plex.



### V-PLEX-VSI

#### V-Plex Short Isolator

- Detects and isolates polling loop branches with complete or resistive shorts
- Can be used to isolate burglary devices from fire devices
- LED indicator reduces troubleshooting time and maintenance costs
- Dimensions: 4.14" L x 2.56" W x 0.87" D



Please see page 129 for more information on V-Plex.



# Expansion Modules & Accessories | ADEMCO®

## ACCESSORIES



### VA8200

#### Panel Linking Module

The VA8200 Panel Linking Module allows multiple control panels to be networked together and controlled from any keypad in the system, letting you control multiple zones, partitions or buildings from one location.

- Links panels to control multiple systems, and buildings from one central location
- Up to eight systems can be linked together
- Dimensions: 6.44" W x 4.5" H x 1.25" D

**Compatible with** VISTA®-128BP, VISTA-128FBP, VISTA-250BP, VISTA-250FBP



### 4100SM

#### Serial Interface Module

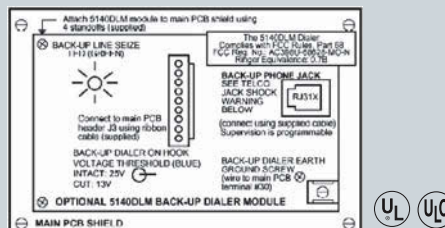
- Interface for printer for VISTA-50P, VISTA-128BP, VISTA-128FBP, VISTA-250BP and VISTA-250FBP
- Direct wire download interface for VISTA-40, VISTA-50P, VISTA-128BP, VISTA-128FBP, VISTA-250BP and VISTA-250FBP
- Dimensions: 4" W x 2.75" H x 0.75" D



### 659EN

#### Line Fault Monitor

- Monitors phone-line voltage
- Operates on 6 or 12VDC
- Form C relay
- Momentary or maintain relay closure
- Dimensions: 2.5" W x 6" H x 1.5" D



### 5140DLM

#### Backup Dialer

- Provides a secondary supervised dialer output to commercial fire panels: VISTA-128FBP, VISTA-250FBP and VISTA-32FB
- Voltage is 12VDC
- 5mA inactive current
- 15mA active current
- NFPA-72 compliant

**Listings:** UL/ULC Listed to UL365, UL464, UL609, UL864, UL1610, UL1635, CAN/ULC-S303, CAN/ULC-S304, CAN/ULC-S525, CAN/ULC-S527

# Expansion Modules & Accessories | ADEMCO®

## ACCESSORIES



### 1361X10

#### X10 Plug-In Transformer

- Provides 16.5VAC
- Provides the most powerful yet simple solution for controlling lights and appliances through X10 compatible AC line carrier
- Provides both power to the panel and direct signaling capability to the existing AC wires
- Simple to wire
- Only requires one AC outlet



### AD12612

#### Power Supply

- Provides six or 12VDC
- 1.2 Amps continuous output to power devices
- Transformer purchased separately
- Factory preset at 13.6VDC, with jumper set to 12VDC
- Battery: Supports a standard 4 AH gel cell battery
- Transformer required:
  - 6V operation – 12VAC, 20VA (Model 1322/TF3)
  - 12V operation – 16.5VAC, 40VA (Model 1361)
- Fuse: 3 Amp fast blow fuse (Model FP1166)
- Board dimensions: 4" W x 2" H x 1.75" D



### AD25624

#### Power Supply

- Provides 12 or 24VDC
- 2.5 Amps continuous output to power devices
- Transformer purchased separately
- Battery: Supports a standard 4 AH gel cell battery
- Transformer required: XF30 is recommended and can be used for either 12 or 24VDC operation (1451-24, in red cabinet)
- Fuse:
  - 6 Amp (Part #N9544)
  - 5 Amp (Part #90-9)
- Board dimensions: 6.5" W x 2" H x 1.562" D

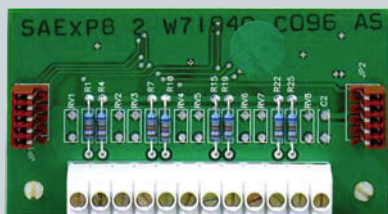


### AVS

#### Audio Verification System

- Two-way voice communication during the event of an alarm allows central station operators to talk directly to end-users and vice-versa
- ECP four-wire support on AVS control and AVST voice station
- Enhanced sound quality on AVST (87 dB)
- AVS control mounts directly inside VISTA® cabinet
- Compatible with GSMV4G for two-way voice use over GSM
- Compatible with VISTA-15P, VISTA-20P and VISTA-21iP for ECP connections

## OMNI EXPANSION



### OMNIEXP8

#### Hardwired Expansion Module

- Eight zone wired expander (16 zones with unique zone doubling options)
- Snaps directly to control board for easy installation
- Cost effective system expansion
- Dimensions: 3.5" W x 1.9" H



### XL4705

#### Relay Expansion Module

- Relay expansion module allows five dry form C (SPDT) relay outputs to be added to the OMNI408, OMNI624EU and OMNI848EU
- Up to four of these modules can be used with the OMNI624EU and OMNI848EU
- Dimensions: 6" W x 2.75" H

# What if SIAC Didn't Exist?



In business, like everything else, sometimes we take things for granted. But the problem with taking things for granted is that if you're not careful, those things can quickly disappear.

To ensure a profitable future, you need to support the Security Industry Alarm Coalition (SIAC). From Washington to Massachusetts, this non-profit organization works with law enforcement and alarm associations, fighting against onerous alarm ordinances. Ordinances that if passed, could seriously jeopardize the profitability of your business.

You might say, "It doesn't matter if SIAC is helping dealers miles and miles from my business." But if you neglect the problem until it reaches your door, it might be too late.



**Support SIAC today at  
[www.siacinc.org](http://www.siacinc.org)**





## NOTES:

[illegible]

# Integrated Solutions

More and more, customer requirements cannot be met with one solution—rather, they need a seamless approach that integrates different elements to suit their needs. The trend toward integration has made it easier to bring together the worlds of intrusion, access control and video surveillance into a single user interface.

## THIS SECTION INCLUDES:

- VistaKey
- WIN-PAK® SE
- WIN-PAK® PE
- PRO2200

### Complete Integration from a Single User Interface

Supporting multiple control panel platforms, WIN-PAK® optimizes system performance and total cost of ownership. Seamless integration provides a common look and feel for access control hardware as well as video and intrusion solutions. The result is a solution powerful enough to handle all of your customers' integrated security requirements from a single user interface. The unique combination of intrusion, video and access control saves time and money by reducing training and labor.



### Key Integration Benefits

- Save time and money by managing three separate systems with one easy-to-use software interface.
- Improve the level of security by eliminating user code sharing. Increase security by using a unique card to disarm a system and grant access at the door.
- WIN-PAK software interface allows users to retrieve and play back alarms associated with intrusion and access control.
- Automated reporting allows users to send up-to-date reports on intrusion and access events hourly, daily, weekly or monthly.
- Reduce employee down-time by requiring training on only one system.
- Align WIN-PAK SE with VISTA® integration with existing system needs for an added level of security.
- Expand to meet current and future needs. Start with access and add video or intrusion later as requirements change.



**Honeywell's VistaKey Single Door Access Control system is incredibly easy to install and configure.**

Designed to provide low-cost access control expansion for the popular VISTA®-32FB, 128BP, 128FBP, 250BP or 250FBP Integration Ready Control Panels, the state-of-the-art module maximizes security investments by integrating access control, intrusion detection and fire detection into one system. Installation costs are reduced by eliminating the need to install additional wiring, panels and software.



## Features

VistaKey communicates with the control panel on a standard two-wire V-Plex® polling loop. Access validation time is minimized through Honeywell's patented Global Polling feature and special V-Plex protocol. Installation time is reduced through automatic enrollment and quick-start test functions. All programming can be accomplished locally by a keypad or remotely using Honeywell's Compass Downloader software.\*\* Specific system events can be reported to the central station via Honeywell's Contact ID.

- Supports 250 to 500 card holders and eight access groups\*
- Supports up to two VistaKey modules per kit
- A maximum of four to 15 readers for access doors\*
- Wires on standard V-Plex polling loop

## → Dealer Benefits

- Reduce installation material and labor costs by eliminating the need to install additional control panels, software and wiring for access control
- Reduce the time required for installation through automatic module enrollment and quick-start testing
- Simplifies installation and service through tightly coupled integration, eliminating the need to program multiple databases
- One downloader programs security, fire and access control

## → End-User Benefits

- Maximizes security investments by integrating access control, intrusion detection, early warning fire detection and industrial process control into a single system
- Helps reduce false alarms by simplifying operation through the use of a card swipe or wireless keyfob
- Reduces operational costs by eliminating the need to re-key (due to employee turnover)
- Improves security by controlling access to specified areas in the protected premises
- Streamlines security operations by monitoring and recording user activity at a single location

*\*Panel dependent*

*\*\*See page 57 for more information.*





## Compatible Controls

- Three input zones, supervised or unsupervised, can be used for door status monitoring, request-to-exit monitoring and cabinet monitoring (tamper)
- One open collector output trigger (sink 12mA @ 12VDC)
- 512 to 1,000\* access control events recorded in VISTA® event log
- Programmable locally from keypad or remotely from Compass Downloader
- UL listings: UL294, UL, cUL

VistaKey can be used on any commercial VISTA control platform that supports V-Plex® and Honeywell's patented Global Polling feature:

- VISTA-32FB
- VISTA-128BP
- VISTA-128FBP
- VISTA-250BP
- VISTA-250FBP

CONTROL	MAXIMUM NUMBER OF READERS	CARDS	SCHEDULES
VISTA-32FB	4	250	8
VISTA-128BP	8	250	8
VISTA-128FBP	8	250	8
VISTA-250BP*	15*	500*	8
VISTA-250FBP*	15*	500*	8

## ORDERING

### Dealer selects readers and cards:

#### VISTAKEYPAC

(select your own inbound reader and cards)

Includes: 1-VistaKey, 1-Cabinet (UL listed), 1-Transformer, 1-SA12040 Power Supply Board

#### VISTAKEY

(select your own optional outbound reader for the door)

V-Plex Single-Door Access Control Module with Plastic Enclosure

### Pre-selected readers and cards:

#### VISTAKEY-SK

(provides one Mullion-style inbound door reader and 25 access cards)

Starter Kit: Includes 1-VistaKey, 1-Cabinet (UL listed), 1-Transformer, 1-OP30-FWM Proximity Card Reader, 1-PTPROX25 Proxcards (25), 1-SA12040 Power Supply Board, 1-VistaKey Two-Module Mounting Plate

#### VISTAKEY-EXPK

(adds an optional Mullion-style outbound reader)

Expansion Kit: Includes 1-VistaKey Module and 1-OP30-FWM Proximity Reader

Locking hardware sold separately.

\*Panel dependent

## WIN-PAK® SOFTWARE

Honeywell's innovative WIN-PAK with video and intrusion integration combines the three most common security requirements from customers together under one common user interface. Ownership costs associated with training, maintenance and the ability to make system changes on the fly are reduced. Integration is achieved in the software, so there are no interruptions to the workplace caused by hardware and wire installations.



### WIN-PAK® SE 3.0

#### **WPS3**

WIN-PAK SE 3.0

#### **WPS3V**

WIN-PAK SE 3.0 with VISTA®

#### **WPS3U5**

WIN-PAK SE 3.0 Five user

#### **WPS3U5V**

WIN-PAK SE 3.0 Five user with VISTA

### WIN-PAK® SE 3.0 UPGRADES

#### **USXS3**

- Upgrade from WIN-PAK 2005/SE/SE 2.0
- Same options and users to WIN-PAK SE 3.0

#### **US3S3V**

Upgrade from WIN-PAK SE 3.0 Single user (WPS3) to WIN-PAK SE 3.0 Single user with VISTA (WPS3V)

#### **US3S3U5**

Upgrade from WIN-PAK SE 3.0 Single user (WPS3) to WIN-PAK SE 3.0 Five user (WPS3U5)

#### **US3S35V**

Upgrade from WIN-PAK SE 3.0 Single user (WPS3) to WIN-PAK SE 3.0 Five user with VISTA (WPS3U5V)

#### **US3VS35V**

Upgrade from WIN-PAK SE 3.0 Single user with VISTA (WPS3V) to WIN-PAK SE 3.0 Five user with VISTA (WPS3U5V)

#### **US35S35V**

Upgrade from WIN-PAK SE 3.0 Five user (WPS3U5) to WIN-PAK SE 3.0 Five user with VISTA (WPS3U5V)

### WIN-PAK® PE 3.0

#### **WPP2**

WIN-PAK PE 3.0

### WIN-PAK® PE 3.0 UPGRADES

#### **UPP3**

Upgrade from WIN-PAK PE (WPPE) or WIN-PAK PE 2.0 (WPP2) to WIN-PAK PE 3.0 (WPP3)

#### **US3P3**

Upgrade from WIN-PAK SE 3.0 Single user (WPS3) to WIN-PAK PE 3.0 (WPP3)

#### **US35P3**

Upgrade from WIN-PAK SE 3.0 Five user (WPSU53) to WIN-PAK PE 3.0 (WPP3)

### WIN-PAK® SE 3.0 / WIN-PAK® PE 3.0 HARDWARE KEYS FOR RAID APPLICATIONS

#### **WPS2K**

WIN-PAK SE 3.0/WIN-PAK SE 2.0 hardware key

#### **WPS2U5K**

WIN-PAK SE 3.0/WIN-PAK SE 2.0 Five user hardware key

#### **WPP2K**

WIN-PAK PE 3.0/WIN-PAK PE 2.0 hardware key



## WPAB1

### Access and 128 Zone Intrusion Integration Kit for RS232 Based Communications

- Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA® integration option (WPSEV)
- Two door access control panel (NS2P - includes plug-in transformer and S-4 suppressors)
- Intrusion panel (VISTA-128FBP - includes wired-in transformer)
- Two access readers (OP30HONR)
- Intrusion keypad (6160)
- Serial converter for the intrusion panel (4100SM)
- Serial to RS485 converter for the access control panel (N-485-PCI-2) and batteries (BAT-3 and 712BNP)

## WPAB2

### Access and 128 Zone Intrusion Integration Kit for Ethernet Based Communications

- Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV)
- Two door access control panel (NS2P - includes plug-in transformer and S-4 suppressors)
- Intrusion panel (VISTA-128FBP - includes wired-in transformer)
- Two access readers (OP30HONR)
- Intrusion keypad (6160)
- Serial converter for the intrusion panel (4100SM)
- Serial to Ethernet converter (LANSRLU1)
- Ethernet to RS-485 converter kit for the access control panel (N485PCI2L) and batteries (BAT-3 and 712BNP)

## WPAB3

### Access and 250 Zone Intrusion Integration Kit for RS232 Based Communications

- Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV)
- Two door access control panel (NS2P - includes plug-in transformer and S-4 suppressors)
- Intrusion panel (VISTA-250FBP - includes wired-in transformer)
- Two access readers (OP30HONR)
- Intrusion keypad (6160)
- Serial converter for the intrusion panel (4100SM)
- Serial to RS485 converter for the access control panel (N-485-PCI-2) and batteries (BAT-3 and 712BNP)

## WPAB4

### Access and 250 Zone Intrusion Integration Kit for Ethernet Based Communications

- Access and Intrusion Integration Kit for RS232 based communication includes WIN-PAK SE with VISTA integration option (WPSEV)
- Two door access control panel (NS2P - includes plug-in transformer and S-4 suppressors)
- Intrusion panel (VISTA-250FBP - includes wired-in transformer)
- Two access readers (OP30HONR)
- Intrusion keypad (6160)
- Serial converter for the intrusion panel (4100SM), serial to Ethernet converter (LANSRLU1)
- Ethernet to RS485 converter kit for the access control panel (N485PCI2L) and batteries (BAT-3 and 712BNP)



## PRO2200 PROFESSIONAL SERIES ACCESS CONTROL PANEL



The PRO2200 is an advanced access control panel capable of providing solutions where installation space is at a premium. Designed to fit in tight spaces, it provides high-density installations for up to 16 doors. The rack-mount design makes it ideal for applications where 8 or more doors are needed.

### **PRO22E1IC** Intelligent Controller Kit\* RS485 Communication

- (1) PRO22IC
- (1) PRO22DCC
- (1) PRO22E1PS
- (1) PRO22BAT1
- (1) PRO22ENC1

### **PRO22E1EN** Intelligent Controller Kit\* TCP/IP Communication

- (1) PRO22IC
- (1) PRO22EN
- (1) PRO22DCC
- (1) PRO22E1PS
- (1) PRO22BAT1
- (1) PRO22ENC1

### **PRO22E1IC** Intelligent Controller Kit\* RS485 Communication

- (1) PRO22IC
- (1) PRO22EN
- (1) PRO22DCC
- (1) PRO22E1PS
- (1) PRO22BAT1
- (1) PRO22ENC1
- (1) PRO22R2
- (2) S4

### **PRO22E1D4** 4-Door TCP/IP Kit\*

- (1) PRO22IC
- (1) PRO22EN
- (1) PRO22DCC
- (1) PRO22E1PS
- (1) PRO22BAT1
- (1) PRO22ENC1
- (2) PRO22R2
- (4) S4

### **PRO22E1D8** 8-Door TCP/IP Kit\*

- (1) PRO22IC
- (1) PRO22EN
- (1) PRO22DCC
- (1) PRO22E1PS
- (1) PRO22BAT1
- (1) PRO22ENC1
- (4) PRO22R2
- (8) S4

### **PRO22SKD8** 8-Door TCP/IP Kit with WIN-PAK SE Software

- (1) PRO22IC
- (1) PRO22EN
- (1) PRO22DCC
- (1) PRO22E1PS
- (1) PRO22BAT1
- (1) PRO22ENC1
- (4) PRO22R2
- (8) S4



\*Software not included order WPSE



## NOTES:

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## Access Control

State-of-the-art access control software integrates the most advanced security technologies with innovative networking capabilities to bring you full-featured security solutions serving any size facility.

### THIS SECTION INCLUDES:

- NetAXS-123
- NetAXS-4
- Cards, Readers and Accessories

*Honeywell has been a leader in access control, security management and automation systems since 1982. Our expertise extends from single door access control to integrated systems capable of managing thousands of doors and monitoring points. Our innovative products exceed the access requirements of our worldwide customers of all sizes. Contact your Honeywell access representative for more information or visit [www.honeywellaccess.com](http://www.honeywellaccess.com).*

## NetAXS-123

The user-friendly design of NetAXS makes it simple to install and easy to operate and maintain. NetAXS gives you all the benefits of traditional access control such as helping you secure your doors, manage employee access, and manage sites remotely. With a browser-based interface, your learning curve and training time are significantly decreased. And you don't have to have a dedicated PC—simply log on and you're ready to go, securely—from the office or anywhere.



### NX1P

#### Description:

- 1-door, compact plastic enclosure with tamper switch
- PoE or externally powered

#### Enclosure dimensions:

7.75" H x 7.75" W x 2.75" D

#### Temperature ratings:

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

#### Listings:

- UL Listed to UL294 pending
- CE and FCC compliant

### NX1P10

#### Description:

- 1-door, compact plastic enclosure with tamper switch
- PoE or externally powered
- (1) OmniProx mini-mullion reader

#### Enclosure dimensions:

7.75" H x 7.75" W x 2.75" D

#### Temperature ratings:

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

#### Listings:

- UL Listed to UL294 pending
- CE and FCC compliant

### NX1MPS

#### Description:

- 1-door, standard metal enclosure with tamper switch and terminal block
- Includes 4A, 12VDC output/100-240VAC input power supply and 12V, 7 AH battery

#### Enclosure dimensions:

13.9" H x 11.9" W x 4.7" D

#### Temperature ratings:

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

#### Listings:

- UL Listed to UL294 pending
- CE and FCC compliant

### NX1MPS10

#### Description:

- 1-door, standard metal enclosure with tamper switch and terminal block
- Includes 4 A, 12 VDC output/100-240 VAC input power supply and 12V, 7 AH battery
- (1) OmniProx mini-mullion reader

#### Enclosure dimensions:

13.9" H x 11.9" W x 4.7" D

#### Temperature ratings:

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

#### Listings:

- UL Listed to UL294 pending
- CE and FCC compliant

### NXD1

#### Description:

- 1-door add-on board
- Adds 1 door to your existing 1-door system = 2 doors

### NXD2

#### Description:

- 1-door add-on board
- Adds 1 door to your existing 1-door system = 2 doors

## NetAXS-4

### **NX4S1**

**Description:**

- 4-door, standard metal enclosure
- Includes NetAXS controller, standard enclosure, suppressor, 12VDC wall transformer and 7A battery

**Enclosure dimensions:**

18" H x 15" W x 4.5" D

**Temperature ratings:**

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

**Listings:**

- UL Listed to UL294
- CE and FCC compliant

### **NX4L1**

**Description:**

- 4-door, deluxe metal enclosure
- Includes NetAXS controller, deluxe enclosure, fire alarm interlock fused output module, backup battery, 24VDC 6
- A built-in power supply and power for up to four door locks – everything you need to power the system

**Enclosure dimensions:**

23.9" H x 17.7" W x 4" D

**Temperature ratings:**

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

**Listings:**

- UL Listed to UL294
- FCC compliant

### **NX4OP30S**

**Description:**

- 4-door, standard metal enclosure
- Includes (4) OP30HONR OmniProx Readers

**Enclosure dimensions:**

18" H x 15" W x 4.5" D

**Temperature ratings:**

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

**Listings:**

- UL Listed to UL294
- CE and FCC compliant

### **NX4OP40S**

**Description:**

- 4-door, standard metal enclosure
- Includes (4) OP40HONR OmniProx Readers

**Enclosure dimensions:**

18" H x 15" W x 4.5" D

**Temperature ratings:**

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

**Listings:**

- UL Listed to UL294
- CE and FCC compliant

### **NXOP30L**

**Description:**

- 4-door, deluxe metal enclosure
- Includes (4) OP30HONR OmniProx Readers

**Enclosure dimensions:**

23.9" H x 17.7" W x 4" D

**Temperature ratings:**

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

**Listings:**

- UL Listed to UL294
- CE and FCC compliant

### **NX4OP40L**

**Description:**

- 4-door, deluxe metal enclosure
- Includes (4) OP40HONR OmniProx Readers

**Enclosure dimensions:**

23.9" H x 17.7" W x 4" D

**Temperature ratings:**

- 32° F to 120° F (0° C to 49° C) Operating
- -67° F to 185° F (-55° C to +85° C) Storage

**Listings:**

- UL Listed to UL294
- FCC compliant





## READERS



**Honeywell offers a comprehensive selection of readers, cards and accessories.** From basic badging components to cards or key tags, you can find the exact products to personalize an access control system to fit your needs.

### Readers

#### OmniProx™ Proximity Readers

OP10HONR	OmniProx HID Compatible, Smallest Mullion Reader 2"/5 cm - Honeywell logo, RoHS Compliant, Lifetime Warranty
OP30HONR	OmniProx HID Compatible, Mini Mullion Reader 3.5"/8.9 cm - Honeywell logo, RoHS Compliant, Lifetime Warranty
OP40HONR	OmniProx HID Compatible, Single Gang (U.S.) Reader 4"/10.2 cm - Honeywell logo, RoHS Compliant, Lifetime Warranty
OP90HONR	OmniProx HID Compatible, metal, single or double-gang (U.S.) reader 2"/5 cm - Honeywell logo, RoHS Compliant, Lifetime Warranty

#### OmniProx™ Reader/Request-to-Exit Kits

OP30RTEBK	OP30 Proximity Reader and IS310BK Black Request-to-Exit Sensor
OP30RTEWH	OP30 Proximity Reader and IS310WH White Request-to-Exit Sensor
OP40RTEBK	OP40 Proximity Reader and IS310BK Black Request-to-Exit Sensor
OP40RTEWH	OP40 Proximity Reader and IS310WH White Request-to-Exit Sensor

#### OmniClass™ Series Contactless SmartCard Readers

OM16BHONA	OmniClass RP15B Mini-Mullion Mount plus HID Prox Reader
OM30BHONB	OmniClass R10B Mullion Mount Reader
OM40BHONC	OmniClass R40B U.S. Single Gang Reader
OM41BHONC	OmniClass RP40B U.S. Single Gang plus HID Prox Reader
OM55BHONB	OmniClass RK40B Reader with Keypad
OM55GHONB	OmniClass RK40G Reader with Keypad
OM56BHONA	OmniClass RPK40B plus HID Prox Reader with Keypad
OM56GHONA	OmniClass RPK40G plus HID Prox Reader with Keypad
OM57BHONA	OmniClass RPK40B plus Indala Reader with Keypad
OM57GHONA	OmniClass RPK40G plus Indala Reader with Keypads

## CREDENTIALS



Credentials	
HID® Proximity Cards	
PVC-H-4	HID PVC Prox Card (34-bit)
PVC-H-4-26	HID PVC Prox Card (26-bit)
PVC-H-5	HID PVC Prox Card (34-bit) with Magnetic Stripe (not encoded)
PVC-H-5-26	HID PVC Prox Card (26-bit) with Magnetic Stripe
PX-26-H	HID Card with Hot Stamp (26-bit)
PX-4-H	HID Prox Card (34-bit)
OmniClass™ Series Credentials (OmniClass Readers Only)	
OKP0N26	OmniClass 2K PVC Card (26-bit)
OKP0N34	OmniClass 2K PVC Card (34-bit)
OKP2N26	OmniClass 16K PVC Card (26-bit)
OKP2N34	OmniClass 16K PVC Card (34-bit)
OKP2M26	OmniClass 16K PVC Card (26-bit) with Magnetic Stripe
OKP2M34	OmniClass 16K PVC Card (34-bit) with Magnetic Stripe
OKH2M26	OmniClass 16K PVC Card plus HID Prox (26-bit) with Magnetic Stripe
OKH2M34	OmniClass 16K PVC Card plus HID Prox (34-bit) with Magnetic Stripe
OKK2N26	OmniClass 16K Key Fob (26-bit)
OKK2N34	OmniClass 16K Key Fob (34-bit)
OKS2N26	OmniClass 16K Sticker (26-bit)
OKS2N34	OmniClass 16K Sticker (34-bit)
OKH2N26	OmniClass 16K PVC Card plus HID Prox (26-bit)
OKH2N34	OmniClass 16K PVC Card plus HID Prox (34-bit)



**OP10HONR**  
Mini Mullion Mount



**OP30HONR**  
Mullion Mount



**OP40HONR**  
Wall Mount



**OP90HONR**  
Vandal Resistant Mount



## Video Surveillance

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No matter what performance you need in your video surveillance system, Honeywell's popular Performance Series has the options you're looking for. Introduced several years ago and developed with our experience and commitment to innovation, the Performance Series speaks for itself. It's easy to meet your existing and emerging security challenges with the wide range of Performance Series products—and all are competitively priced, giving you value from a security partner you know and trust.

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### THIS SECTION INCLUDES:

- Performance Series Cameras
- Performance Series Digital Video Recorders (DVRs)








*Honeywell offers a robust portfolio of video products for any application. While providing the latest in IP surveillance solutions, we continue to offer analog and hybrid video equipment to meet the needs of our diverse customer base. Contact your Honeywell video representative for more information or visit [www.honeywellvideo.com](http://www.honeywellvideo.com).*







# Performance Series


## CAMERAS

**Our Performance Series offers a variety of indoor, outdoor and low light cameras that let you pick just the right one for virtually any application.** Performance Series cameras include a wide range of high-performing IR bullet cameras and mini-domes powered by 12 VDC. These cameras are armed with a 1/3" SONY Super HAD CCD image sensor that provides sharper image quality, so you see every detail when it counts. We've recently expanded the line to include a high-performing 10X PTZ that's dual powered by 24 VAC/12 VDC. This low-profile unit has a 1/4" Interline Transfer CCD image sensor that provides excellent picture quality in daytime and low light conditions. And like all Performance Series cameras, this PTZ is easy to install and even easier to use. So whether you need the performance of IR illumination for low light environments or basic functionality for indoor or outdoor applications, Honeywell has a performer for you!

Mini-Domes							
	IR Indoor/Outdoor Rugged Mini-Domes		IR Indoor Mini-Domes		Indoor/Outdoor Rugged Mini-Domes		Indoor Mini-Dome
							
Part Number	HD73P	HD70P	HD61	HD60	HD51P	HD50P	HD40
Description	True Day/Night	Day/Night	Standard Res. Day/Night	Standard Res. Day/Night	Color	Color	Color
Horizontal Resolution	600 TVL	600 TVL	380 TVL	380 TVL	600 TVL	600 TVL	380 TVL
S/N Ratio	>50 dB (AGC Off)	>50 dB (AGC Off)	>48 dB (AGC Off)	>48 dB (AGC Off)	>50 dB (AGC Off)	>48 dB (AGC Off)	>48 dB (AGC Off)
Lens	Auto Iris Vari-focal Lens (f=3.8~9.5 mm)	Fixed Lens (f=3.88 mm)	Manual Vari-focal Lens (f=4~9 mm)	Fixed Lens (f=4.0 mm)	DC Iris Vari-focal Lens (f=3.8~9.5 mm)	Fixed Lens (f=3.8 mm)	Fixed Lens (f=3.8 mm)
Minimum Illumination	Day (0.3 lux), Night (0.00 lux, IR LED On)	Day (0.3 lux), Night (0.00 lux, IR LED On)	Day (0.3 lux), Night (0.00 lux, IR LED On)	Day (0.1 lux), Night (0.00 lux, IR LED On)	0.3 lux	0.3 lux	0.1 lux
Illumination	20 IR LED (850 nm, 30°)	24 IR LED (850 nm, 30°)	20 IR LED (850 nm, 30°)	24 IR LED (850 nm, 30°)			
IR LED Visible Range	Max. 65 ft., 20m	Max. 50 ft., 15m	Max. 65 ft., 20m	Max. 50 ft., 15m			
Power Consumption	Max. 4.5 W/ 360 mA	Max. 4.8 W/ 400 mA	Max. 4.5 W/ 360 mA	Max. 5 W/ 400 mA	Max. 2.2 W/ 500 mA	Max. 2.2 W/ 500 mA	Max. 1.8 W/ 150 mA
IP Rating	IP66	IP66			IP66	IP66	

# Performance Series | CAMERAS

IR Bullet Cameras				
				
Part Number	HB73P	HB72B HB72W HB72S	HB71B HB71S	HB70
Description	Super High Res. True Day/Night, DNR	Super High Res. Day/Night	Standard Res. Day/Night	Standard Res. Day/Night
Horizontal Resolution	600 TVL	530 TVL	380 TVL	380 TVL
S/N Ratio	>50 dB (AGC Off)	>48 dB (AGC Off)	>50 dB (AGC Off)	>48 dB (AGC Off)
Lens	Vari-focal Lens (f=3.8~9.5 mm)	Fixed Lens (f=4.3 mm)	Fixed Lens (f=6.0 mm)	Fixed Lens (f=4.3 mm)
Minimum Illumination	Day (0.3 lux), Night (0.00 lux, IR LED On)	Day (0.3 lux), Night (0.00 lux, IR LED On)	Day (0.1 lux), Night (0.00 lux, IR LED On)	Day (0.1 lux), Night (0.00 lux, IR LED On)
Illumination	18 IR LED (850 nm, 30°)	12 IR LED (850 nm, 30°)	34 IR LED (850 nm, 15° and 30° mixed)	12 IR LED (850 nm, 30°)
IR LED Visible Range	Max. 65 ft., 20m	Max. 50 ft., 15m	Max. 95 ft., 30m	Max. 50 ft., 15m
Power Consumption	Max. 4.2 W/300 mA	Max. 4.0 W/300 mA	Max. 4.2 W/300 mA	Max. 4.2 W/300 mA
IP Rating	IP65	IP65	IP65	IP65

Pan/Tilt/Zoom	
	
Part Number	HDT
Description	High Res. True Day/Night
Horizontal Resolution	470 TVL
S/N Ratio	>50 dB (AGC Off)
Lens	10X optical zoom (f=1.8, 3.8 mm (wide) to 38 mm (tele))
Minimum Illumination	Day (0.7 lux), Night (0.02 lux)
Illumination	50 IRE
IR LED Visible Range	
Power Consumption	DC: 9.6 W, AC: 9.6 W
IP Rating	



# Performance Series

## DIGITAL VIDEO RECORDERS



**Our Performance Series DVR offering now consists of a new line of DVRs at an extraordinary low price!** Available in 4, 8 or 16 channels, this new HREP line utilizes H.264 compression and offers clear crisp video at up to 240 ips recording rate. Our Performance Series HREP DVRs support a wide range of capabilities such as mouse operation, IR remote control, and best-in-class search engines to quickly find video evidence when you need it fast.

These DVRs meet all your requirements for quick and easy setup and operation. They also feature remote connectivity using a PC with Internet Explorer and iPhone® remote access, adding convenience and value for mobile system users. All Performance Series DVRs offer an advanced feature

set at an affordable price, making them the perfect choice for a wide variety of surveillance applications including small retail, office buildings, apartment buildings and restaurants.

Performance Series DVRs

	16 Channel			8 Channel		4 Channel
Part Number	HREP16D500	HREP16D1T	HREP16D2T	HREP8D500	HREP8D1T	HREP4F500
Storage	500 GB	1 TB	2 TB	500 GB	1 TB	500 GB
Compression	H.264	H.264	H.264	H.264	H.264	H.264
Removable Media	Built-in DVD-RW drive, 2 USB ports	Built-in DVD-RW drive, 2 USB ports	Built-in DVD-RW drive, 2 USB ports	Built-in DVD-RW drive, 2 USB ports	Built-in DVD-RW drive, 2 USB ports	2 USB ports
Auto Channels	4 Line Input/ 1 Line Output	4 Line Input/ 1 Line Output	4 Line Input/ 1 Line Output	4 Line Input/ 1 Line Output	4 Line Input/ 1 Line Output	4 Line Input/ 1 Line Output
Monitor Outputs	Main: DVI/VGA and BNC Spot: BNC-1	Main: DVI/VGA and BNC Spot: BNC-1	Main: DVI/VGA and BNC Spot: BNC-1	Main: DVI/VGA and BNC Spot: BNC-1	Main: DVI/VGA and BNC Spot: BNC-1	Main: DVI/VGA and BNC Spot: BNC-1
IPS Recorded	240 ips CIF 120 ips 2CIF 60 ips 4 CIP	240 ips CIF 120 ips 2CIF 60 ips 4 CIP	240 ips CIF 120 ips 2CIF 60 ips 4 CIP	240 ips CIF 120 ips 2CIF 60 ips 4 CIP	240 ips CIF 120 ips 2CIF 60 ips 4 CIP	120 ips CIF 60 ips 2CIF 30 ips 4 CIP
Recording Resolution NTSC	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480
Remote Users (Simultaneous)	4 Simultaneous Admin, User, Manager	4 Simultaneous Admin, User, Manager	4 Simultaneous Admin, User, Manager	4 Simultaneous Admin, User, Manager	4 Simultaneous Admin, User, Manager	4 Simultaneous Admin, User, Manager
Alarm Inputs/Outputs	4/1	4/1	4/1	4/1	4/1	4/1

## Sales Support

From professional demo kits to high quality end-user brochures and data sheets, Honeywell supports your efforts by providing you with a variety of materials to help grow your business.

### THIS SECTION INCLUDES:

- Demo Kits
- End-User Literature
- Security Channel

*"We want our customers to look at good information. The Security Channel videos give us more credibility showing that we are associated with Honeywell."*  
**Dave Foster, Marketing Director**  
Holmes Security Systems  
Fayetteville, NC



ADEMCO®



## **LYNXTOUCHDEMO**

### **Tabletop LYNX Touch Demo**

Complete working LYNX Touch Wireless Security System enclosed in a sleek carrying case that easily becomes a tabletop display when opened. Demonstrate voice prompt programming, voice chime, speakerphone, a window door transmitter and wireless remote controls. An eye-catching promotion display describes each feature of the LYNX Touch system. Includes LYNX Touch Demo, 5816 Transmitter, 5811 Transmitter and 5834-4 Wireless Key.



## **LYNXPLUSDEMO**

### **Tabletop LYNX Plus Demo**

Complete working LYNXR Plus Wireless Security System enclosed in a sleek carrying case that easily becomes a tabletop display when opened. Demonstrate voice prompt programming, voice chime, speakerphone, a window door transmitter and wireless remote controls. An eye-catching promotion display describes each feature of the LYNX Plus system. Includes LYNX Plus Demo, 5816 Transmitter, 5834-4 Wireless Key and 5804BDV Bidirectional Remote.



## **6150RFHD/6160RFHD**

### **Handheld RF Keypad Demo**

Demonstrate all the functions of a 6150RF or 6160RF Keypad/Receiver, including the convenience of remote control operation. Includes the 5834-4 Wireless Key and the 5804BDV bidirectional voice remote control. Uses a standard 9V battery (included) and comes in an attractive carrying case.

ADEMCO®



## 6150VHD/6160VHD

### Handheld Voice Keypad Demo

Demonstrate virtually all of the functions of a 6150V Fixed English Voice Keypad or 6160V Custom English Voice keypad. Listen as the demo annunciates system status, zone information and recorded playback messages with the Family Message Center. Toggle switches allow you to simulate entry/exit delays and zone bypassing. Uses a standard 9V battery (included) and comes in an attractive carrying case.



## 6280WHD

### Handheld Enhanced Graphic TouchCenter with Digital Picture Frame and Voice Demo

The 6280WHD Handheld Keypad Demo allows you to demonstrate virtually all of the 6280W keypad functions as well as the high-resolution, colorful display and the ability to customize the homescreen. The demo also includes two pre-programmed SD cards, one featuring commercial and the other residential images that show off the digital picture frame feature. You can demonstrate the voice annunciation of system events and the recording and playback of messages in the family message center. A toggle switch allows you to simulate entry/exit delays and alarm conditions. Uses a standard 9V battery (included) or AC adapter and comes in an attractive carrying case.



## TUXSYSTEMHD

### Tuxedo Touch™ Tabletop/Suitcase Demo

Complete working Tuxedo Touch security and home/business control system in a protective and easy-travel suitcase. You can easily demonstrate most security system functions as well as locking and unlocking doors, turning lights on and off, adjusting the temperature on the thermostat, viewing live video, controlling the system through a Wi-Fi enabled smartphone (iPad®, iPhone®, BlackBerry®, etc.), viewing the embedded sales and training videos and the digital picture frame feature. The system includes a functional Tuxedo Touch keypad, Z-Wave® lock, Z-Wave light, Z-Wave thermostat, IP camera and built-in web server.

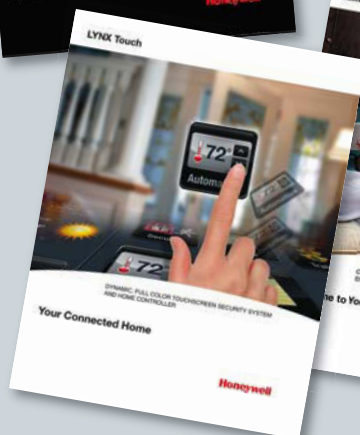


## UKDB

### Universal Keypad Demo Box

This unit makes virtually any keypad a demo with a simple four wire connector. The keypad demo allows you to fault both an exit/entry zone and perimeter zone through the use of toggle switches to simulate the opening and closing of doors, windows or other types of protection devices. There is an on/off switch to provide power to the demo and the unit itself is powered with two user-replaceable 9VDC batteries. Basic keypad operations include: user-code arming and disarming, quick arming, bypassing, forced bypass, etc.

## BROCHURES/FLYERS



<b>L/5816ODEUB/D</b>	Wireless Outdoor Protection End-User Brochure
<b>L/5821TRI/D</b>	Flood and Temperature End-User Brochure
<b>L/ALCMBDVD/D</b>	AlarmNet® Commercial Burglary End-User Brochure
<b>L/ALRMRESB/D</b>	AlarmNet Residential End-User Brochure
<b>L/COMEUBKB/D</b>	Bank on Security Commercial End-User Brochure
<b>L/COMEURR/D</b>	Commercial Security End-User Brochure
<b>L/COMEUV21iPB/D</b>	VISTA®-21iP End-User Brochure
<b>L/CNTRL4EUB/D</b>	Home Automation End-User Brochure
<b>L/EUBROCH/D</b>	Residential End-User Brochure
<b>L/EUTCTRIB/D</b>	Honeywell Total Connect™ End-User Tri-fold Brochure
<b>L/GETMOSTB/D</b>	Getting the Most Out of Your Security System Tri-fold Brochure
<b>L/LYNX5000EUB/D</b>	LYNX Touch End-User Brochure
<b>L/LYNX5100EUB/D</b>	LYNX Touch 5100 End-User Brochure <i>(Available June 2012)</i>
<b>L/LYNXPLSEUB/D</b>	LYNX Plus End-User Brochure
<b>L/TLCTVSB/D</b>	Total Connect Video Services Commercial End-User Brochure
<b>L/TUXEDOUEUB/D</b>	Tuxedo Security Residential End-User Brochure
<b>L/TUXEDOUEUCB/D</b>	Tuxedo Security Commercial End-User Brochure
<b>L/TUXCEEUCB/D</b>	Tuxedo CE Commercial End-User Brochure
<b>L/TUXCEEURB/D</b>	Tuxedo CE Residential End-User Brochure
<b>L/VDSVRESB/D</b>	Total Connect Video Services Residential End-User Brochure
<b>L/VPLEXEUB/D</b>	V-Plex® Commercial End-User Brochure
<b>L/WRLSFL/D</b>	Wireless Keypads End-User Flyer



## SELL SHEETS



<b>L/6149EXF/D</b>	Fixed-English Portrait Keypad End-User Sell Sheet
<b>L/6165EXF/D</b>	Custom Alpha Portrait Keypad End-User Sell Sheet
<b>L/EU4286/D</b>	4286 End-User Sell Sheet
<b>L/EU5800COD/D</b>	5800CO End-User Sell Sheet
<b>L/EU5828V/D</b>	5828V End-User Sell Sheet
<b>L/EU6150/D</b>	6150 End-User Sell Sheet
<b>L/EU6150V/D</b>	6150V End-User Sell Sheet
<b>L/EU6160/D</b>	6160 End-User Sell Sheet
<b>L/EU6160V/D</b>	6160V End-User Sell Sheet
<b>L/EU6460SW/D</b>	Residential 6460 Custom Alpha Keypads End-User Sell Sheet
<b>L/EUC5800PIR/D</b>	Commercial 5800PIR-OD End-User Sell Sheet
<b>L/EUC5870API/D</b>	Commercial 5870API End-User Sell Sheet
<b>L/EUR6280S/D</b>	Commercial 6280 End-User Sell Sheet
<b>L/EUCGSMHS/D</b>	GSMHS High Security GSM Communicator End-User Sell Sheet
<b>L/EUC6460SW/D</b>	Commercial 6460 Custom Alpha Keypads End-User Sell Sheet
<b>L/EUR5800PIR/D</b>	Residential 5800PIR-OD End-User Sell Sheet
<b>L/EUR5834/D</b>	Residential 5834 End-User Sell Sheet
<b>L/EUR5870API/D</b>	Residential 5870API End-User Sell Sheet
<b>L/EUR6160PX/D</b>	6160PX End-User Sell Sheet
<b>L/EUR6280S/D</b>	Residential 6280 End-User Sell Sheet
<b>L/EUWRLSMK/D</b>	Wireless Smoke End-User Sell Sheet
<b>L/EUZBDGS/D</b>	Energy Management End-User Sell Sheet
<b>L/SSWIRTRI/D</b>	CE3 End-User Tri-Fold Sell Sheet

For dealer literature and data sheets please visit: [www.honeywell.com/security](http://www.honeywell.com/security)



## MISCELLANEOUS

### COMMERCIAL



<b>L/BANKVERT/D</b>	Commercial Vertical Marketing/Bank
<b>L/JEWVERT/D</b>	Commercial Vertical Marketing/Jewelry Store
<b>L/MEDVERT/D</b>	Commercial Vertical Marketing/Medical
<b>L/RESTVERT/D</b>	Commercial Vertical Marketing/Restaurant
<b>L/RETVERT/D</b>	Commercial Vertical Marketing/Retail
<b>L/SCHVERT/D</b>	Commercial Vertical Marketing/School
<b>L/WRHVERT/D</b>	Commercial Vertical Marketing/Warehouse

### DIE-CUTS



These die-cuts are true-to-size cut-outs of the keypads. They are valuable sales tools and include end-user features and benefits on the inside.

<b>L/6148MLR/D</b>	6148 Fixed English Display Keypad Die-cut
<b>L/6150MLR/D</b>	6150 Fixed English Display Keypad Die-cut
<b>L/6150VMLR/D</b>	6150V Talking Fixed English Display Keypad Die-cut
<b>L/6160MLR/D</b>	6160 Alpha Display Keypad Die-cut
<b>L/6160VMLR/D</b>	6160V Talking Alpha Display Keypad Die-cut
<b>L/6280DM/D</b>	6280 Residential Die-cut
<b>L/C6460SWDM/D</b>	6460 Commercial Custom Alpha Keypads Die-cut
<b>L/6460SWDM/D</b>	6460 Residential Custom Alpha Keypads Die-cut
<b>L/LYNX5000MD/D</b>	LYNX Touch Security System Die-cut
<b>L/LYNX5100DM/D</b>	LYNX Touch 5100 Security System Die-cut <i>(Available June 2012)</i>
<b>L/LYNXPISM/D</b>	LYNX Plus Security System Die-cut
<b>L/TUXEDODM/D</b>	Tuxedo Touch™ Die-cut

## LITERATURE XPRESS AND PROMO BUILDER



Honeywell's Literature Xpress online service lets you quickly and easily personalize polished, professionally designed marketing materials with your company logos, addresses, telephone numbers and even the names of your salespeople. Choose from a wide range of brochures, sell sheets, posters and targeted collateral designed to help you address the unique needs of restaurants, schools, retailers, banks, warehouses and more. And with Promo Builder, our unique online branding tool, you'll have even more opportunities for creativity and customization. Open your free account today by visiting <http://www.honeywell.com/security/resources/xpress/>

**Promo Builder Spanish Docs Now Available!**

## Connect with Honeywell Security Group

Whether you like us on Facebook, watch a video on our new YouTube channel or comment on our new blog, there are many ways you can find out about the Honeywell news that can impact your business. We'll be sharing a wealth of information that can help you communicate the benefits of Honeywell Security products to your customers.

### Comment on The Security Channel Blog

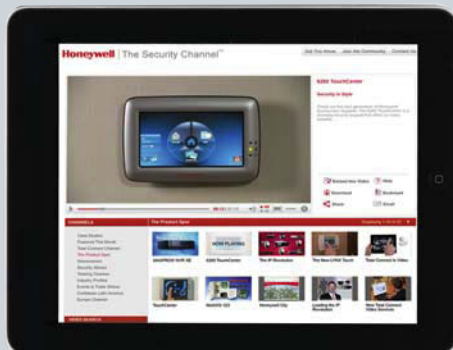
- Honeywell Security Group's official blog
- Find out about Honeywell technologies
- Learn about dealer activities

<http://blogs.honeywellsecurity.com>



### The Security Channel

The Security Channel, our video website, lets you post videos to Facebook, Twitter and more with just one click. It also has been upgraded to a larger screen with sharper image quality. Videos that you download are now optimized for playback on Apple's iPad. You can also easily embed videos to inform consumers about a variety of topics, all at no cost to you!



### Check Out our Other Social Media Sites

#### Like us on Facebook:

- Photos
- News
- Videos

[www.facebook.com/honeywellsecurity](http://www.facebook.com/honeywellsecurity)



#### Subscribe to our YouTube Channel

- Over 50 videos posted
- Subscribe to be notified of new posts

[www.youtube.com/honeywellsecurity](http://www.youtube.com/honeywellsecurity)



#### Follow us on Twitter

[www.twitter.com/@honeywellsec](http://www.twitter.com/@honeywellsec)



## Visit Us At a Show Nearest You!

<b>FEBRUARY</b> <b>ADI Expos</b> <b>2</b> Quebec City, QC Canada <b>16</b> Oklahoma City, OK <b>23</b> Anaheim, CA <b>28</b> Birmingham, AL <b>WORLD GAME PROTECTION CONFERENCE</b> <b>27-29</b> Las Vegas, NV	<b>MARCH</b> <b>ADI Expos</b> <b>1</b> Toronto, ON Canada <b>6</b> St. Louis, MO <b>21</b> Nashville, TN <b>22</b> Ft. Lauderdale, FL <b>IP-IN-ACTION</b> <b>7</b> Costa Mesa, CA <b>EH EXPO</b> <b>15-17</b> Orlando, FL <b>ISC WEST</b> <b>28-31</b> Las Vegas, NV	<b>APRIL</b> <b>ADI Expos</b> <b>3</b> New Orleans, LA <b>10</b> Calgary, AB Canada <b>12</b> Teaneck, NJ <b>12</b> Edmonton, AB Canada <b>18</b> Seattle, WA <b>24</b> Phoenix, AZ <b>26</b> Baltimore, MD <b>SECURITY CANADA EAST</b> <b>25</b> Laval, QC Canada	<b>MAY</b> <b>ADI Expos</b> <b>1</b> Cleveland, OH <b>8</b> Detroit, MI <b>10</b> Chicago, IL <b>17</b> Saskatoon, SK Canada <b>24</b> Memphis, TN <b>GSA EXPO</b> <b>15-17</b> San Antonio, TX <b>SECURITY CANADA ALBERTA</b> <b>24</b> Calgary, AB Canada <b>NE SECURITY EXPO</b> <b>25</b> Marlborough, MA
<b>JUNE</b> <b>ADI Expos</b> <b>5</b> Jacksonville, FL <b>7</b> Richmond, VA <b>15</b> San Juan, PR <b>19</b> Cincinnati, OH <b>19</b> Winnipeg, MB Canada <b>21</b> Albuquerque, NM <b>26</b> Denver, CO <b>IP-IN-ACTION</b> <b>6</b> Cambridge, MA <b>SECURITY CANADA WEST</b> <b>13</b> Richmond, BC Canada <b>ESX</b> <b>27-28</b> Nashville, TN	<b>JULY</b> <b>ADI Expos</b> <b>12</b> Lenexa, KS <b>12</b> Halifax, NS Canada <b>19</b> Raleigh, NC <b>31</b> Tampa, FL	<b>AUGUST</b> <b>ADI Expos</b> <b>9</b> Burbank, CA <b>16</b> Columbia, SC <b>23</b> Houston, TX <b>28</b> Philadelphia, PA <b>30</b> Honolulu, HI	<b>SEPTEMBER</b> <b>ADI Expos</b> <b>11</b> Vancouver, BC Canada <b>27</b> Santa Clara, CA <b>CEDIA</b> <b>5-8</b> Indianapolis, IN <b>ACI-NA – AIRPORT COUNCIL INTERNATIONAL, NORTH AMERICA</b> <b>9-12</b> Calgary, AB Canada <b>ASIS</b> <b>10-12</b> Philadelphia, PA <b>SECURITY CANADA ATLANTIC</b> <b>10-12</b> Moncton, NB Canada <b>IP-IN-ACTION</b> <b>19</b> Queens, NY
<b>OCTOBER</b> <b>ADI Expos</b> <b>2</b> Louisville, KY <b>2</b> Ottawa, ON Canada <b>4</b> Boston, MA <b>9</b> Minneapolis, MN <b>18</b> Reading, PA <b>23</b> Indianapolis, IN <b>25</b> Atlanta, GA <b>GLOBAL GAMING EXPO</b> <b>2-4</b> Las Vegas, NV <b>SECURITY CANADA CENTRAL</b> <b>24-25</b> Toronto, ON Canada <b>ISC SOLUTIONS</b> <b>10/31-11/1</b> New York, NY	<b>NOVEMBER</b> <b>ADI Expos</b> <b>1</b> Las Vegas, NV <b>6</b> Long Island, NY <b>8</b> Miami, FL <b>13</b> Dallas, TX <b>ISC SOLUTIONS</b> <b>10/31-11/1</b> New York, NY <b>IP-IN-ACTION</b> <b>28</b> Tampa, FL	<b>DECEMBER</b> <b>ADI Expos</b> <b>4</b> Montreal, QC Canada	

# Control Panel Glossary

**AAV:** Audio Alarm Verification, also known as two-way voice to the central station. The LYNX Plus has this feature built-in. Other panels can be used with a AVS. The control panel will trigger this module upon kiss off from the central station receiver and microphones and speakers connected to the AVS board will allow a two-way voice dialog between the central station operator and the protected premises.

**Addressable Devices:** Any module that connects to the panel's ECP (keypad) bus requires a specific address which identifies this device to the control. Devices are either addressed via dip switches, software, or have fixed addresses. These devices include keypads, expansion modules, wireless receivers and transmitter modules, telephone modules and some AlarmNet® radio transmitters.

**Alarm Cancel Verification:** In the event of a false alarm, after the user enters their code + OFF, "Cancelled Alarm" is displayed on an alpha keypad confirming the alarm has been cancelled at the central station. "CA" will be displayed on a fixed English keypad.

**Audible Exit Warning:** When the system is armed in the Away or Maximum mode, the keypads will sound a warning of slow beeps and change to fast beeps for the last 5 or 10 seconds.

**AUI:** Advanced-user interface, also known as a touchscreen or graphic keypad.

**Auto Stay:** If the user arms the system in the Away mode but does not exit before the exit delay expires, the system will arm in the Stay mode.

**Cross Zoning:** For use in false alarm prone areas, two zones may be linked together so that an alarm will occur only if both zones trip within a specific time period.

**ECP:** Enhanced Console Protocol, or another term for the keypad bus. See Addressable Devices.

**Event Log:** System events can be stored for later retrieval. Some panels allow retrieval at an alpha keypad or graphic one, others require connection with the Compass downloading software.

**Exit Delay Reset:** After arming Away and exiting, if the user reenters before the expiration of the exit delay, the exit delay is reset.

**Exit Delay Restart:** Also called Quick exit. If the system is armed in the Stay mode, this allows the user to restart the exit and entry delay by pressing the \* key.

**Exit Error Logic/Exit Alarm:** Alerts the user and allows for correction in the event the exit door is left open. Sends a unique report to the central station.

**Expansion:** Using hardwired VPlus RF and/or wireless devices.

**H/W zones built-in:** The number of standard hardwired zones included with the panel.

**Keyfob Zones:** Wireless keys that can be programmed in certain panels without taking away from the number of maximum protection zones in the panel.

**Keypad Macros:** Allows a shortcut to simplify various system commands.

**LRR Output and Dynamic Signaling:** The panel can support AlarmNet radios connected to the ECP (keypad) bus. This allows for extremely simple connections and programming for reporting to the central station. The radios will transmit all messages programmed to go to the primary telephone number. Dynamic Signaling allows you to assign which method of transmission will have priority and how long to wait before transmitting on the other medium. For example, if the dialer has priority and is acknowledged before the programmed delay expires, then the message will not need to be sent using the radio. If for some reason the dialer message is not acknowledged by the end of the delay period, the message will be transmitted via the radio.

**Max zones:** The maximum number of total zones supported by the panel.

**Night-Stay Mode:** Designates certain interior zones to remain active while others are bypassed.

**Panic keys:** Keypad panic zones in addition to standard zones.

**Partitions:** Some control panels have the ability to be programmed for multiple partitions, which allows the single control to protect different areas as if each had its own control.

**Programmable Function Keys:** The A-B-C-D keys on certain panels can be individually programmed to perform any of the following functions:

- Panic zone
- Single button paging
- Display date and time (returns to normal display after 30 seconds)
- Arm away, stay, or night-stay
- Step arming (cycles once from stay, to night-stay, to away)
- Output device activation
- Communication test
- Macro (shortcut)



# Control Panel Glossary

**Programmable Outputs:** Relays, X-10 (Power Line Carrier) devices, V-Plex® or on-board triggers that can be used to activate LED's, strobes, additional sounders, lights, garage doors, etc. Depending on the control panel selected, the outputs can be controlled by system events or by schedules or both.

**Programmable Zone Types:** On some control panels, unique zone types may be added for various custom responses. Configurable options include response to entry/exit delays, response to opens and shorts, sounding, fault and dialer delays, and unique contact id codes.

**Schedules:** Schedules can be used to turn output devices on and off, to limit the access of certain user codes, automatically arm or disarm the system, or other similar functions.

**SIA Complaint:** (Security Industry Association) A unified false alarm reduction standard. SIA-Ready control panels are pre-programmed to meet SIA false-alarm reduction standards, but those options are not fixed.

**Telephone Line Fault Monitor:** The system constantly monitors the phone line for proper voltage. Upon a phone line failure, the panel can be programmed to either display this condition at the keypads, display and sound a trouble at the keypads, or display, sound, and cause an output to activate (strobe light, siren, backup transmission device, etc).

**UVS:** Universal Voice System. Adds two-way voice and/or intercom.

**V-Plex:** aka: the polling loop or multiplexing. It is a method of zone expansion that provides power and data on the same pair of wires. See Expansion.

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**For more information**

[www.honeywell.com/security](http://www.honeywell.com/security)

**Automation and Control Solutions**

Honeywell Security Products Americas

2 Corporate Center Dr. Suite 100

P.O. Box 9040

Melville, NY 11747

1.800.467.5875

[www.honeywell.com](http://www.honeywell.com)

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