








EDITION 10

Innovative Access Control, Intrusion and Video Products

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Security systems for every need...



VIDEO SURVEILLANCE SYSTEMS

The reliability, integrity and dependability of our video systems ensure that you can meet all of your existing and future security challenges with complete confidence. Our solutions range from IP and analogue cameras and domes, and digital and network video recorders, through to intelligent video analytics and sophisticated video management systems. Our cameras provide exceptional image clarity and definition whilst our video systems allow easy migration from analogue to IP-based technology.



ACCESS CONTROL SYSTEMS

As a leading developer of access control solutions, our range of products varies from single door access control and stand-alone web-hosted access control to integrated systems capable of managing thousands of doors and alarm monitoring points globally.



INTRUDER DETECTION SYSTEMS

Honeywell is the pioneer of many developments in this area, our systems are built on the latest technologies and range from basic intruder alarms to fully integrated intrusion and door control installations. Our systems are entirely flexible and whether wired or wireless our hybrid solutions are suitable for every installation.

NOTE:

Honeywell reserves the right, without notification, to make changes in product design or specifications. At the time of publication, some products within this brochure are yet to be launched.

Please contact your Honeywell representative to check availability and functionality before quoting or installing any equipment listed.



VIDEO

IP SOLUTIONS

IP is the technology of the future with tremendous potential for growth and cost savings. The Honeywell IP security surveillance portfolio allows integration of a broad range of technology. This means Honeywell can provide an IP solution to suit all applications.

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Keyboards and Controllers	
Monitors	

**information about
IP Video Security products**
<http://www.honeywellipsolutions.com/me>



Offering unlimited possibilities for every installation, Honeywell's IP cameras provide outstanding image clarity and definition at minimal bandwidth, enabling better and faster decision making for more effective safeguarding of people and property.

Now with the addition of the equip Series S range, Honeywell can deliver a more powerful and versatile solution that allows you to customise your installation to your customer's needs.

IP Solutions

Honeywell's newly expanded range of ONVIF-compliant IP cameras give you increased flexibility and the freedom to choose what's right for your installation.

Designed with open IP standards, including ONVIF Profile S, our IP network cameras offer superb picture quality and seamless integration to our portfolio of MAXPRO NVRs as well as other manufacturers' network devices to ensure full interoperability.



equiP Series S: Key Highlights

Choose the Resolution That's Right for Your Application

- 1080p, 3 megapixel and 5 megapixel models
- Quad stream compression (H.264-1+H.264-2+H.264-3+H.264-4/MJPEG)
- Configurable resolution and frame rate for each selected H.264 stream

Maximize Bandwidth without Losing Image Quality

- Highly efficient H.264 video compression
- 3DNR (Digital Noise Reduction) and proprietary SPQ (Smart Picture Quality) provide significant storage savings without sacrificing image quality in low light
- CMOS progressive scan imager ensures accurate colour rendition through a wide variety of lighting conditions

P-Iris Control Improves Contrast and Clarity

- The P-Iris setting keeps both close and distant objects in the scene in focus simultaneously, even in changing light conditions

Smart IR Ensures Correct Illumination (IR Models Only)

- The IR LED brightness adjusts automatically to provide even illumination of moving subjects

Onboard Video Storage

- Up to 32 GB micro SDHC (Class 10) support. Card not included







Privacy Masking









- Conceal up to 5 areas of a scene from viewing and recording

Time is Money—Installation and Upgrading Made Easy

- Built-in PoE (Power over Ethernet) eliminates separate power supply and associated wiring
- 12V DC or 24V AC inputs where PoE power is unavailable
- Remote configuration, auto focus and motorised zoom adjustments, and firmware updating through Honeywell Viewer web client or from an NVR/DVR
- Password-protected access to the camera's video and network setup

equiP Series S IP Cameras

	PART NUMBER	DESCRIPTION	LENS	RESOLUTION	MINIMUM ILLUMINATION	VIDEO COMPRESSION	ADDITIONAL INFORMATION
IP INDOOR MICRO DOMES							
	H2S1P6X	H.264, Software Day/Night, PAL	4.0 mm, F1.2	720p (1280 x 720)	0.3 lux	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
	H2S2P6X	H.264, Software Day/Night, PAL	4.0 mm, F1.2	1080p (1920 x 1080)	0.4 lux	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
IP INDOOR MINI DOMES							
	H3D2S2X	H.264, True Day/Night DNR	3–9 mm MFZ, F1.2 wide/F2.1 tele	1080p (1920 x 1080)	0.45 lux colour/0.02 lux BW @ 50 IRE, F1.2	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
	H3D2SR2X	H.264, True Day/Night DNR, IR Model	3–9 mm MFZ, F1.2 wide/F2.1 tele	1080p (1920 x 1080)	0.45 lux colour/0.02 lux BW @ 50 IRE, F1.2, 0 lux BW with IR LEDs on	Quad streaming: H.264 (x 3) and H.264/MJPEG	IR Model includes 24 LEDs, Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
	H3D3S2X	H.264, True Day/Night DNR	3–9 mm MFZ, F1.2 wide/F2.1 tele	3MP (2048 x 1536)	0.3 lux colour/0.01 lux BW @ 50 IRE, F1.2	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
	H3D3SR2X	H.264, True Day/Night DNR, IR Model	3–9 mm MFZ, F1.2 wide/F2.1 tele	3MP (2048 x 1536)	0.3 lux colour/0.01 lux BW @ 50 IRE, F1.2, 0 lux BW with IR LEDs on	Quad streaming: H.264 (x 3) and H.264/MJPEG	IR Model includes 24 LEDs, Micro SDHC card (up to 32 GB, not included) and NAS support for video storage

	PART NUMBER	DESCRIPTION	LENS	RESOLUTION	MINIMUM ILLUMINATION	VIDEO COMPRESSION	ADDITIONAL INFORMATION
	H3D5S2X	H.264, True Day/Night DNR	3–9 mm MFZ, F1.2 wide/F2.1 tele (@ 5MP: 5–9 mm)	5MP (2592 x 1944)	0.5 lux colour/0.02 lux BW @ 50 IRE, F1.2	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
	H3D5SR2X	H.264, True Day/Night DNR, IR Model	3–9 mm MFZ, F1.2 wide/F2.1 tele (@ 5MP: 5–9 mm)	5MP (2592 x 1944)	0.5 lux colour/0.02 lux BW @ 50 IRE, F1.2, 0 lux BW with IR LEDs on	Quad streaming: H.264 (x 3) and H.264/MJPEG	IR Model includes 24 LEDs, Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
IP INDOOR/OUTDOOR RUGGED MINI DOMES							
	H4D2S2X	H.264, True Day/Night DNR	3–9 mm MFZ, F1.2 wide/F2.1 tele	1080p (1920 x 1080)	0.45 lux colour/0.02 lux BW @ 50 IRE, F1.2	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage IP66 rated IK10 vandal
	H4D3S2X	H.264, True Day/Night DNR	3–9 mm MFZ, F1.2 wide/F2.1 tele	3MP (2048 x 1536)	0.3 lux colour/0.01 lux BW @ 50 IRE, F1.2	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage IP66 rated IK10 vandal
	H4D5S2X	H.264, True Day/Night DNR	3–9 mm MFZ, F1.2 wide/F2.1 tele (@5MP: 5–9 mm)	5MP (2592 x 1944)	0.5 lux colour/0.02 lux BW @ 50 IRE, F1.2	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage IP66 rated IK10 vandal
IP INDOOR BOX CAMERAS							
	HCW2S2X	Wide Dynamic, H.264 True Day/Night DNR	Lens options sold separately see p22	1080p (1920 x 1080)	Colour: 0.15 lux; 0.3 lux @ 50 IRE, F1.2 (2-shutter WDR) BW: 0.01 lux; 0.02 lux @ 50 IRE, F1.2 (2-shutter WDR)	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
	HCD3S2X	H.264, True Day/Night DNR with removable IR cut filter	Lens options sold separately see p22	3MP (2048 x 1536)	0.3 lux colour/0.01 lux BW @ 50 IRE, F1.2	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage
	HCD5S2X	H.264, True Day/Night DNR with removable IR cut filter	Lens options sold separately see p22	5MP (2592 x 1944)	0.5 lux colour/0.02 lux BW @ 50 IRE, F1.2	Quad streaming: H.264 (x 3) and H.264/MJPEG	Micro SDHC card (up to 32 GB, not included) and NAS support for video storage

equiP Series Cameras: Key Highlights

Choose the Resolution That's Right for Your Application

- 1080p & 720p models
- Dual stream compression (H.264-1+H.264-2/MJPEG)
- Configurable resolution and frame rate for each selected H.264 stream

Maximize Bandwidth Without Losing Image Quality

- Highly efficient H.264 video compression
- CMOS progressive scan imager ensures accurate colour rendition through a wide variety of lighting conditions

Enhanced Features





- Camera tamper detection and video motion detection
- Input and output alarm contacts

- Bi-directional audio communication
- IP66 rating on outdoor models, plus IK10 rating on rugged domes offering vandalism protection
- IR illumination on some outdoor models allows you to see in the dark




Time is Money — Installation and Upgrading Made Easy

- Built-in PoE (Power over Ethernet) eliminates separate power supply and associated wiring
- 12V DC or 24V AC inputs where PoE power is unavailable
- Remote configuration through Honeywell Viewer web client or from an NVR/DVR
- Password-protected access to the camera's video and network setup





equiP Series Cameras

	PART NUMBER	DESCRIPTION	LENS	RESOLUTION	MINIMUM ILLUMINATION	VIDEO COMPRESSION	ADDITIONAL INFORMATION
IP INDOOR MINI DOMES							
	H3D1F1X(a) H3D1F2X(b) H3D1F3X(c)	H.264, True Day/Night, DNR	VFAI Lens (a) 3.3 - 12 mm, f1.6 (b) 2.5 - 6 mm, f1.2 (c) 10 - 28 mm, f1.8	720p (1280 x 720)	0.25 lux colour/0.22 lux BW @ 50 IRE, f1.6 0.11 lux colour /0.09 lux BW @ 30 IRE, f1.6	Dual streaming: H.264 and H.264/MJPEG	Multiple lens options
	H3W1F1X	H.264, True Day/Night, DNR, Wide Dynamic	VFAI Lens (3.3 - 12 mm, f1.6)	720p (1280 x 720)	0.14 lux colour/0.1 lux BW @ 50 IRE, f1.6	Dual streaming: H.264 and H.264/MJPEG	WDR rating: 115 dB
	H3D2F1X	H.264, True Day/Night, DNR	MFZ Lens (3 - 9 mm, f1.2)	1080p (1920 x 1080)	0.18 lux colour/0.15 lux BW @ 50 IRE, f1.2 0.11 lux colour /0.09 lux BW @ 30 IRE, f1.2	Dual streaming: H.264 and H.264/MJPEG	Motorised Zoom and Focus
IP INDOOR/OUTDOOR RUGGED MINI DOMES							
	H4D1F1X(a) H4D1F2X(b) H4D1F3X(c)	H.264, True Day/ Night, DNR	VFAI Lens (a) 3.3 - 12 mm, f1.6 (b) 2.5 - 6 mm, f1.2 (c) 10 - 28 mm, f1.8	720p (1280 x 720)	0.25 lux colour/0.22 lux BW @ 50 IRE, f1.6 0.11 lux colour /0.09 lux BW @ 30 IRE, f1.6	Dual streaming: H.264 and H.264/MJPEG	Multiple lens options IP66 rated IK10 vandal rated
	H4W1F1X	H.264, True Day/Night, DNR, Wide Dynamic	VFAI Lens (3.3 - 12 mm, f1.6)	720p (1280 x 720)	0.14 lux colour/0.1 lux BW @ 50 IRE, f1.6	Dual streaming: H.264 and H.264/MJPEG	WDR rating: 115 dB IP66 rated IK10 vandal rated
	H4D2F1X	H.264, True Day/Night, DNR	MFZ Lens (3 - 9 mm, f1.2)	1080p (1920 x 1080)	0.18 lux colour/0.15 lux BW @ 50 IRE, f1.2 0.11 lux colour /0.09 lux BW @ 30 IRE, f1.2	Dual streaming: H.264 and H.264/MJPEG	Motorised Zoom and Focus IP66 rated IK10 vandal rated
IP INDOOR BOX CAMERAS							
	HCD1FX	H.264, True Day/Night	Lens options sold separately pp 21-22	720p (1280 x 720)	0.6 lux colour/0.4 lux BW @ 50 IRE, f1.3 0.25 lux colour/0.15 lux BW @ 30 IRE, f1.3	Dual streaming: H.264 and H.264/MJPEG	✗
	HCW1FX	H.264, True Day/Night, Wide Dynamic	Lens options sold separately pp 21-22	720p (1280 x 720)	0.1 lux colour/0.07 lux BW @ 50 IRE, f1.2	Dual streaming: H.264 and H.264/MJPEG	WDR rating: 115 dB
	HCD2FX	H.264, True Day/Night	Lens options sold separately pp 21-22	1080p (1920 x 1080)	0.18 lux colour/0.15 lux BW @ 50 IRE, f1.2 0.11 lux colour /0.09 lux BW @ 30 IRE, f1.2	Dual streaming: H.264 and H.264/MJPEG	✗

equiP Series IR Cameras

	PART NUMBER	DESCRIPTION	LENS	RESOLUTION	MINIMUM ILLUMINATION	VIDEO COMPRESSION	ADDITIONAL INFORMATION
IP IR INDOOR/OUTDOOR BULLET CAMERAS							
	HBD2FR1X	H.264, True Day/Night, DNR	MFZ Lens (3 - 9 mm, f1.2)	1080p (1920 x 1080)	0.18 lux colour/0.15 lux BW @ 50 IRE, f1.2 0.11 lux colour/0.09 lux BW @ 30 IRE, f1.2 0 lux with IR LEDs on	Dual streaming: H.264 and H.264/MJPEG	Smart IR. IR range: up to 30m, depending on scene reflectance IP66 rated
	HBD2FR2X	H.264, True Day/Night, DNR	MFZ lens (10 - 23 mm, f1.6)	1080p (1920 x 1080)	0.14 lux colour @ 50 IRE, f1.6 0 lux with IR LEDs on	Dual streaming: H.264 and H.264/MJPEG	Smart IR. IR range: up to 45m, depending on scene reflectance IP66 rated
IP IR INDOOR/OUTDOOR RUGGED MINI DOME							
	H4D1FR1X	H.264, True Day/Night, DNR	VFAI Lens (3.3 - 12 mm, f1.6)	720p (1280 x 720)	0.25 lux colour/0.22 lux BW @ 50 IRE, f1.6 0.11 lux colour/0.09 lux BW @ 30 IRE, f1.6 0 lux with IR LEDs on	Dual streaming: H.264 and H.264/MJPEG	Smart IR. IR range: up to 15m, depending on scene reflectance IP66 rated IK10 vandal

equiP HDZ IP PTZ Series

	PART NUMBER	DESCRIPTION	LENS	RESOLUTION	MINIMUM ILLUMINATION	VIDEO COMPRESSION	ADDITIONAL INFORMATION
INDOOR PTZ (HIGH DEFINITION)							
	HDZ20HDX	H.264, True Day/Night, Wide Dynamic	20 x Optical Zoom (4.7 - 94 mm)	1080p (1920 x 1080)	0.05 lux (colour)/0.01 lux (B/W) @ f1.6, 30 IRE	Dual Streaming: H.264 and H.264/MJPEG	Micro SDHC card (Up to 32GB, not included) and NAS support for video storage
OUTDOOR PTZ (HIGH DEFINITION)							
	HDZ20HDEX	H.264, True Day/Night, Wide Dynamic	20 x Optical Zoom (4.7 - 94 mm)	1080p (1920 x 1080)	0.05 lux (colour)/0.01 lux (B/W) @ f1.6, 30 IRE	Dual Streaming: H.264 and H.264/MJPEG	Micro SDHC card (Up to 32GB, not included) and NAS support for video storage IP66 rated
INDOOR PTZ (STANDARD DEFINITION)							
	HDZ30X	H.264, True Day/Night, Wide Dynamic	30 x optical zoom and 12 x digital zoom	570K Effective Pixels	0.08 lux (Colour), 0.005 lux (B/W) @ F1.6 30 IRE. Max. Aperture Ratio: F1.6 (Wide), F4.5 (Tele)	Quad Streaming: H.264 and MJPEG	Micro SDHC card (Up to 32GB, not included) and NAS support for video storage
OUTDOOR PTZ (STANDARD DEFINITION)							
	HDZ36EX	H.264, True Day/Night, Wide Dynamic	36 x optical zoom and 12 x digital zoom	570K Effective Pixels	0.08 lux (Colour), 0.005 lux (B/W) @ F1.6 30 IRE. Max. Aperture Ratio: F1.6 (Wide), F4.5 (Tele)	Quad Streaming: H.264 and MJPEG	Micro SDHC card (Up to 32GB, not included) and NAS support for video storage IP66 rated

HVE Audio/Video Encoders




VIDEO



ONVIF Profile S compliant Honeywell HVE channel network video encoders are the ideal real-time, high resolution digital encoders for upgrading existing analogue video systems to a networked IP video solution. Using Dual streaming H.264 video compression, the HVE encoder features local storage for continuous and event clip recording and supports MAXPRO NVR and other compliant encoders. By integrating the latest in IP technology with traditional analogue components, Honeywell's solutions offer better control of operational costs whilst maximising existing investments in surveillance equipment.

HVE Encoders

- H. 264 ONVIF Profile S supports MAXPRO NVR and other compliant recorders
- Dual streaming with local storage for continuous and event clip recording
- PoE (1 and 4 Ch units)
- Advanced features, such as Motion Detection and privacy zones
- All support alarm inputs and relay outputs
- Audio inputs and bi-directional audio through browser
- Alarm inputs and relay output
- RS485 PTZ control, multiple protocols
- Feature rich web browser, live view, playback of local recorded video, configuration and user management (supports Internet Explorer, Firefox, Chrome, and Safari)

	PART NUMBER	DESCRIPTION	STREAM TYPE	COMPRESSION	STORAGE	IPS/CIF
	HVE1X	1-Channel, Audio/Video Encoder, PAL	Video/Video + Audio	Dual streaming: H.264/MPEG4/MPEG2/MJPEG	Local storage microSD: 4 GB up to 32 GB, Class 6 and above microSD	4CIF/2CIF/CIF/QCIF
	HVE4X	4-Channel, Audio/Video Encoder, PAL	Video/Video + Audio	Dual streaming: H.264/MPEG4/MPEG2/MJPEG	Local storage microSD: 16 GB up to 32 GB, Class 6 and above microSD	4CIF/2CIF/CIF/QCIF
	HVE8X	8-Channel, Audio/Video Encoder, PAL	Video/Video + Audio	Dual streaming: H.264/MPEG4/MPEG2/MJPEG	Local storage microSD and Hard Drive: Up to 4 TB capacity for each disk	4CIF/2CIF/CIF/QCIF

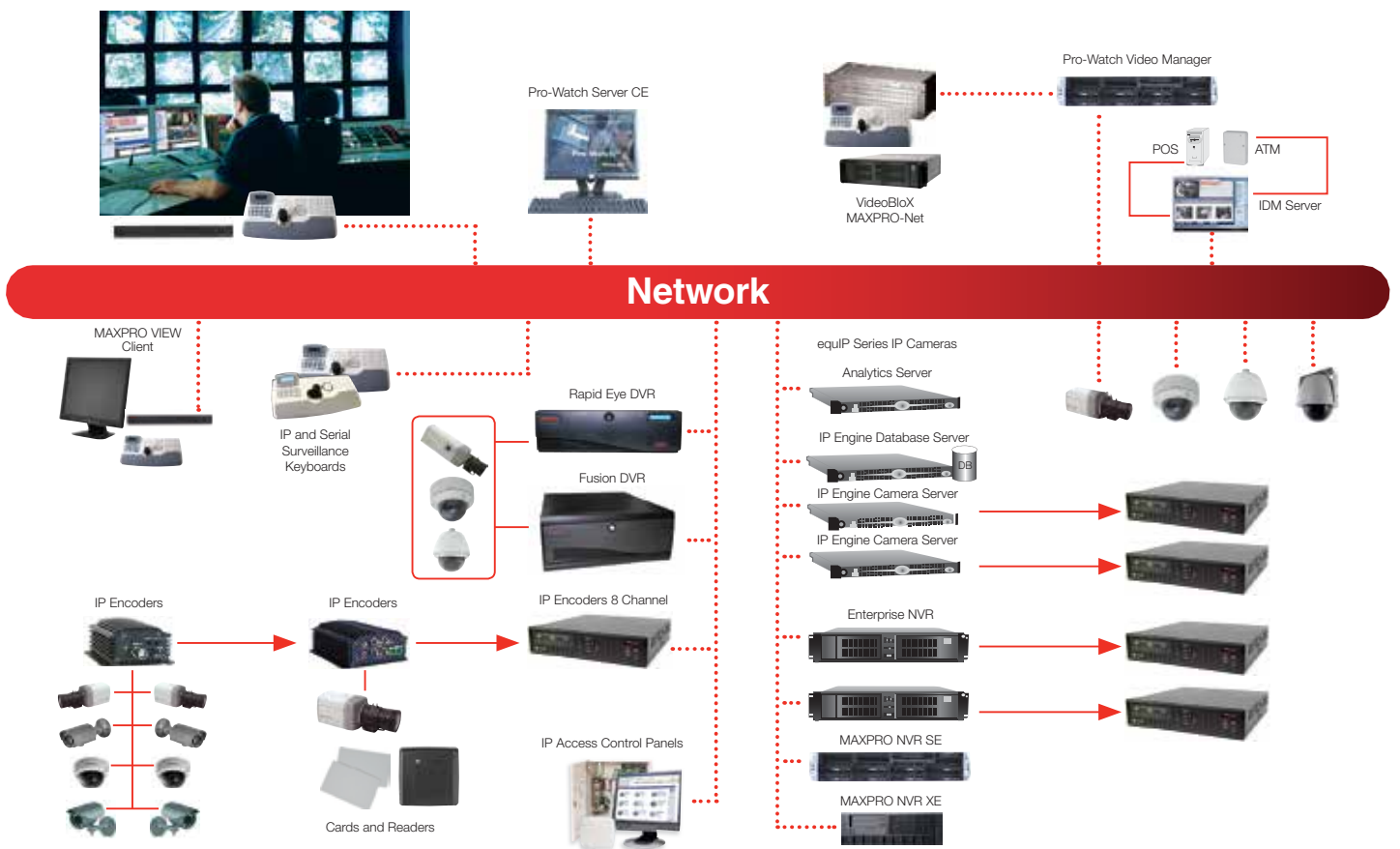
Video Management System



MAXPRO VMS controls multiple sources of video subsystems to enhance the user's video surveillance experience with maximum efficiency and minimum effort.

Using an open architecture and IP-based systems, MAXPRO VMS leverages an existing video infrastructure to collect, manage and present video in a clear and concise manner.

MAXPRO VMS System Diagram



Note: MAXPRO VMS is available only to approved, trained installers.

VIDEO

Video Management System



MAXPRO VMS – Single Command and Control Interface

Integrated Video and Security Management System MAXPRO VMS and Pro-Watch®

The integration of MAXPRO VMS and Pro-Watch affords superior access control with alarm monitoring and video capabilities.

Next Generation Vision MAXPRO VIEW Client Software

MAXPRO VIEW is the feature-rich next generation viewer that works with MAXPRO VMS to help operators intuitively perform video operations, thereby increasing personal productivity and responsiveness.

World Class, Scalable NVR

MAXPRO VMS is scalable for the future as the needs of your customers grow. Enterprise NVR technology is used in some of the world's largest digital video surveillance systems.

IP Network Solutions

For a total video management experience, Honeywell's MAXPRO VMS and IP-ready products such as PTZs, minidomes and box cameras integrate with third party DVRs and NVRs – facilitating the migration to IP.

Unified Command & Control UltraKey IP Controllers

MAXPRO VMS gives users a unified end-to-end solution to interface devices ranging from NVRs and DVRs to PTZ controllers, matrix switchers and joystick controllers.

Smarter Video, Smarter Decisions with Active Alert® Video Analytics

MAXPRO VMS integrates with our intelligent video analytics suite, Active Alert. The analytics engine uses advanced search tools for manned and unmanned video surveillance systems that removes the strain of surveillance and the burden of data overload from operators.



Hybrid DVRs and IP Recording



Ideal for small to medium-sized businesses, Honeywell's family of network-based boxed NVRs include a Standard Edition (SE), Xpress Edition (XE) and a new Hybrid solution to facilitate the transition from Analogue to IP Video. To simplify installation, the solutions come with pre-installed software and camera licences for quick set-up and system scalability.

As a system grows, multiple NVR units can be combined into a full MAXPRO VMS system to support the deployment of a large-scale system.

Key Benefits

Choose the Resolution That's Right for Your Application

- Records Video and Audio together for improved security surveillance

Web client support

- Supports Windows® and Mac® which means no additional client installation is required. This offers reduced setup and maintenance costs, whilst providing improved compatibility
- Offers Video accessibility for end users with IT policies and restrictions

Release of MaxNVR SDK




- Facilitates NVR integration into 3rd party VMS systems

Support for Equip Series S ONVIF cameras, Standard Definition HDZ IP PTZ Series and Honeywell Video Encoder Series

Expansion of the MAXPRO NVR range with the MAXPRO Hybrid models

- Provides customers with an easy and cost effective transition from Analogue to IP Video and network setup

MAXPRO NVR

	PART NUMBER	DESCRIPTION	IP STREAMS	COMPRESSION	STORAGE	IPS/CIF	DVD-RW	USB PORTS	INTERFACE	SYSTEMS	MAXPRO APP
	MAXPRO NVR SE	Boxed NVR	Up to 32 IP Streams	MPEG-4, H.264 Compression (IP Camera dependent)	Up to 24TB Internal Storage	960 fps @ 4CIF/VGA or 960 fps @ 720p HD or 640 fps @ 1080p HD	✓	6	User interface mimics MAXPRO VMS	Migration to larger MAXPRO VMS	✓
	MAXPRO NVR XE	Boxed NVR	Up to 16 IP Streams	MPEG-4, H.264 Compression (IP Camera dependent)	1,2,3TB Internal Storage	480fps @ 720p or 400fps @ 1080p	✓	6	User interface mimics MAXPRO VMS	Migration to larger MAXPRO VMS	✓
	MAXPRO NVR Software Only	Flexible, scalable and open IP video surveillance system	Up to 32 IP Streams	All required software applications and a licence for 4, 8, 16 or 32 channels	✗	960 fps @ 4CIF/VGA or 960 fps @ 720p HD or 640 fps @ 1080p HD	✗	✗	End user's IT department chooses appropriate hardware platform	Supports third party device integrations (PSIA and ONVIF)	✓

Hybrid DVRs and IP Recording



VIDEO



The Fusion IV DVR Series bridges the gap between DVRs and NVRs. It is a full-featured hybrid digital recording system that can search and transmit up to 32 channels of analogue video sources and up to 16 channels of audio.

The Fusion IV NVR Series is ideal for IP video systems requiring a scalable recording and video management platform for an end-to-end digital video surveillance system.

Fusion RevB

	PART NUMBER	DESCRIPTION	RECORDING	IPS	DVD-RW	STORAGE	ANALYTICS	SOFTWARE
	Fusion IV DVR	IP hybrid capability up to 32 inputs	Analogue recording up to 32 channels	100, 200, 400 IPS (PAL)	✓	Internal storage: 1TB to 18 TB External storage: 4 TB to 24 TB	Embedded Data Analytics (POS)	HFVMS Remote management software and mobile Apps included
	Fusion IV NVR	IP recording up to 32 channels	IP recording up to 32 channels	200, 400, 800 IPS (PAL)	✓	Internal storage: 1 TB to 12 TB External storage: 4 TB to 24 TB	Embedded Data Analytics (POS)	HFVMS Remote management software and mobile Apps included

Rapid Eye Hybrid HD



Rapid Eye Hybrid HD DVR is designed for effective remote access, even over limited bandwidth. The fast and responsive network connection allows instant access to critical information as you need it. Rapid Eye can record, search and transmit video, audio and data transactions while simultaneously providing users with both live monitoring and post-event playback operation.

DESCRIPTION	RECORDING	OPERATING	STORAGE	SOFTWARE
Hybrid high definition DVR system	IP camera maximum recording and viewing resolution 1280x720 (HD) Event-driven response recording	Stable Linux-based operating system	1TB standard storage & field expandable up to 4TB	Admin & View Remote management software and mobile Apps included

Intelligent Video Analytics



Honeywell's video analytics suite of products enables enhanced security and surveillance solutions by automatically monitoring video for specific people, vehicles, objects, and their associated behaviour within a camera view.

Active Alert® from Honeywell is classified by i-LIDS® as a Primary Detection System and Event Based Recording System for sterile zone monitoring applications.

- Smart video motion detection accurately identifies real movement and ignores environmental factors such as rain, snow and changes in lighting
- Compared to traditional pixel-based motion detection, detection rates increase and false alarm rates are drastically reduced
- Delivers analytics alarms to MAXPRO VMS where they can be reviewed and trigger advanced alarm handling using the rule engine



Applications

Perimeter Protection

Camera 18: Person on fence line



Restricted Area

Camera 2: Train Entered restricted zone 1



Loitering

Camera 12: Person Loitering in restricted zone 2



Customer Behaviour

Camera 9: Staying in target zone 2



People Counting



Imagery Library for Intelligent Detection Systems

Sterile Zone Monitoring

2009/10 Evaluations

Honeywell

Honeywell Video Analytics - Active Alert

Version 4.7.0.8

VIDEO





DVRs - Embedded



Feature-rich units that provide impressive storage capacity, supreme picture quality and superior search capabilities.

Suitable for all types of security applications, these embedded DVRs can be accessed over a digital network to offer customers the flexibility they need.

DVRs - Embedded

	PART NUMBER	DESCRIPTION	COMPRESSION	CHANNEL	IPS PAL	STORAGE	REMOTE SOFTWARE	USB PORTS	PTZ DOME CONTROL	BUILT-IN DVD-RW
	HRG Performance Series	Suited to support applications that rely on capturing maximum detail of activity	H.264	4, 8 or 16	Up to 480@ D1	Up to 4 TB	Web Browser Mobile Apps	2	✓	✗
	HREP2	Supporting an advanced feature set with high performance and low pricing	H.264	8 or 16 (4 coming soon)	Up to 400 @960H	Up to 4 TB	Web Browser Mobile Apps	3	✓	✓
	HRXD9-D HRXDS16-D	POS, ATM interface supports text insertion. Disk mirroring and video archiving	Proprietary XtraStor	9 or 16	Up to 200@ CIF	Up to 2 TB	✓	3	✓	✓
	HRDP4/8/ 16-D RevB	Integrates with HFVMS, MaxproVMS, WIN-PAK and 3rd party CS software. Offers a feature set comparable to many high-end embedded DVRs but at a much lower price!	H.264	4, 8 or 16	Up to 400@ CIF	Up to 4 TB	Web Browser HFVMS HFRVS Mobile Apps	2	✓	✓

Analogue Cameras



Honeywell's leading-edge pan/tilt/zoom camera system offers world-class performance and seamless system integration.

The lineup includes multiple housing configurations and camera systems so you can choose the PTZ that's best for your application.

PTZ Cameras ACUIX

ACUIX, the ideal PTZ choice for customers with the most demanding security needs. Offering a feature-rich PTZ loaded with the latest value-added technology for 24/7 active surveillance operations.

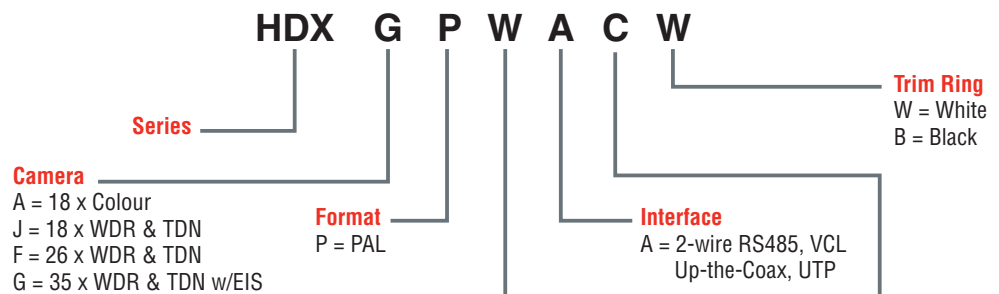
PRODUCT RANGE

	In-Ceiling		Outdoor Pendant
	Indoor Pendant		Rugged Housing

ACUIX References

ORDERING

HOW TO ORDER




Example:
 HDXGPWACW = 35X WDR & TDN w/EIS/PAL/Outdoor
 Pendant/Analogue/ Clear/White



Housing
 P = White Indoor Pendant
 B = Black Indoor Pendant
 W = Outdoor Pendant
 R = Rugged
 D = In-ceiling

Dome
 S = Smoke
 C = Clear

Performance Series Analogue PTZ Camera




	PART NUMBER	DESCRIPTION	LENS	RESOLUTION	LOCATION	ADDITIONAL INFO
INDOOR PTZ						
	HDTX	Standard resolution, True Day/Night DNR, PTZ	10X Optical Zoom (3.8-38 mm f1.8)	470 TVL (colour) 540 TVL (B/W)	In-Ceiling, Ceiling, Surface, Wall Mount	0.7 Lux (Colour) / 0.02 Lux (B/W), 50 IRE Indoor Wall Mount Bracket: HDTW Indoor Ceiling Mount Bracket: HDTC

Performance Series Cameras

	PART NUMBER	DAY/NIGHT	IR LEDS	LENS	TVL	VOLTAGE	WALL BRACKETS
VANDAL RESISTANT BALL CAMERAS (IP66)							
	HD30X	✓	✓	3.8 mm	420	12V DC	✗
	HD31X	✓	✓	3-12 mm VFAI	620	12V DC	✗
VANDAL RESISTANT MINI DOMES (IP66)							
	HD50PX	✗	✗	3.8 mm	600	12V DC	✗
	HD251X	✓	✗	3-12 mm VFAI	620	12V DC and 24V AC	Wall Mount Bracket: HDPR-WK1
	HD70PX	✓	✓	3.8 mm	600	12V DC	Wall Mount Bracket: HDPR-WK Pendant Mount Bracket: HDPR-PK
	HD273X	✓	✗	3.8-9.5 mm VFAI	600	12V DC and 24V AC	Wall Mount Bracket: HDPR-WK Pendant Mount Bracket: HDPR-PK
VANDAL RESISTANT IR INDOOR/OUTDOOR BULLET CAMERAS (IP66)							
	HB74X	✓	✓	3.8 mm	420	12V DC	✗
	HB75X	✓	✓	3.8-9.5 mm VFAI	600	12V DC	✗
	HB273X	✓	✓	9-22 mm VFAI	620	12V DC and 24V AC	✗

Performance Series Cameras

Performance Series Cameras

	PART NUMBER	DAY/NIGHT	LENS	TVL	VOLTAGE	WALL BRACKETS	POWER SUPPLIES
INDOOR MINI DOMES							
	HD40PX	✗	3.8 mm	420	12V DC	✗	Performance Series: PSUPER12VDC
	HD41PX	✗	2.8 to 12 mm VFAI	620	12V DC	Wall Mount Bracket: HDPR-WK2	Performance Series: PSUPER12VDC
	HD262X	✓	2.8 to 12 mm VFAI	620	12V DC and 24V AC	Wall Mount Bracket: HDPR-WK2	Performance Series: PSUPER12VDC

Systems Series Analogue Cameras

	PART NUMBER	TRUE DAY/ NIGHT	LENS	TVL	VOLTAGE	WALL BRACKETS	POWER SUPPLIES
INDOOR MINI DOMES							
	HD3HRSX	✗	2.8 to 12 mm VFAI	600	12V DC and 24V AC	HD3 Series: HD3-MK1	HD3 Series: CT5002, HPTV2402D-UK (-EU)
	HD3DSX	✓	2.8 to 12 mm VFAI	600	12V DC and 24V AC	HD3 Series: HD3-MK2	HD3 Series: CT5002, HPTV2402D-UK (-EU)
	HD3USX	✓	2.8 to 12 mm VFAI	690 WDR	12V DC and 24V AC	HD3 Series: HD3-MK3	HD3 Series: CT5002, HPTV2402D-UK (-EU)
	PART NUMBER	DAY/NIGHT	LENS	TVL	VOLTAGE	WALL BRACKETS	POWER SUPPLIES
VANDAL RESISTANT MINI DOMES (IP66 WITH HEATER)							
	HD4DAFSX	✓	2.9-8.5 mm MZF	600	12V DC and 24V AC	HD4CH-WK Wall mount kit HD4CH-PK Pendant mount kit	HPTV1202D - indoor rated
	HD4D3SX	✓	3.3-12 mm VFAI	600	12V DC and 24V AC	HD4CH-WK Wall mount kit HD4CH-PK Pendant mount kit	HPTV1202D - indoor rated

Performance Series Cameras








	PART NUMBER	DAY/NIGHT	IR LEDS	LENS	TVL	VOLTAGE	WALL BRACKETS	POWER SUPPLIES
VANDAL RESISTANT MINI DOMES (IP66 WITH HEATER)								
	HD4DIRSX	✓	✓	3.3-12 mm VFAI	600	12V DC and 24V AC	HD4CH-WK Wall mount kit HD4CH-PK Pendant mount kit	HPTV1202D - indoor rated
	HD4USX	✓	✗	3.3-12 mm VFAI	690 WDR	12V DC and 24V AC	HD4CH-WK Wall mount kit HD4CH-PK Pendant mount kit	HPTV1202D - indoor rated
	PART NUMBER	TRUE DAY/NIGHT	IR LEDS	LENS	TVL	VOLTAGE		
BULLET CAMERAS (IP66 WITH HEATER)								
	HBD92SX	✓	✓	2.8-12 mm VFAI	600	12V DC and 24V AC		
	HBD95SX	✓	✓	5-50 mm VFAI	600	12V DC and 24V AC		
	PART NUMBER	SIZE	TRUE DAY/NIGHT	TVL	VOLTAGE	LENS	POWER SUPPLIES	
BOX CAMERAS								
	HSU484X	1/3"	✗	540 WDR	12V DC/24V AC	C/CS mount (sold seperately)	PSUPER12VDC or HPTV1202D - indoor rated	
	HCC10X	1/3"	✓	600	12V DC/24V AC	C/CS mount (sold seperately)	PSUPER12VDC or HPTV1202D - indoor rated	
	HCC210X	1/3"	✓	650	12V DC/24V AC	C/CS mount (sold seperately)	PSUPER12VDC or HPTV1202D - indoor rated	
	PART NUMBER	DESCRIPTION	IP RATING	HEATER & FAN	VOLTAGE	WALL BRACKETS		
CAMERA HOUSINGS								
	AVH SERIES	Water proof camera housing	IP66 Rating	Optional	12V DC/24V AC & 110-240V options	Simple or cable managed options		





Honeywell offers world-class lenses for both indoor and outdoor performance. These provide customers with the ability to see high contrast, clear and detailed pictures of subjects in daylight, low light and near infrared light.

They are designed with sophisticated optics for superior light gathering and the ability to work seamlessly with our cameras.

Lenses




	PART NUMBER	DAY/NIGHT	SENSOR SIZE	FOCAL LENGTH (MM)	APERTURE	IRIS	IR CORRECTED
	HLM28V8F95	✗	1/3"	2.8 - 8.0	F0.95	Manual	✗
	HLD28V8F95L	✗	1/3"	2.8 - 8.0	F0.95	Auto	✗
	HLM5V50F13	✗	1/3"	5 - 50	F1.3	Manual	✗
	HLD5V50F13L	✗	1/3"	5 - 50	F1.3	Auto	✗
	HLD27V13DNL	✓	1/3"	2.7 - 13.5	F1.3	Auto	✓
	HLD29V8DNL	✓	1/3"	2.9 - 8	F0.95	Auto	✓
	HLD5V50DNL	✓	1/3"	5 - 50	F1.6	Auto	✓

Lenses

	PART NUMBER	DAY/NIGHT	SENSOR SIZE	FOCAL LENGTH (MM)	APERTURE	IRIS	IR CORRECTED
	HLD3V8MPD	✓	3MP 1/3"	3 - 8	F1.2	Auto	✓
	HLM45V13MPD	✓	5MP 1/1.8"	4.5 - 13.2	F1.8	Manual	✓



Keyboards and Controllers

Keyboards are a critical component of the matrix switching system, enabling better control, ease-of-use, and access to all the functionality of the matrix switch systems. CCTV peripheral control is managed by intelligent keyboard controllers that interface directly to PTZ domes, DVRs or multiplexers.

	PART NUMBER	DESCRIPTION	SCREEN	KEYBOARD	PROGRAMMABLE	WEB	COMPATIBLE	JOYSTICK
	HJK7000	UltraKey Plus	Programmable colour touch screen display	Multiple connectivity options (RS232/422/485 and TCP/IP)	'Touch Wheel' for DVR/NVR control thru MaxproVMS and/or VideoBloX systems	Web browser for easy upgrading and configuring	MAXPRO VMS	3-axis joystick controller; 1 x RS232, 1 x RS-422 1 x TCP/IP
	HJC5000	UltraKey Lite®	Standard mono-colour display	Multiple connectivity options (RS232/422/485 and TCP/IP)	'Touch Wheel' for DVR/NVR control thru MaxproVMS and/or VideoBloX systems	Web browser for easy upgrading and configuring	MAXPRO VMS	3-axis joystick controller; 1 x RS232, 1 x RS-422 1 x TCP/IP
	HJC4000	UltraKey Touch	Standard mono-colour display	Multiple connectivity options (RS232/422/485 and TCP/IP)	Direct control of Honeywell DVRs using TCP/IP and RS232/485 serial connection. Direct control of Honeywell HDX, HD6 and Orbiter PTZ domes using Diamond, VCL and Intellibus, Pelco P & D	Web browser for easy upgrading and configuring	Honeywell HRDP, HRXD, HRSD and Fusion IV DVR & NVR units (depending on connection type used)	3-axis joystick controller; 1 x RS232, 1 x RS-422 1 x TCP/IP

Monitors

The L-Series monitors feature high grade LCD panels with high brightness, high contrast and fast response times that are designed specifically for the video security and surveillance industry.

	PART NUMBER	SIZE	RESOLUTION	BRIGHTNESS	RATIO	RESPONSE TIME	SPEAKERS
	HMLCD17LX	17" Colour LCD Monitor	420 High resolution: SXGA 1280 x 1024	High brightness, 300 cd/m ²	High contrast ratio, 500:1	Fast response time, <5 ms	2 built-in speakers
	HMLCD19LX	19" Colour LCD Monitor	High resolution: SXGA 1280 x 1024	High brightness, 300 cd/m ²	High contrast ratio, 500:1	Fast response time, <5 ms	2 built-in speakers

ACCESS

ACCESS CONTROL

As a leading developer of access control solutions, our range of products varies from single door access control and stand-alone web-hosted access control to integrated systems capable of managing thousands of doors and alarm monitoring points globally.

Stand-alone, Web-hosted Access Control	24
NetAXS-123	
NetAXS-4	
Integrated Access Control, Video & Intrusion	25-26
WIN-PAK Software Suite	
Integrated Access Control, Video and Intrusion	
Managed Access Control	27
WIN-PAK PRO Central Station	
Proximity Readers	28-29
OmniProx™ Proximity Readers	
HID® Prox Compatible Cards	
Smart Card Readers & Smart Credentials	30-33
OmniClass™ 2.0 Smart Card Readers	
OmniClass 2.0 Compatible Smart Credentials	
Mifare Classic and Mifare DESFire EV1 credentials for OmniClass 2.0	
OmniClass Multi Technology Credentials	
OmniAssure™ Mifare Classic Readers	
OmniAssure Mifare Classic Credentials	
Multi Technology Readers	34-35
OmniAssure Multi Technology Readers	
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Visitor Management	36-37

information about
Access Control products

<http://www.easyaccesscontrol.com/me>

Stand-alone, Web-hosted Access Control

ACCESS



NetAXS™ is a fully featured, compact stand-alone access control solution that can be easily installed and managed via a web browser without the need to be connected to a network or the internet.

The NetAXS-123 is applicable in small access solutions for 1, 2 or 3 doors or in medium solutions connecting multiple panels via RS485 or even TCP/IP Ethernet. The NetAXS family also includes a 4 door controller version which seamlessly integrates with Honeywell's WIN-PAK software to enable more sophisticated installations.

Access control has never been this easy.

NetAXS-123

NetAXS-4



PART NUMBER	NUMBER OF DOORS	NUMBER OF READERS	ENCLOSURE	POWER SUPPLY / BATTERY	DIMENSIONS
NX1P	1	2 readers (in/out) using readers with hold wires	Plastic	External 12V / 3A PSU or Power over Ethernet	19.5 x 19.5 x 5.8 cm
NX2P	2	4 readers (in/out) using readers with hold wires		External 12V / 3A PSU	
NX1MPS	1	2 readers (in/out) using readers with hold wires	Metal	Internal 12V / 4A PSU with 12V / 7AH battery for controller and locks	35.6 x 30.5 x 12.7 cm
NX2MPS	2	4 readers (in/out) using readers with hold wires			
NX3MPS	3	6 readers (in/out) using readers with hold wires			
NXD1	Expansion from 1 to 2	2 additional readers (in/out) using readers with hold wires	✕	Requires external power when used in plastic enclosure	Mountable in plastic and metal housing
NXD2	Expansion from 1 to 3	4 additional readers (in/out) using readers with hold wires		Uses internal power from metal enclosure	Mountable in metal housing only
NX4S1E	4	4 readers	Metal	Internal transformer with 12V / 7AH battery for controller	45.7 x 36.8 x 11.2 cm

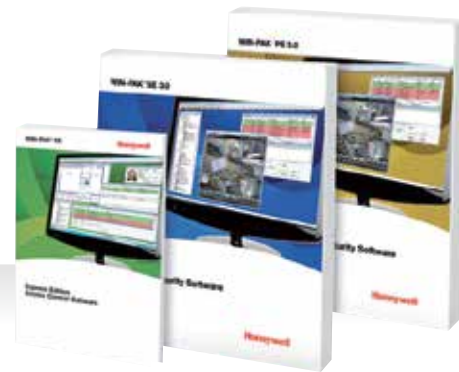
Integrated Access Control, Video and Intrusion



The WIN-PAK range comprises three editions to meet all security needs. Designed to evolve to meet changing business needs, WIN-PAK XE provides a cost-effective access control only solution ideal for single work station systems. WIN-PAK XE can be easily expanded into a more comprehensive integrated Honeywell security solution with WIN-PAK SE 4.0 (Standard Edition) or WIN-PAK PE 4.0 (Professional Edition). Integrators also benefit from a single software solution for all of their customers' security needs.

WIN-PAK Software Suite

The WIN-PAK XE, SE and PE 4.0 is compatible with Windows 2, 2012 server and is qualified for VMWare.



Express Edition (XE)

Access Control Software

- Entry level software package
- Functionality through a single work station
- Easily expandable to other editions

Professional Edition (PE)

Access Control Software combining access control, advanced video and intrusion functions into one integrated solution

- Unrestricted number of users
- Galaxy intrusion support
- Advanced video support
- Up to 50 accounts for a multi-tenant application

Standard Edition (SE)

Access Control Software ideal for small to medium integrated security applications

- Software for one user and basic video
- Software for five users and advanced video
- Optional Galaxy intrusion module support

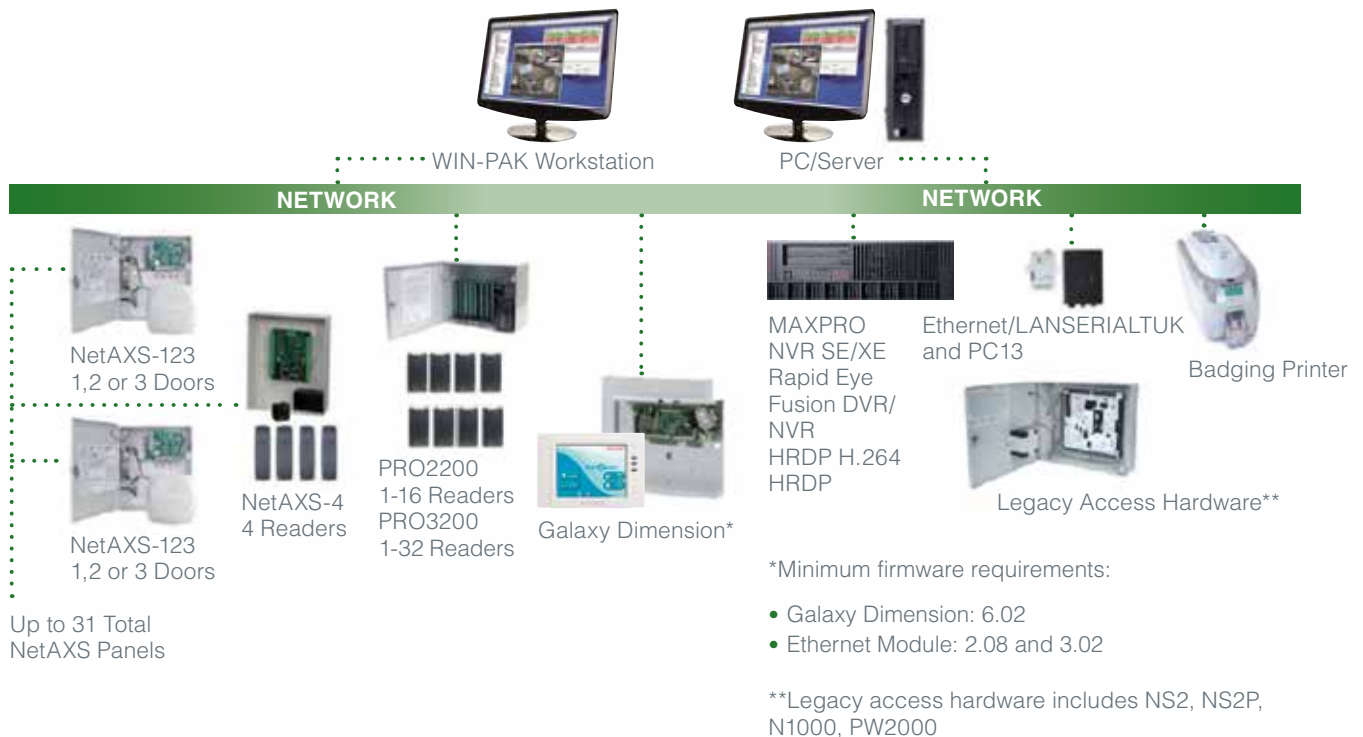
PE API (Application Programming Interface)

Access Control based integration interface

- Compatible with third party, multi brand platforms
- Compatibility with Human Resources and other administrative systems
- Compatible from WIN-PAK SE 3.0 and PE 3.0, build 670.16 onwards
- Control and monitor access control hardware and devices from host platform

Integrated Access Control, Video and Intrusion

WIN-PAK SE/PE Release 4 with Galaxy integration brings together Honeywell's WIN-PAK access control system and the leading Honeywell Digital and Network Video Recorders using the enhanced Trinity video platform. The ability to integrate these technologies from one manufacturer now makes it easier for major enhancements to be made to existing systems or to significantly improve the operation of new security systems.



Access Control Features

- Fully featured access control system, unrestricted licence to control up to 30,000 doors
- Complement WIN-PAK with PRO3200, PRO2200, NetAXS-4 and NetAXS-123 access control hardware

Key Integration Benefits

- Save time and money by managing three separate systems with one easy-to-use software interface
- Reduce employee down-time by only requiring training on one system
- Expand to meet current and future needs. Start with access and add video or intrusion later as requirements change
- Support of MAXPRO NVR XE/SE and Fusion NVR in addition to RapidEye DVR, Fusion DVR and HRDP 'Performance Series' DVRs
- WIN-PAK SE/PE software interface allows users to retrieve and play back video associated with intrusion and access control alarms
- Advanced video option provides automated PTZ control of up to 4 (PTZ) cameras upon incoming alarms
- Automated reporting allows users to send up-to-date reports on intrusion and access events hourly, daily, weekly or monthly
- Align WIN-PAK SE/PE with Galaxy integration and with existing system needs for an added level of security
- Increase security by using a unique card to disarm a Galaxy intrusion system and grant access at the door

Managed Access Control



WIN-PAK PRO Central Station remotely managed access control provides a cost effective, easy-to-manage security solution for businesses and recurring revenue stream opportunities for security installers.

The system allows end users to use their access control worry free whilst the security installer spends more effective time on maintenance and support.



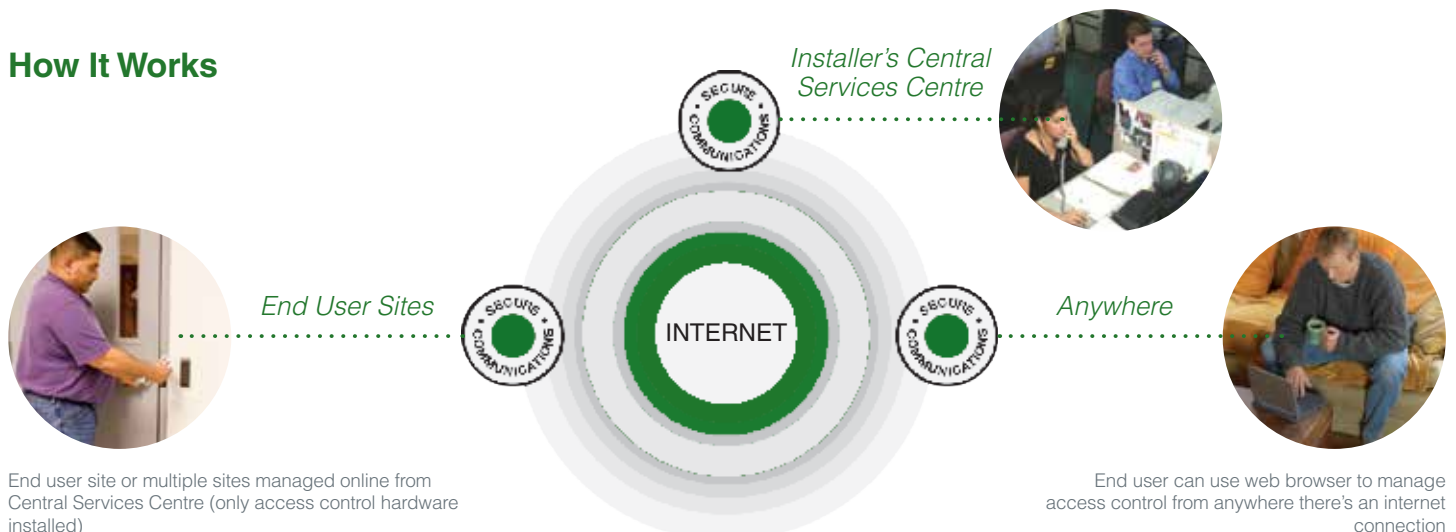
Key Benefits

- Provide cloud applications for your access control customers
- Reduce bid costs, win more business
- Reduce installation training and service costs
- Provide value-added services that keep customers longer
- Help prevent competition from targeting your customers
- End users can manage their own system via a web browser

WIN-PAK PRO Central Station

Managed Access Control Software for multiple end user installations including Web Browser functionality for end user's Monitoring, Control, Management and Reporting.

How It Works



Proximity Readers

ACCESS








OmniProx is a range of 125 kHz HID compatible proximity readers. All OmniProx readers (except the OP90) include three bezels: black, charcoal grey and ivory and are suitable for both indoor and outdoor applications.

For locations that require a proximity reader able to withstand vandal-prone environments, the OP90 vandal resistant readers come standard in a zinc die-cast metal housing.

OmniProx Proximity Readers





All readers have Wiegand output for use with Honeywell access panels and intrusion Door Control Modules.

	PART NUMBER	FORM FACTOR	MAX READ RANGE*	COLOUR	CONNECTION	COMPATIBLE CREDENTIALS	TAMPER
	OP10HONR	Mini Mount reader	7.6 cm	Black, grey and ivory coloured bezels with embossed Honeywell logo	Pigtail	125kHz HID Prox compatible technology	Optical
	OP10GENR			No logo			
	OP30HONR	Mullion mount reader	8.9 cm	Black, grey and ivory coloured bezels with embossed Honeywell logo			
	OP30GENR			No logo			
	OP40HONR	US single-gang back box compatible reader	10.2 cm	Black, grey and ivory coloured bezels with embossed Honeywell logo			
	OP40GENR			No logo			
	OP45HONR	UK / European single-gang back box compatible reader	8.9 cm	Black, grey and ivory coloured bezels with embossed Honeywell logo			
	OP45GENR			No logo			
	OP90HONR	Vandal resistant wall mount reader	5.1 cm	Zinc- diecast metal with embossed Honeywell logo			

* Maximum read range is affected by environmental conditions, surface the reader is mounted on and credential form factor

Proximity Readers

HID Prox Compatible Cards

	PART NUMBER	FORM FACTOR	SUITABLE FOR PRINTING	COLOUR	MEMORY SIZE	PROGRAMMED NUMBER	NUMBER OF BITS IN CARD FORMAT	CARD NUMBERS VISIBLE	COMPATIBLE READERS			
	PVCH4	PVC Credit card size card	✓	White	HID Prox technology, no memory available	According to your requirements on site code and card number range	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniProx readers OmniClass 2.0 Multi Technology readers OmniAssure Multi Technology readers			
	PVCH4-26						26 bit					
	PVCH5	PVC Credit card size Card with unprogrammed magnetic stripe					✗			Grey and Black	34 bit	26 bit
	PVCH5-26											
	PX4H	Clamshell card with slot punch					✗			Grey and Black	34 bit	26 bit
	PX26H											
	PXKEY3H	Key fob		✗			Grey and Black			34 bit	26 bit	
	PXKEY3H26											26 bit

Smart Card Readers






ACCESS



OmniClass 2.0 from Honeywell is a range of 13.56 MHz contactless secure smart card readers that offers superb reliability, consistent read range and ease of installation.

They are available in several sizes and each OmniClass reader incorporates smart card technology allowing the user to support biometric profiles and multiple applications on each card simultaneously.





OmniClass 2.0 Smart Card Readers

	PART NUMBER	FORM FACTOR	MAX READ RANGE*	COLOUR	CONNECTION	COMPATIBLE CREDENTIALS	TAMPER	HOLD WIRE
	OM15BHOND	Long mullion mount reader	7.6 cm	Black	Pigtail	13.56 MHz OmniClass, iCLASS, iClass SE, iClass SR, SEOS, SE for Mifare and SE for DESFire EV1	Optical	Available suitable for IN / OUT reader in NetAXS-123
	OM15BHONDT				Terminal block			
	OM30BHOND	Mullion mount reader	7.6 cm		Pigtail			
	OM30BHONDT				Terminal block			
	OM40BHOND	US single-gang back box compatible reader	11.4 cm		Pigtail			
	OM40BHONDT				Terminal block			
	OM45BHOND	UK / European single-gang back box compatible reader	8.9 cm		Pigtail			
	OM45BHONDT				Terminal block			
	OM55BHOND	US single-gang back box compatible reader with Keypad	12.7 cm		Pigtail			
	OM55BHONDT				Terminal block			



* Maximum read range is affected by environmental conditions, surface the reader is mounted on and credential form factor and technology

OmniClass 2.0 compatible smart credentials




The cost-effective OmniClass smart credentials are ideal for the majority of access control applications and are delivered with a programmed card number printed on the surface. As smart cards can also store data for other applications, such as cashless vending and storing biometric data, the 16kb OmniClass credentials become suitable for campuses and other facilities where a single card is issued. Off the shelf pre-programmed Mifare Classic and Mifare DESFire EV1 credentials are also compatible with the OmniClass 2.0 reader range. Custom programmed Mifare Classic and DESFire EV1 is optional, available for both credentials and readers.

	PART NUMBER	FORM FACTOR	SUITABLE FOR PRINTING	COLOUR	MEMORY SIZE	PROGRAMMED NUMBER	NUMBER OF BITS IN CARD FORMAT	CARD NUMBERS VISIBLE	COMPATIBLE READERS
	OKP0N34	PVC Credit card size card	✓	White with Honeywell logo	OmniClass 2k2; 2kb, for 2 partitions	According to your requirements on site code and card number range	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 Smart Card readers OmniClass 2.0 Multi Technology readers
	OKP0N26						26 bit		
	OKP2N34	PVC Credit card size card	✓	White with Honeywell logo	OmniClass 16k16; 16kb, for 16 partitions	According to your requirements on site code and card number range	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 Smart Card readers OmniClass 2.0 Multi Technology readers
	OKP2N26						26 bit		
	OKS2N34	Self adhesive sticker	✗	White with Honeywell logo	OmniClass 16k16; 16kb, for 16 partitions	According to your requirements on site code and card number range	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 Smart Card readers OmniClass 2.0 Multi Technology readers
	OKP2M26						26 bit		
	PXKEYH16K16	Key fob	✗	Purple and Black	OmniClass 16k16; 16kb, for 16 partitions	According to your requirements on site code and card number range	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 Smart Card readers BioClass reader
	PXKEYH16K1626						26 bit		

Mifare Classic and Mifare DESFire EV1 credentials for OmniClass 2.0



	PART NUMBER	FORM FACTOR	SUITABLE FOR PRINTING	COLOUR	MEMORY SIZE	PROGRAMMED NUMBER	NUMBER OF BITS IN CARD FORMAT	CARD NUMBERS VISIBLE	COMPATIBLE READERS
	PVCHMF1KSE	PVC Credit card size card	✓	White	Mifare Classic 1kb, for 15 sectors	According to your requirements on site code and card number range; programmed in one of the sectors	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 smart card readers OmniClass 2.0 Multi Technology readers
	PVCHMF1KSE26						26 bit		
	PVCHDF8KSE	PVC Credit card size card	✓	White	DESFire EV1 8kb, multiple applications	According to your requirements on site code and card number range; programmed in one of the sectors	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 smart card readers OmniClass 2.0 Multi Technology readers
	PVCHDF8KSE26						26 bit		

OmniClass Multi Technology Credentials

	PART NUMBER	FORM FACTOR	SUITABLE FOR PRINTING	COLOUR	MEMORY SIZE	PROGRAMMED NUMBER	NUMBER OF BITS IN CARD FORMAT	CARD NUMBERS VISIBLE	COMPATIBLE READERS				
	OKP2M34	PVC Credit card size Card with unprogrammed magnetic stripe	✓	White with Honeywell logo	OmniClass 16k16; 16kb, for 16 partitions	According to your requirements on site code and card number range	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 Smart Card and Multi Technology readers BioClass reader				
	OKP2M26	26 bit											
	OKH2N34	PVC Credit card size card				✓	White with Honeywell logo		OmniClass 16k16; 16kb, for 16 partitions	According to your requirements on site code and card number range; Smart and prox have same number	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 Smart Card readers OmniProx and HID prox compatible readers BioClass reader
	OKH2N26	26 bit											
	OKH2M34	PVC Credit card size Card with unprogrammed magnetic stripe				✓	White with Honeywell logo		OmniClass 16k16; 16kb, for 16 partitions	According to your requirements on site code and card number range; Smart and prox have same number	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 Smart Card readers OmniProx and HID prox compatible readers BioClass reader
	OKH2M26	26 bit											

OmniAssure Mifare Classic Readers





OmniAssure readers are based on the MIFARE technology reading MIFARE Classic credentials. All readers have Wiegand output for use with Honeywell access panels and intrusion Door Control Modules.

	PART NUMBER	FORM FACTOR	MAX READ RANGE*	COLOUR	CONNECTION	COMPATIBLE CREDENTIALS	TAMPER			
	OT30HONBM	Mullion Mount reader	3.0 cm	Silver grey finish	Terminal Block	13.56 MHz OmniAssure Mifare Sector and any other Mifare Classic (CSN**)	Optional switch			
	OT30HONBS	Mifare Classic (CSN**)								
	OT35HONBM	Mullion mount reader with keypad	3.0 cm			Silver grey finish		Terminal Block	13.56 MHz OmniAssure Mifare Sector and any other Mifare Classic (CSN**)	Optional switch
	OT35HONBS	Mifare Classic (CSN**)								

* Maximum read range is affected by environmental conditions, surface the reader is mounted on and credential form factor and technology

** CSN : Card Serial Number

OmniAssure Mifare Classic Credentials

	PART NUMBER	FORM FACTOR	SUITABLE FOR PRINTING	COLOUR	MEMORY SIZE	PROGRAMMED NUMBER	NUMBER OF BITS IN CARD FORMAT	CARD NUMBERS VISIBLE	COMPATIBLE READERS
	OFP1N34	PVC Credit card size card	✓	White with Honeywell logo	Mifare Classic 1kb, for 15 sectors	According to your requirements on site code and card number range; programmed in one of the sectors	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniAssure OT3xHONBM Mifare and Multi Technology readers
	OFP1N26						26 bit		
	OFK1N34	Key fob	✗	Blue			34 bit		
	OFK1N26						26 bit		
	OFP1N00	PVC Credit card size card	✓	White with Honeywell logo		Unprogrammed Mifare	✗	✗	OmniAssure OT3xHONBS (CSN*) and OmniClass 2.0 (CSN*)
	OFK1N00	Key fob	✗	Blue					

* CSN : Card Serial Number

Multi Technology Readers

ACCESS





Honeywell offers a wide range of multi technology readers.

The OmniAssure™ range is based on MIFARE technology reading MIFARE Classic credentials and the more secure DESFire credentials.

The Omniclass 2.0 multi technology portfolio offers a range of sizes and is compatible with smart credentials such as iCLASS®(SE), MIFARE Classic and MIFARE DESFire EV1.

Furthermore the OmniClass 2.0 range can retro-fit any Wiegand output reader, including standard HID or Honeywell proximity readers and is backwards compatible with OmniClass legacy credentials. All readers have Wiegand output for use with Honeywell access panels and intrusion door control modules.



OmniAssure Multi Technology Readers

	PART NUMBER	FORM FACTOR	MAX READ RANGE*	COLOUR	CONNECTION	COMPATIBLE CREDENTIALS	TAMPER
	OT31HONBM	Mullion Mount reader	3.8 cm	Silver grey finish	Terminal Block	13.56 MHz OmniAssure Mifare Sector and 125kHz HID Prox compatible technology	Optional switch
	OT31HONBS					Mifare Classic (CSN**) and 125kHz HID Prox compatible technology	
	OT36HONBM	Mullion mount reader with keypad	3.8 cm			13.56 MHz OmniAssure Mifare Sector and 125kHz HID Prox compatible technology	
	OT36HONBS					Mifare Classic (CSN**) and 125kHz HID Prox compatible technology	

* Maximum read range is affected by environmental conditions, surface the reader is mounted on and credential form factor

** CSN : Card Serial Number






OmniAssure Multi Technology Credentials

	PART NUMBER	FORM FACTOR	SUITABLE FOR PRINTING	COLOUR	MEMORY SIZE	PROGRAMMED NUMBER	NUMBER OF BITS IN CARD FORMAT	CARD NUMBERS VISIBLE	COMPATIBLE READERS
	OFH1N34	PVC Credit card size card	✓	White with Honeywell logo	Mifare Classic 1kb, for 15 sectors	According to your requirements on site code and card number range; Smart and prox have same number	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniAssure OT3xHONBM and OmniProx
	OFH1N26					26 bit			
	OFP1N0034SP					Prox only according to your requirements on site code and card number range; Smart unprogrammed	34 bit (Prox only)		OmniAssure OT3xHONBS (CSN*) and OmniClass 2.0 (CSN*) and OmniProx
	OFP1N0026SP					26 bit (Prox only)			

** CSN : Card Serial Number


Multi Technology Readers

OmniClass 2.0 Multi Technology Readers

	PART NUMBER	FORM FACTOR	MAX READ RANGE*	COLOUR	CONNECTION	COMPATIBLE CREDENTIALS	TAMPER	HOLD WIRE
	OM16BHOND	Long Mullion Mount reader	6.4 cm	Black	Pigtail	13.56 MHz OmniClass, iCLASS, iClass SE, iClass SR, SEOS, SE for Mifare and SE for DESFire EV1 125kHz HID Prox compatible technology, EM4102 and AWID	Optical	Available suitable for IN / OUT reader in NetAXS-123
	OM16BHONDT				Terminal block			
	OM31BHOND	Mullion mount reader	6.4 cm		Pigtail			
	OM31BHONDT				Terminal block			
	OM41BHOND	US single-gang back box compatible reader	11.4 cm		Pigtail			
	OM41BHONDT				Terminal block			
	OM46BHOND	UK / European single-gang back box compatible reader	8.3 cm		Pigtail			
	OM46BHONDT				Terminal block			
	OM56BHOND	US single-gang back box compatible reader with Keypad	11.4 cm		Pigtail			
	OM56BHONDT				Terminal block			

* Maximum read range is affected by environmental conditions, surface the reader is mounted on and credential form factor and technology

OMNICLASS BIOMETRIC READER

	PRBIOCLAS-HW000	Wall Mount reader with fingerprint sensor and keypad, for both enrolment and dual verification reader	10.0 cm	Black	Terminal Block	The Fingerprint template can only be stored on a 16k16 version of OmniClass credentials	Optical	Available suitable for IN / OUT reader in NetAXS-123
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* Maximum read range is affected by environmental conditions, surface the reader is mounted on and credential form factor

Visitor Management

ACCESS



Your Reception is your first line of defence and your visitor's first impression. The traditional method of using a log book and generic visitor tags leaves you vulnerable.

Lobbyworks® Visitor Management Suite offers an innovative alternative to meet these challenges.

With LobbyWorks, visitors are identified, potential threats are flagged, expected visitors are pre-authorised, badges are issued, sponsors are notified, and visitors are tracked while on the premises.

Why LobbyWorks?

Each day scores of visitors pass through the entrances to your facility. Having the ability to screen and track them can contribute substantially to the safety and protection of your personnel and property.

For companies that have made significant investments in perimeter security and access control, the ability to automatically screen and track visitors is an essential part of a complete security plan.


LobbyWorks Suite is a simple and cost effective way to:

- **Determine** who is in your facility at all times
- **Identify** unwanted visitors
- **Eliminate** abuse of visitor badges
- **Protect** the confidentiality of visitors
- **Facilitate** communication between hosts, visitors, and security personnel
- **Improve** lobby and security desk productivity



LobbyWorks Kiosk

LobbyWorks Kiosk is a stylish and robust self-registration station that supports receptionists or security guards when signing visitors in or out of premises. It forms part of the total Honeywell LobbyWorks Visitor Management Solution.

	PART NUMBER	DESCRIPTION	COLOUR	SCREEN	SPEAKERS	WEB CAM	SCANNER	LICENSCE
	LWVMSPTKIOSK	Lobbyworks Kiosk with PC	Black	Integrated 19" touch screen	✓	✓	Business card scanner Bar code scanner	PC (LobbyWorks Licence LWVMSKIO is mandatory per kiosk)

LobbyWorks Visitor Management System Includes:

LobbyWorks Front Desk

Register and track visitors.

Includes: Photo ID/business card scan, photo and signature capture, badge printing, visitor sign in/out tracking, watch list filtering, emergency list report, delivery and asset tracking, visitor access card tracking and much more.

LobbyWorks Kiosk

Self-registration station for high traffic or unattended lobby. Ergonomically designed with voice coaching. Visitors enter their information and are then authorised remotely by a security desk or the host employee.

LobbyWorks Web Center

Used by employees to pre-register their visitors and by authorised security personnel to view visitor traffic in real time as well as validate, sign in and sign out visitors' badges.

LobbyWorks Notify

Used by employees at their computer to get real-time pop-up when their visitor arrives or if their visitor requires immediate authorisation. Also used to proactively track expired visits.

LobbyWorks Reports

Allow authorised personnel to generate detailed visitor traffic reports and graphs for each day, week, month or year. View traffic per employee, visitor, department, location, building or company - true reporting flexibility at your fingertips.

LobbyWorks

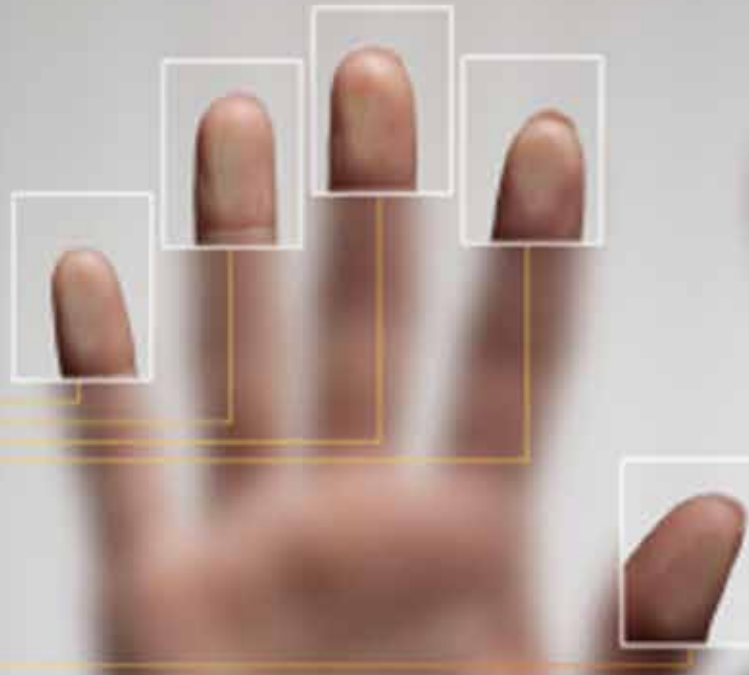
Administrators can tap into the power and flexibility of Lobbyworks and tailor it to their specific facility and business needs. Control security policies for visitors and contractors, user permissions, badge and report templates and much more.



INTRUSION

INTRUSION

Our intruder systems range from, control panels and motion sensors, to fully integrated intrusion and door control security installations. They include environmental protection and life safety devices and perimeter protection products including glassbreak, seismic and shock sensors. Some of our systems have a modular design and different communications options, so you can tailor them to your needs. You can choose from wired, wireless or hybrid solutions.



information about Intrusion products

<http://www.security.honeywell.com/me/products/intruder>

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Sirens	Viper Shock Sensors
Smoke Sensors	
Water Detector and Temperature Sensor	



The Galaxy Dimension series of security systems is a fully integrated intrusion and door control security solution for mid to large commercial security installations.

It offers your customers a user-friendly system in a cost-effective and fully compliant package.

An innovative wireless capability offers high quality, reliable security solutions, with the flexibility to meet the needs of every commercial and industrial application.

Galaxy Dimension Intruder System (Grade 3)

PD6682-2010 BS8243 EN50131-1
COMPLIANT



PART NUMBER	DESCRIPTION	WIRELESS ZONES	KEYPADS	DOOR CONTROL	WIRELESS PORTALS	TIMER SCHEDULES	USERS	LOGS	GROUPS	MULTI-PATH
C048-D-E1	GD-48 Control Panel with PSTN dialler	16 - 48 zones, including 32 wireless	8 (3 keyprox)	4	4	19 x 7 day timer schedules	100	1000 event log 500 access log	8	Communications via GPRS, Ethernet, PSTN
C096-D-E1	GD-96 Control Panel with PSTN dialler	16 - 96 zones, including 80 wireless	16 (7 keyprox)	16	8	35 x 7 day timer schedules	250	1500 event log 1000 access log	16	Communications via GPRS, Ethernet, PSTN
C264-D-E1	GD-264 Control Panel with PSTN dialler	16 - 264 zones, including 192 wireless	16 (7 keyprox)	16	8	67 x 7 day timer schedules	1000	1500 event log 1000 access log	32	Communications via GPRS, Ethernet, PSTN
C520-D-E1	GD-520 Control Panel with PSTN dialler	16 - 520 zones, including 192 wireless	32 keypads (24 keyprox)	32	8	67 x 7 day timer schedules	1000	1500 event log 1000 access log	32	Communications via GPRS, Ethernet, PSTN

Galaxy Flex

INTRUSION



Galaxy Flex is a feature rich, fully compliant control panel offering ease and flexibility. With the latest enhancements users can go where they want, when they want, with total peace of mind. Innovative, intuitive and easy to use, Galaxy Flex is a fully equipped hybrid intruder alarm for residential and commercial applications. Now with added benefits to the already proven reliable and cutting-edge security solution, including three housing options, the introduction of a 'night-set' mode, and the GX Remote Control, a dedicated Mobile App allowing remote control at the touch of a button.

Galaxy Flex Control Panels (Grade 2)

COMPLIANT

PD6692-2016 BS8243 EN50131-1



PART NUMBER	DESCRIPTION	WIRED / WIRELESS ZONES	KEYPADS / KEYPROXES	DOOR CONTROL	WIRELESS PORTALS	GROUPS	LOG
C005-S-E1	Galaxy Flex FX020 small box, 1A	12 - 20	4	4	4	3	500
C005-M-E2	Galaxy Flex FX020	12 - 20	4	4	4	3	500
C006-M-E2	Galaxy Flex FX050	12 - 52	4	4	8	4	500
C007-M-E2	Galaxy Flex FX100	12 - 100	8	8	8	8	1000
C005-L-E2	Galaxy Flex FX020 Large box, 2A	12 - 20	4	4	4	3	500
C006-L-E2	Galaxy Flex FX050 Large box, 2A	12 - 52	4	4	8	4	500
C007-L-E2	Galaxy Flex FX100 Large box, 2A	12 - 100	8	8	8	8	1000

GALAXY FLEX KITS

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
C005-E2-K01	Medium panel with MK7 Keypad (Dutch version is K05)	C005-E2-K11	Large panel with MK7 Keypad
C005-E2-K02	Medium panel with MK7 Keyprox (Dutch version is K06)	C005-E2-K12	Large panel with MK7 Keyprox
C005-E2-K03	Medium Panel with MK8 Keypad	C005-E2-K13	Large panel with MK8 Keypad
C005-E2-K04	Medium Panel with MK8 Keyprox	C005-E2-K14	Large panel with MK8 Keyprox
		C005-E1-K21	Small panel with MK7 Keypad
		C005-E1-K22	Small panel with MK7 Keyprox
		C005-E1-K24I	Small panel with MK8 Keyprox and Ethernet

Visual Verification – ISN3010B4 Camera PIR

In addition to sequential and audio verification, Galaxy Flex offers image sequence verification to confirm alarms. Using the new ISN3010B4 camera PIR and Honeywell PE 1800IP alarm receiver, the Alarm Receiving Centre (ARC) receives a sequence of pre- and post alarm images to distinguish between real and false alarm signals, avoiding penalties and costs associated with false alarms.



- Visually confirm alarms without the cost of a CCTV solution
- Fast reaction to record alarm images with pre-alarm frames
- Low bandwidth of video clips mean transmission over GPRS is possible



COMPLIANT

GX Remote Control - Galaxy Mobile App



Remote access and management

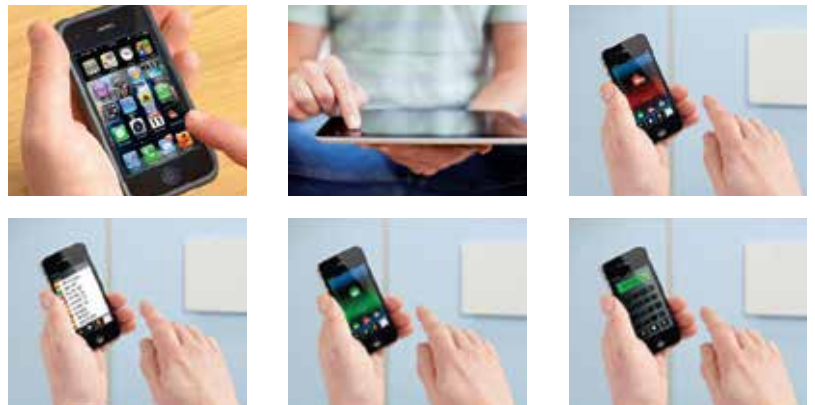
- Mobile application offers control/operation of your Galaxy system* anytime anywhere

Convenience and security on the move

- Transact on the move with your preferred mobile device e.g. Smartphone/tablet
- Remotely manage the security of your home or premises wherever you are:
 - check if the kids have arrived home
 - ensure your premises are secure

Free download

- No recurring monthly costs
- Available to download from iTunes or Google Play



PRODUCT TYPE	PRODUCT REF	MINIMUM PANEL FIRMWARE REQUIREMENTS	ADDITIONAL HARDWARE REQUIRED
Galaxy Flex V1	C001-xx	1.0	E080-02 or E080-04 Galaxy Ethernet Module
	C003-xx		
	C004-xx		
Galaxy Flex V3	C005-xx	3.1	A083-00-01 Galaxy Ethernet Module
	C006-xx		
	C007-xx		
Galaxy Dimension	C048-xx	6.0	E080-02 or E080-04 Galaxy Ethernet Module
	C096-xx		
	C264-xx		
	C520-xx		

*Galaxy Dimension and Galaxy Flex only



G2 Control Panels

INTRUSION



The Honeywell G2 series of intruder alarm systems is the ideal solution to protect small commercial sites with the flexibility and convenience of a wired, wireless or hybrid solution.

Based on our tried and tested Galaxy technology, the G2 panels provide advanced security with a unique system architecture and a wide range of wired and wireless peripherals to provide a high level of flexibility.

G2 Control Panels (Grade 2)

PD662:2010 | BS8243 | EN50131-1
COMPLIANT



PART NUMBER	DESCRIPTION	WIRELESS ZONES	OUTPUTS	KEYPADS KEYPROX	SMS MESSAGING	WIRELESS PORTALS	USERS / GROUPS	EVENT LOG	GSM SIGNALLING
C020-01-C	G2-20 Control Panel	12 - 20 wired/ wireless zones	4+8 outputs expandable to 16 (including 8 trigger lead outputs)	4 keypads/ keyprox	✓	2	24 users and 3 + 1 groups	384	✗
C044-01-C	G2-44+ Control Panel	12 - 44 wired/ wireless zones	4+8 outputs expandable to 28 (including 8 trigger lead outputs)	Supports 4 keypads/ keyproxes	✓	2	24 users and 3 + 1 groups	384	GSM signalling and 2 way voice communication options are available

Galaxy Accessories Compatibility

The table below offers a compatibility overview of the Galaxy accessories listed in this catalogue.

Galaxy Accessories Compatibility Table

PART NUMBER	DESCRIPTION	GALAXY DIMENSION	GALAXY FLEX V1.00	GALAXY FLEX V3.00	G2	PAGE NO.
A071-00-02	Galaxy Flex trigger module		●	●		46
A073-00-01	Galaxy Flex Direct mount RF Portal PCB		●	●		46
A074-00-01	Output option board/Relay module			●		46
A077-00-02**	Galaxy Flex Mounting kit for Ethernet module		●			47
A079-00	Dual Battery Monitor	●				N/A
A081-00-01	Galaxy Flex GSM/GPRS module. High Speed			●		46
A083-00-01	Galaxy Flex Ethernet Module. High Speed			●		47
A235	G2 2 way voice/audio device				●	48
A303-S	Mounting bracket for GT-20/40 & E080-04 modules	●				47
C072	Galaxy RIO (Remote Input/Output)	●	●	●	●	46
C079-2	RF Portal	●	●	●	●	46
C080	Galaxy door control module (DCM)	●	●	●		47
C081	Galaxy door control module (DCM) with PSU	●	●	●		47
C084	Audio interface module for Galaxy Dimension	●	●	●		48
C085	Audio MUX Module	●		●		48
C086	Card reader interface	●	●	●		47
CP037-01	Galaxy MK7 LCD keypad	●	●	●	●	45
CP038-01	Galaxy MK7 LCD keyprox with integrated ASK/HID reader	●	●	●	●	45
CP050-00-01	Galaxy MK8 LCD keypad	●	●	●	●	45
CP051-00-01	Galaxy MK8 LCD keyprox with integrated ASK/HID reader	●	●	●	●	45
E080-04	Galaxy ethernet module	●	●		●	47
GT-20	IP Communications Module	●	●			47
GT-40	GPRS/IP Communications Module	●	●			47
MX04	MAX4 Prox reader	●	●	●	●	47
P025-01-B	Boxed 2.75A power supply unit (PSU)	●	●	●	●	48
P026-01-B	Boxed 2.75A power supply unit (PSU) with integrated RIO	●	●	●	●	48
R056-CD-L	Galaxy Remote Service Suite (RSS) with licence	●	●	●	●	47
R057-CD-DG	Galaxy Remote Service Suite (RSS) with dongle	●	●	●	●	47
R058-CD-DG	Galaxy User Management Suite (UMS) with dongle	●	●	●	●	47
TP800*	2 Way voice speaker-mic	●	●	●	●	48
YX0-0004	MAX Keytag	●	●	●	●	45
YX0-0020	ASK Proximity keytag (grey)	●	●	●	●	45

Compatibility Key

Galaxy Dimension	●
Galaxy Flex V1.00 & 3.00	●
G2	●

* Galaxy Flex and Dimension when used with the Audio Interface (Order Code: C084)

G3-44+ when used with the Audio Terminal Board (Order Code: A233)

** part number applicable to UK only

Keypads

























INTRUSION



The Galaxy control panels are supported by a common set of LCD keypads and keyproxes, minimising the inventory installers need to hold. In addition to the tried and trusted Mark 7 keypad design, a contemporary new Mark 8 LCD keypad and keyprox design offers an attractive alternative solution for installations where style and aesthetics are particularly important.

The Mark 8 keypad is fully backward compatible with all Galaxy ranges.

Keypads, Keyproxes and Keytags

	PART NUMBER	DESCRIPTION	COM-PATIBILITY CODE	BUTTONS	CONTROL & DISPLAY	TAMPER PRO-TECTION	DISTANCES	SET/ UNSET WITH PIN	EASY INSTALLATION	SECURITY GRADE 3
	CP050-00-01	MK8 Keypad		Tactile backlit rubber buttons	Full system control		Can be mounted directly to the panel up to distances of 1000m			PD6662: 2004/2010 EN50131-1 Security Grade 3, Environmental Class II
	CP051-00-01	MK8 Keyprox with combined LCD Keypad proximity card reader		Tactile backlit rubber buttons	Full system control. 32 alphanumeric backlit display		Can be mounted directly to the panel up to distances of 1000m			PD6662: 2004/2010 EN50131-1 Security Grade 3, Environmental Class II
	CP037-01	MK7 Keypad		Tactile backlit rubber buttons	Full system control. 32 alphanumeric backlit display		Can be mounted directly to the panel up to distances of 1000m			PD6662: 2004/2010 EN50131-1 Security Grade 3, Environmental Class II
	CP038-01	MK7 Keyprox with combined LCD Keypad proximity card reader		Tactile backlit rubber buttons	Full system control. 32 alphanumeric backlit display		Can be mounted directly to the panel up to distances of 1000m			PD6662: 2004/2010 EN50131-1 Security Grade 3, Environmental Class II
	YX0-0004	Black MAX keytag (Keyprox and MAX)								
	YX0-0020	Grey ASK proximity keytag (Keyprox only)								

Galaxy Modules and Accessories




A wide range of Galaxy modules allow expansion of the Galaxy control panels, providing fully flexible and customisable security solutions to meet specific customer needs.

Module options include access control functionality, wireless expansion, via GSM/GPRS, Ethernet and PSTN communications and audio capabilities.

Wireless Devices

Bi-directional wireless interface providing support for the V2 and Alpha protocol with a full range of intrusion and environmental detectors.


	DESCRIPTION	FREQUENCY	PORTALS	BI-DIRECTIONAL	SENSORS
	RF portal	868MHz	Up to 8 RF portals on Dimension/Flex. Up to 2 RF portals on G2.	Full bi-directional agile routing (patented technology)	Compatible with all Honeywell Alpha protocol sensors

ORDER REFERENCES




PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
C079-2	RF portal in standalone enclosure	● ● ●
A073-00-01	Galaxy Flex direct mount RF portal PCB	●

Wired Zone Expanders

This module provides zone and output expansion for Galaxy systems offering 8 fully programmable zones and 4 programmable outputs.



	PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
	C072	Galaxy RIO (Remote Input/ Output)	● ● ●

Communications

	PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
	A081-00-01	Galaxy Flex GSM/GPRS module	●
	A071-00-02	Galaxy Flex Trigger module	●
	A074-00-01	Output option board	●

Communications

ORDER REFERENCES		
PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
E080-04	Galaxy Ethernet module	● ● ●
A083-00-01	Galaxy Flex direct mount Ethernet module	●



	PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
	GT-20	IP Communications Module	●
	GT-40	GPRS/IP Communications Module	●

IP and GPRS communications modules offering fail-safe alarm signalling and remote servicing support for Galaxy.



PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
A077-00-01	Galaxy Flex mounting kit for the Ethernet Module	●
A232	Trigger lead for G2 and Dimension Mounting kit for Ethernet module	● ●
A303-S	Mounting bracket Mounting bracket for GT-20/40 and E080-2 modules	●

Door Control

A combined intrusion and door control system offers the end user a system which retains maximum convenience whilst maintaining the highest level of security at all times. The Door Control Module (DCM) enables Galaxy Dimension and Galaxy Flex's versatile access control facilities to be exploited. Each DCM provides fully integrated security for up to two doors.

	PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
	C080 Door Control Module (DCM)	Dual door controller (DCM) in stand-alone box. Compatible with OmniClass and OmniProx proximity and smart card readers	● ●
	C081 Door Control Module (DCM)	Dual door controller (DCM) with Power Supply Unit (12V- 2.75A) and RIO in a metallic case. Compatible with OmniClass and OmniProx proximity and smart card readers	● ●

Door Control

	PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
	C086 - USB Card reader interface	This reader allows easy learning of new access cards via a PC when used in conjunction with the User Management Suite (UMS)	● ●
	MX04 - MAX4 Proximity Reader	Complete door control in a single unit - Can be used as stand-alone or integrated into the Galaxy control system - Connected on RS485 bus. Also compatible with G2	● ● ●

Programming/Maintenance







The Galaxy Remote Servicing Suite (RSS) provides complete remote servicing capability including off-line programming, real-time control and diagnostic reporting across the Galaxy range. The User Management Suite (UMS) software is a powerful PC package that can control and administer an installed Galaxy system locally via a PC Network, or multiple systems remotely around the globe using phone line connections or wide area networks (WAN).

ORDER REFERENCES		
PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
R056-CD-L	Standalone Galaxy Remote Service Suite software with licence	● ● ●
R057-CD-DG	Galaxy Remote Service Suite software with USB dongle and client/server version	● ● ●
R058-CD-DG	Galaxy User Management Suite software with USB dongle	● ● ●
C087	SPI KEY programmer control system Connects to a PC via USB Cable	●
A227	Galaxy Dimension S.P.I. Key - Blank	●
SOF-048-E1	Galaxy Dimension 48 S.P.I. Key - Programmed	●
SOF-096-E1	Galaxy Dimension 96 S.P.I. Key - Programmed	●
SOF-264-E1	Galaxy Dimension 264 S.P.I. Key - Programmed	●
SOF-520-E1	Galaxy Dimension 520 S.P.I. Key - Programmed	●



Galaxy Modules and Accessories

Audio Verification

Audio verification allows the Alarm Receiving Centre (ARC) to listen in using independent audio channels to identify the specific location where the alarm has been triggered and verify source and cause. This reduces false alarms and increases system reliability.

	PART NUMBER	DESCRIPTION	COMPATIBILITY CODE
	C084	Audio interface module for Galaxy Dimension and Galaxy Flex	● ●
	C085	Audio MUX module for Galaxy Dimension	● ●
	TP800	2 Way voice speaker-mic	● ● ●
	A235	2 way voice/audio device kit for G2 control panels	●

Power Units

	PART NUMBER	DESCRIPTION	POWER SUPPLY	BATTERY	COMPATIBILITY CODE
	P025-01-B	Galaxy power unit	Rated at 1.2A for Grade 3 compliance, reports AC, Battery, fuse and tamper via RS485	Up to 34Ah battery capacity (2 x 17Ah batteries)	● ● ●
	P026-01-B	Galaxy Power RIO	Rated at 1.2A for Grade 3 compliance, combines power supply and RIO in one enclosure (2.75A)	Up to 24Ah battery capacity (2 x 12Ah batteries)	● ● ●


INTRUSION

Domonial Wireless Intruder Alarm Range



Domonial Vision is a compact wireless intruder alarm for remotely monitored systems and is ideal for private residences or small commercial sites. Video alarm verification provides a more reliable system as genuine alarms can be quickly identified and responded to, saving installers precious time and resources related to false alarms.



Control Panels

	PART NUMBER	DESCRIPTION	TRANSMISSION	INSTALLATION	ALARM	ANTENNA	DETECTORS	COMPLIANT
	CM18UK-STD-7 / CME8UK-STD7G	Integrated wireless security system	2-way 868Mhz radio transmission with adaptive radio jamming detection. Compatible with almost all existing alarm receivers. X10-compatible for home automation applications.	Up to 32 wireless peripherals per installation. May be connected to the Domonial installation and maintenance support systems	Alarm transmitted over PSTN network, GSM/GPRS*, Ethernet. Built-in siren (95db) with different adjustments for intrusion and smoke detection.	External antenna kit allows the antenna to be installed between 5 and 60m distance	infrared detectors with built-in cameras capture & transmit images	Compliant to DD243:2004 - BS8243:2010, EN50131-3:2009, EN50131-6:2008 and EN50131-5-3:2005/A1 Grade 2 & Environmental Class II



ORDER REFERENCES

PART NUMBER	DESCRIPTION
CM18UK-STD-7	Wireless control panel with integrated PSTN communicator
CME8UK-STD7G	Wireless control panel with integrated PSTN and GSM/GPRS communicator


Sirens


	PART NUMBER	DESCRIPTION	SOUNDER LEVEL	LENS COLOUR	POWER SUPPLY	BATTERY LIFE	FRONT & REAR ANTI-TAMPER	DIMENSIONS
	SI800M	Internal Sounder	Sounder level can be set between progressive modes	No lens	4 batteries LI03V (supplied)	4 years	Opening and wall mounted	165 x 70 mm (Ø x h)
	SEF8M	External wireless siren with 103dB output and strobe	Cut off timers. Selectable 7 level siren output control	Orange (supplied), red or blue (optional)	8 x 1.5V AA Lithium batteries (supplied)	4 years	Opening and wall mounted	330 x 240 x 73 mm (h x w x d)

Keyfobs and Panic Buttons

	PART NUMBER	DESCRIPTION	ROLLING CODE ENCRYPTION	FEEDBACK ON ALL ACTIONS	INTRUDER WARNING	LOW BATTERY WARNING	COMPLIANT	COLOUR	FUNCTIONS / SOFTWARE	DIMENSIONS
	TCP2AB	Panic button (2 button)	✗	✗	✗	✓	DD243:2004 BS8243:2010 when configured in panic function	Grey	✗	39 x 14 (Ø x h)
	TCC8M	Compact Four-button bi-directional keyfob	✓	✓	Warning in event of intruder alarm when unset	✓	DD6662: 2010/ BS8243:2010 EN50131 Grade 2, Class II	Black	5 functions: Set/Unset, Partial set, Panic Alert and system status on request. Rolling code encryption	48 x 56 x 9 mm (h x w x d)

Keypads



	PART NUMBER	DESCRIPTION	SYSTEM PROGRAMMING	USERS / TAMPER	DURESS CODE	POWER SUPPLY	PROTOCOL	COMPLIANT	FUNCTIONS / SOFTWARE	DIMENSIONS
	TCU4-800M	Mobile LCD Keypad with integrated Proximity Reader	✓	Up to 10 users (PIN codes and Prox Tag operation). Opening and wall mounted tamper	Duress code locks after 5 incorrect codes	1 battery LI03V (supplied) replaceable by the end user. Battery life: ~1 year	"Alpha" radio protocol. Can be used out of its cradle (supplied)	EN50131-1 Security Grade 2, Environmental Class II	Set/Unset/ Panic Alert/ X10 remote/ level setting beeps	62 x 155 x 28 mm (h x w x d)

	PART NUMBER	DESCRIPTION	SIREN / SOUNDER	LEDS	COMPATIBLE	DIMENSIONS
	LKP-S8M-EN	Wireless LED keypads with integrated proximity reader	Includes 90dB intrusion/fire siren with Piezo sounder	4 LEDs and user profiles synchronised with panel	CM18UK-STD-7/ CME8UK-STD7G	110 x 150 x 27 mm (h x w x d)



Tags

	PART NUMBER	DESCRIPTION	COLOUR	DIMENSIONS
	TAG-I / TAG-G	Proximity Tag	Available in Ivory (TAG-I) and grey (TAG-G)	47 x 30 x 3 mm (h x w x d)



Communications Modules

	PART NUMBER	DESCRIPTION	VERSION	PLUG AND PLAY	ALARM TRANSMISSION	IMAGE VERIFICATION	REMOTE MAINTENANCE	ETHERNET FAULT DETECTION	PSTN BACK UP
	GPRSE-1	GPRS/GSM communications	For Domonial control panels version 7	Plug and play on standard ADSL installations	Supports "Secom 3", Contact ID, CESA, SURTEC protocols for alarm transmission	Supports image verification with IRVPI800M, CAMIR/ CAMIR-N image sensors	Supports remote maintenance with VAT protocol	✗	✓
	ETH800	Plug and play on standard ADSL installations	✗	✗	Supports "Secom 3" IP protocol for alarm transmission	Supports image verification with IRV800M/ CAMIR/ CAMIR-N	Supports remote maintenance with VAT protocol (programming tools and IST server)	✓	✓






PIR Image Sensors

	PART NUMBER	DESCRIPTION	LEDS	RANGE / PET IMMUNITY	TAMPER	RESOLUTION	POWER	COMPATIBLE	COMMUNICATION / SENSITIVITY LEVELS	DIMENSIONS
	CAMIR-NCSH	Wireless Pet immune PIR with Colour Camera and Infrared LEDs	Built-in camera LEDs allows pictures to be taken in total darkness	11 x 12m 18 & 36 kg pet immunity	Front and back cover tamper	576 x 320 pixels 320 x 176 pixels	Powered by 2 x CR123 batteries	K14 and above Y32 and above	Bi-directional radio communication 4 sensitivity levels	55 x 121 x 64 mm
	IRVPI800M	Wireless passive infrared motion sensor with built-in camera	Built-in camera LEDs allows pictures to be taken in total darkness	11 x 12m 36 kg pet immunity	Front and rear tamper protection	320 x 176 pixel image size with 256 levels of grey, 90o camera angle	4 years/ 5000 images	Powered by 3 x LI03V batteries	Alpha radio protocol Dual slope temperature compensation	640 x 145 x 650 mm

Accessories

	PART NUMBER	DESCRIPTION	HALF DUPLEX	INSTALLATION	COMMUNICATIONS	COMPATIBLE	DIMENSIONS
	TP800	Extension speaker/microphone for audio verification	✓	Up to 3 units per installation	✗	✗	135 x 85 x 25 mm (h x w x d)
	EXT-ANTENNA-1	External Antenna kit for Domonial	✗	Can be installed from 5 - 60m from the panel	Bi-directional	Compatible with Domonial 7 panels and above	✗

Programming

	PART NUMBER	DESCRIPTION	SOFTWARE	PROGRAMMING	COMPATIBLE	GSM MODEM PSTN MODEM	SIM CARD REQUIRED
	DOMOPC-GSM	Local and remote programming tool for Domonial including CMI version panels (for programming using GSM network)	Including software (Windows 2000 or >)	Allows remote programming for Domonial panels using GSM network	✗	GSM Modem, serial cable and USB/Serial adaptor	✓
	DOMOPC	Local and remote programming tool for Domonial including CMI version panels	Including software (Windows 2000 and greater)	✗	✗	PSTN Modem, serial cable and USB/Serial adaptor	✗
	DOMOPC-LT	Local PC programming tool	Including software (Windows 2000 or above)	Serial cable and USB/Serial adaptor	Compatible with Domonial panels including CMI version panels	✗	✗
	DOMODEM2	PSTN modem for remote maintenance	Software not supplied. European power cord supplied	✗	✗	Remote maintenance via PSTN or GSM communications	✗
	CAB800PC	Direct programming cable for connecting Domonial panel to PC (serial port)	✗	✗	✗	✗	✗

Total Connect 2.0E & Systems

INTRUSION



What does Total Connect 2.0E offer?

Total Connect 2.0E is the new Honeywell solution that allows you to remotely manage Domonial and Le Sucre™ over the internet, and is designed to make your life easier.

Key benefits include:

- Ability to use one common solution to remotely operate both Domonial and Le Sucre
- A client selling both panels can use the same solution
- Usage / management consistency for both panels
- Accessed from a PC, a tablet or a smartphone
- Allows security functions (arm, disarm)
- Displays images on-demand or when an alarm occurs



ORDER REFERENCES



PART NUMBER	DESCRIPTION
PE1800XS	Alarm receiver over ISDN including software and hardware + ISDN 2 channels card
PE1800IP-S	Alarm and images receiver software only
IST-SL	Technical server software (Linux version)
TC20E-S	Total Connect 2.0E software including API toolbox and two languages
TC20E-LL	Additional language: this language will be available to the end user at login
SERVER-1	Hardware server for PE1800IP-S (Dell R420 1.8 GHz « Dual Core », 32 GB RAM, Raid 1 2*1TB or equivalent)
INST-1	Full installation, settings and tests of an IST or backup installation of an existing system
INST-2	PE1800 full installation, settings and tests
CONTMAI	Service & maintenance contract: 1. Available in connection mode - consult us 2. VMware ESXi5.1 License required for operation is not provided by Honeywell - please contact us for more information




The wireless sensors range allows Honeywell to offer a single range of wireless solutions to suit all applications, from residential to large commercial installations allowing wireless security to be fully exploited for commercial environments.

Wireless Motion Sensors

Honeywell's trusted and versatile FlexGuard® glassbreak sensors are among the toughest in the industry providing reliable protection for glass areas which are most vulnerable to attack. Seismic and shock sensors complement the range of wired sensors and are compatible across the Galaxy range.

	PART NUMBER	DESCRIPTION	RANGE	PET IMMUNITY	BATTERY LIFE	TECHNOLOGY	DUAL PROTOCOL	CLASS
	DT8M	Wireless DUAL TEC® motion sensor with optional pet tolerance	15m x 18m range with wide angle lens installed, 11m x 12m range with pet immune lens supplied	Up to 45 kg	3.5 years in V2GY mode; 5 years in ALPHA mode	K-band microwave technology CE, PD6662, EN 50131-1 and EN 50131-2-4, Security Grade 2, Environmental Class II	X	X
	IRPI8M / IR8M	Passive infrared detector with optional pet-immunity	11 x 12m detection range Bi-Directional RF communications	Selectable pet immunity (0, 18 or 36 kg) available on IRPI8M only	>4.5 years Domonial, >3 years Galaxy	Patented Look-down Mirror available on IR8M only. 10 minute Auto test with active LED Advanced dual slope temperature compensation Selectable pulse count and sensitivity Front & rear tampers	Dual Protocol for compatibility with Galaxy Dimension, Galaxy Flex and G2 systems and Domonial systems	EN/ TS50131-2-2, EN50131-5-3:2005, Grade 2, Environmental Class II


Wireless Shock Sensors

	PART NUMBER	DESCRIPTION	RANGE	COMPATIBLE	BATTERY LIFE	SENSITIVITY	MOUNTING	CLASS
	SHK8M SHKC8M SHKC8M2	Wireless Piezo Shock Sensor	Radius range of 2.5m (depending on the type of mounting surface)	Galaxy Dimension, Galaxy Flex, G2 and Domonial panels	5 years in ALPHA mode; 4 years in V2GY mode	Sensitivity settings by potentiometer and DIP switch	Front cover and wall mounting tampers	CE; EN50131-5-3:2005, EN50131-2-6, Security Grade 2, EN50131-1, Environmental Class II


ORDER REFERENCES

PART NUMBER	DESCRIPTION
SHK8M	Wireless shock sensor (white)
SHKC8M	Wireless shock sensor with magnetic door contact (white)
SHKC8M2	Wireless shock sensor with magnetic door contact (brown)


Wireless Glassbreak Detector

	PART NUMBER	DESCRIPTION	RANGE	SENSITIVITY	BATTERY LIFE	COMPATIBLE	TAMPER	CLASS
	FG8M	Wireless acoustic glasbreak detector using FlexCore™ and FlexGuard technologies Protect all types of glass up to 14 mm (plate, tempered, laminated, wired, coated, sealed insulating)	7.6m	Four sensitivity levels (7.6m - 4.6m - 3m - 1.5m)	6 years in V2GY mode; 7 years in ALPHA mode	Galaxy Dimension, Galaxy Flex, G2, and Domonial panels	Front cover and wall mounting	CE; EN50131-1, EN50131-5-3, Grade, 2 Environmental Class II


Wireless Flood Detector and Temperature Sensor

	PART NUMBER	DESCRIPTION	TECHNOLOGY	TEMPERATURE	BATTERY LIFE	COMPATIBLE	TAMPER	CLASS
	DET8M	Temperature sensor (built-in) Cold: 8°C (adjustable from 2°C to 14°C) Hot: 26°C (adjustable from 20°C to 32°C)	Alarm signalling within 10 minutes Flood probe (one FP280 supplied) with alarm signalling within 60 seconds	Temperature external probe (T280R optional) Freezer: -12°C (adjustable from -18°C to -6°C) Refrigerator: 11°C (adjustable from 2°C to 20°C) Alarm signalling within 10 minutes	6 years in V2GY mode; 7 years in ALPHA mode	Galaxy Dimension, Galaxy Flex, G2 and Domonial panels	Front cover and wall mounting	CE; EN50131-1, EN50131-5-3, Grade, 2 Environmental Class II


Wireless Door/Window Contact

	PART NUMBER	DESCRIPTION	POWER SUPPLY	COMPATIBILITY	BATTERY LIFE	COLOURS	TAMPER	CLASS
	DO800M / DO800M2	Door/window compact magnetic contact 'Alpha' radio protocol	1 battery LI03V (supplied)	Galaxy Dimension, Galaxy Flex, G2, and Domonial	5 years	White DO800M, Brown: DO800M2	Opening and wall mounted	EN50131-1 Security Grade 2, Environmental Class II

Wireless Smoke Detector

	PART NUMBER	DESCRIPTION	SOUNDER	DETECTION	BATTERY LIFE	COMPATIBLE	POWER SUPPLY	DIMENSIONS / CLASS
	DF8M	Wireless Smoke sensor with built-in sounder	85dB @ 3m room layout)	Detection 100m ² (coverage area may vary depending on room layout)	5 years	Compatible with Galaxy Dimension, Galaxy Flex, G2 and Domonial panels	1 battery LI03V (supplied)	135 x 58 mm (Ø x h) EN14604/ CE CPD

Wireless Carbon Monoxide Detector

	PART NUMBER	DESCRIPTION	RANGE	BATTERY LIFE	COMPATIBLE	DIMENSIONS	CLASS
	CO8M	Electrochemical sensor	Piezoelectric siren 85dB(A) at 3m	Up to six year life	Compatible with Galaxy Dimension, G2 Flex and Domonial panels	Dimensions (L x W x H): 120 x 105 x 45 mm	Meets BS EN 50291-1:2010 standard





Wired Sensors and Sirens



The Honeywell range of internal motion detectors offers a simple, reliable and cost effective solution to meet the requirements of most installation needs.







The full range of wired sensors includes Grade 2 and Grade 3 PIR and K-band DUAL TEC® sensors, in wall ceiling or flush mount versions and quad, pet tolerant, anti-masking, and temperature compensation options.

Security Grade 3 Motion Sensors

	PART NUMBER	DESCRIPTION	RANGE	POWER	DUALCORE™ & TAMPER	TECHNOLOGY & DIAGNOSTICS	TEMPERATURE	RELAY
	DT900AM-UK	Intellisense DUAL TEC® Dual technology detector	27m x 21m - 15m x 12m (selectable to 15m x 12m)	10~15V DC, 50mA @ 12V DC	Advanced DualCore™ Signal Processing Cover and pry-off tamper switch	X-Band technology, frequency: 10,687 Ghz	Operating temperature: -10°C to 49°C	Separate trouble relay
	DT906AM-UK	Intellisense DUAL TEC® Dual technology detector	61m x 6m - 37m x 3m (selectable to 37m x 3m)	10~15V DC, 50mA @ 12V DC	Advanced DualCore™ Signal Processing Cover and pry-off tamper switch	X-Band technology, frequency: 10,687 Ghz	Operating temperature: -10°C to 49°C	Separate trouble relay
	DT7550UK2	Intellisense Anti-Mask DUAL TEC® Dual Technology Detector with MaskAlert™	14m x 18m	7,5~16V DC, 25mA @ 12V DC	Advanced DualCore™ Signal Processing	K-Band technology Concurrent diagnostics	Operating temperature: -10°C to 55°C	Separate trouble relay
	IS3016A	PIR Motion Sensor with Anti-Mask	16 x 22m	Current 0.6 mA @ 12V DC	Cover and pry-off tamper switch	X-Band technology, frequency: 10.525 Ghz	Operating temperature: -10°C to 55°C	Separate trouble relay

Security Grade 2 Motion Sensors

Honeywell has a wide range of Security Grade 2 motion sensors including PIR and DUAL TEC® options to complement the Galaxy Flex and G2 ranges of hybrid control panels.




	PART NUMBER	DESCRIPTION	RANGE	DUALCORE™ & POWER	MICROWAVE PATTERN	TECHNOLOGY	TEMPERATURE & DIAGNOSTICS	TAMPER
	DT7450EOL	Intellisense DUAL TEC® Dual technology detector	15m x 18m detection range	Advanced DualCore™ signal processing	Adjustable microwave pattern to suit room size	K-band technology, 5mA@12VDC. Built in EOL. Remote LED enable/disable. Optional fault loop	Operating temperature -10°C to 55°C	Back tamper protection (usually only available on Grade 3)
	DT7435UK2	Intellisense DUAL TEC® Dual Technology Detector with Pet Immunity to 45 kg	11m x 11m detection range	Advanced DualCore™ signal processing	Digital adaptive microwave threshold	K-band technology	Concurrent diagnostics	✗
	DT7360UK	Intellisense Ceiling Mount DUAL TEC® 360 Degree Field Of View Mirror Technology Pir	360° - 15m diameter	✗	✗	DUAL TEC® K-Band sensor	EN50131-1 Security Grade 2, Environmental Class II	✗
	IS215TCE/ IS215TCE-MIC	Intellisense Passive Infrared Motion Sensor Compact size	12m x 12m	Power requirements: 8.5~15.4V DC, 16mA @ 12V DC	✗	Zero clearance bug guard. Patented look-down mirror	✗	Tamper switch
	IS215TQ	Intellisense Passive Infrared Quad Element Motion Sensor	12m x 12m	Power requirements: 8.5~15.4V DC, 16mA @ 12V DC	✗	Quad Motion Technology	Operating temperature -10°C to 55°C	Tamper switch
	IS216T-CUR	Compact size for discrete mounting	0m x 1m PIR detection range Sealed optics for high reliability detection	✗	✗	Selectable LED operation. Multiple mounting modes (vertical or horizontal)	Operating temperature -10°C to 55°C	Tamper switch

ORDER REFERENCES




PART NUMBER	DESCRIPTION
IS215TCE	PIR with dual slope temperature compensation
IS215TCE-MIC	PIR with dual slope temperature compensation and built in microphone to facilitate alarm verification
IS215TQ	PIR with quad element
IS216T-CUR	Curtain passive infrared motion sensor

Wired Sensors and Sirens

Sirens

	PART NUMBER	DESCRIPTION	SOUNDER LEVEL	LENS COLOUR	POWER SUPPLY	BATTERY LIFE	FRONT & REAR ANTI-TAMPER	DIMENSIONS
	AG6WB	ActiveGuard External Siren	110dB @1m	White/blue White/amber	12-14,5V DC	6.0V, 280 mAhr Nicad	Wall and cover tamper protected	300 x 200 x 55 mm (h x w x d)
	AG8WB	ActiveGuard External Siren	116dB @1m	White/blue White/amber	12-14,5V DC	6.0V, 280 mAhr Nicad	Wall and cover tamper protected	300 x 200 x 55 mm (h x w x d)
	SP20ST	Indoor siren	94.4dB @1m	No lens	9-18V DC	Not available	Cover tamper protected	110 x 95 x 46 mm (h x w x d)



Smoke Sensors

	PART NUMBER	DESCRIPTION	POWER SUPPLY	BATTERY LIFE	COMPATIBLE	DIMENSIONS
	ECO1002-A	Combination Optical / Thermal Smoke Sensor (58°C)	8-30V DC	Not available	All Honeywell control panels	40 x 9 mm (h x diam)
	ECO1003-A	Optical Smoke Sensor	8-30V DC	Not available	All Honeywell control panels	40 x 9 mm (h x diam)
	ECO1005-A	Combination Rate-of-Rise / Thermal (58°C) Smoke Sensor	8-30V DC	not available	All Honeywell control panels	40 x 9 mm (h x diam)





ACCESSORIES

PART NUMBER	DESCRIPTION
ECO1000BREL12L	PIR with dual slope temperature compensation
ECO1000BREL12NL	PIR with dual slope temperature compensation and built in microphone to facilitate alarm verification


Water Detector and Temperature Sensor

	PART NUMBER	DESCRIPTION	TECHNOLOGY	TEMPERATURE	COMPATIBLE	DIMENSIONS
	TS300	Dual temperature sensor	Monitor the temperature at the unit and at a remote location (using a T280R) simultaneously	- 0° to 60°C - With T280R probe: -40° to +60°C	All Honeywell control panels	102 x 66 x 23 mm (h x w x d)
	470-12	Water sensor	Designed to allow water or any conductive non-flammable liquid to be detected (Includes one remote water probe 470PB)	-5° to 55°C	All Honeywell control panels	57 x 101 x 70 mm (470-12) 25 x 51 x 13 mm (470PB) (h x w x d)

Glassbreak Sensors

	PART NUMBER	DESCRIPTION	RANGE	SENSITIVITY	GLASS	TECHNOLOGY	POWER	TAMPER
	FG1625TAS	FlexGuard Glassbreak Detector	7.6m - 360° (adjustable range up to 7.6m)	Selectable	All glass types	Mount anywhere, surface mount design	Power requirements: 6~18V DC, 12mA @ 12VDC	✓
	FG1615T	FlexGuard Glassbreak Detector	4.6m maximum, omnidirectional no minimum range	Selectable	All glass types	Mount anywhere, surface mount design Compatible with the FG701 Glassbreak simulator	Power requirements: 6 ~ 18 VDC, 12mA typical @ 12 VDC	✓
	FG1025Z	Glassbreak Detector with Exclusion Zone	7.6m range / no minimum range	Four adjustable sensitivity settings	All glass types	Patented Time-of-Arrival processing with dual microphones improves false alarm immunity in its 'Exclusion Zone'	Remote test mode activation 18 VDC, 12mA typical @ 12 VDC	✓
	FG701	Glassbreak Simulator	Up to 4.6m	✗	All glass types	Compatible for testing all Honeywell glassbreak detectors	✗	✗

Seismic Sensors

	DESCRIPTION	REMOTE TEST OPTIONS	INTEGRATED TEMPERATURE ALARM	SMALLEST SENSOR ON THE MARKET	TECHNOLOGY	POWER	REMOTE TEST ELECTRONICS
	Universal seismic sensor which can be used to protect vaults, strong rooms, doors, fixed ATMs, safes and other solid structures.	✓	✓	✓	Easy to set with diagnostic LED ATM/vault selection by switch	Low current consumption	Remote test electronics or test with external test transmitter




ORDER REFERENCES

PART NUMBER	
SC100	Seismic sensor for safes, vaults, ATMs, night deposit safes
SC105	Seismic sensor for portable ATMs, ticket/vending machines etc
SC110	Mounting plate
SC111	Movable mounting kit
SC112	Keyhole protection kit
SC113	Internal test transmitter
SC114	1.80m armed cable kit (8 wires)
SC115	External test transmitter
SC116	Wall recess mounting kit
SC117	Floor recess mounting kit
SC118	Spacer for SC112

Wired Sensors and Sirens

Viper Shock Sensors

The Viper perimeter products offer an extensive range of shock sensors tailored to the needs of both the installer and the end user. When it comes to Perimeter Protection, Viper has become a "household name" accepted by all as the market leader with over two million units fitted worldwide.

	PART NUMBER	DESCRIPTION	WALK TEST	SENSITIVITY	5MA QUIESCENT	TECHNOLOGY	FIRST TO ALARM CAPABILITY
	VIPER GLX	ASIC controlled shock sensor	Walk test facility LED can be left to flash for deterrent if desired/held off or controlled remotely	Dual sensitivity control, auto reset of relay contacts	✓	Switch selectable patented Double Knock and Remote LED reset option	✓
ORDER REFERENCES							
PART NUMBER		DESCRIPTION					
PC.09000.20		Viper GLX White					
PC.09000.50		Viper GLX Brown					
	VIPER GL	ASIC controlled shock sensor	Walk test facility LED can be left to flash for deterrent if desired/held off or controlled remotely	Dual sensitivity control, auto reset of relay contacts	✓	Switch selectable patented Double Knock and Remote LED reset options via link	✓
ORDER REFERENCES							
PART NUMBER		DESCRIPTION					
PC.09003.20		Viper GL White					
PC.09003.50		Viper GL Brown					
	VIPER GLX + Contact	ASIC controlled shock sensor with integral door contact fitted within the alarm loop	Walk test facility LED can be left to flash for deterrent if desired/held off or controlled remotely	Dual sensitivity control, auto reset of relay contacts	✓	Switch selectable patented Double Knock and Remote LED reset options via link	✓
ORDER REFERENCES							
PART NUMBER		DESCRIPTION					
PC.09004.20		Viper GLX White with contact					
PC.09004.50		Viper GLX Brown with contact					



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