

INNOVATIVE ACCESS CONTROL, INTRUSION & VIDEO PRODUCTS



PRODUCT SHOWCASE v16





Honeywell



CONTENTS

VIDEO SURVEILLANCE SYSTEMS

	Video Management System	8-9
	Network Video Recorders (NVRs)	10-13
	Hosted Video Surveillance	14-15
	Performance Embedded NVRs	16
	Performance Hybrid DVRs	17
	Software for eNVRs & DVRs	18

IP CAMERAS: EQUIP® SERIES

	equiP Series mounts and brackets	30-31
--	----------------------------------	-------


IP CAMERAS: 30 SERIES

		32-33
--	--	-------

IP CAMERAS: PERFORMANCE SERIES

		34-37
--	--	-------


HIGH QUALITY ANALOGUE CAMERAS

	Performance Series mounts and brackets	42-43
--	--	-------


VIDEO ANALYTICS

ACCESS CONTROL SYSTEMS


ACCESS CONTROL

	Stand-alone, Web-hosted Access Control	49
--	--	----


SOFTWARE FOR ACCESS CONTROL AND INTEGRATED SYSTEMS

	WIN-PAK Software Family	50
	WIN-PAK 4.7 for Galaxy	51
	Integrated Access Control, Video and Intrusion	52


MANAGED ACCESS CONTROL

	WIN-PAK Central Station	53
--	-------------------------	----

GLOBAL READERS



	OmniAssure Touch	56-57
	luminAXS	58-59

CARDS, READERS AND ACCESSORIES


	Proximity Readers	60-61
	Smart Card Readers	62-63
	Smart Credentials	68-69
	24 Multi Technology Readers	70-72

INTRUDER DETECTION SYSTEMS

COMMERCIAL AND SMALL OFFICE/HOME OFFICE INTRUDER CONTROL PANELS


	Galaxy® Dimension	75-76
	Galaxy User Manager – WIN-PAK for Galaxy	77
	Galaxy® Grade 2	78-79
	Galaxy® Flex+	80-81

GALAXY SYSTEMS ACCESSORIES

	Galaxy Accessories Compatibility	82
	GX Remote Control App	83
	Galaxy TouchCenter Plus	84-85
	Galaxy User Interfaces	86-87
	Galaxy Modules & Accessories	88-91

	MAXPRO Cloud	92-93
--	--------------	-------

SENSORS

	Wireless Sensors	94-96
	Wired Sensors	97-104

WIRED SIRENS


		105
--	--	-----

ADPRO PRO E PIR

		106-107
--	--	---------

HIS INTEGRATORS ONLY

PRO-WATCH

	Pro-Watch Ecosystem	109
	Pro-Watch® 4.3.5 Security Management	110-111

SECURITY SYSTEMS FOR EVERY NEED...



VIDEO SURVEILLANCE SYSTEMS

6-47

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

48-73

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

74-107

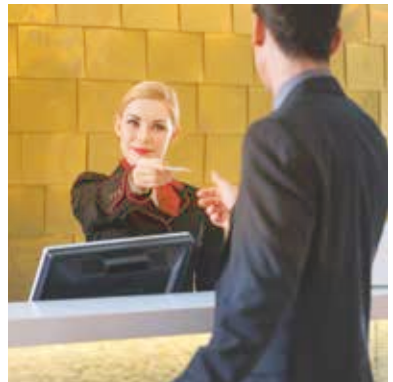
Honeywell is the pioneer of many developments in this area, our systems are built on the latest technologies and range from basic intruder alarms to fully integrated intrusion and door control installations. Our systems are entirely flexible and whether wired or wireless our hybrid solutions are suitable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



PRO-WATCH (HIS INTEGRATORS ONLY) 109-111

Honeywell's Pro-Watch® equips organisations with the right tools to protect people, secure assets and ensure regulatory compliance by combining access control, digital video, intrusion and other functions into one powerful system.

The Pro-Watch® suite offers base software licenses that address security needs from small sites to global enterprises.



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

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 analog(ue) cameras and digital and network video recorders, through to intelligent video analytics and sophisticated video management systems.

Solutions for Enterprises
Solutions for SMB

CONTENTS

Video Management System	8-9	<input checked="" type="checkbox"/>
MAXPRO® VMS		
Network Video Recorders (NVRs)	10-11	<input checked="" type="checkbox"/>
• MAXPRO® NVRs and MAXPRO Viewer	12-13	
• ADPRO® NVRs		
Hosted Video Surveillance	14-15	<input checked="" type="checkbox"/>
MAXPRO® Cloud 2.0		
Performance Embedded NVRs	16	<input checked="" type="checkbox"/>
Performance Hybrid DVRs	17	<input checked="" type="checkbox"/>
Software for eNVRs & DVRs	18	<input checked="" type="checkbox"/>
IP Cameras: equiP® Series	19	<input checked="" type="checkbox"/>
• IR Mini-Domes & Micro-Domes	20	
• Rugged IR Mini-Domes	21	
• Box Cameras	22	
• IR Rugged Bullet Cameras	23	
• Accessories	23	
• Fisheye IR Cameras	24	
• Multi-Imager Cameras	25	
• Hazardous environments cameras	26-27	
• PTZ Cameras	28-29	
equiP Series mounts and brackets	30-31	<input checked="" type="checkbox"/>
IP Cameras: 30 Series	32	<input checked="" type="checkbox"/>
• IR Rugged Dome	32-33	
• IR Bullet Cameras	32-33	
• IR Ball Cameras	32-33	
• IR Fisheye Camera	32-33	
IP Cameras: Performance Series	34	<input checked="" type="checkbox"/>
• IR Ball Cameras	34-35	
• IR Rugged Dome	36-37	
• IR Bullet Cameras	36-37	
• PTZ Cameras	36-37	
High Quality Analog(ue) Cameras	38	<input checked="" type="checkbox"/>
• Rugged Dome	39	
• PTZ Camera	39	
• Bullet Camera	40	
• Ball Camera	40	
• Box Camera	41	
• PIR Camera	41	
• Temperature & Humidity Camera	41	
• Pin-Hole Camera	41	
• Fisheye Camera	41	
Performance and 30 Series mounts/brackets	42-43	<input checked="" type="checkbox"/>
Video Analytics	44-45	<input checked="" type="checkbox"/>
Learn more about:		<input checked="" type="checkbox"/>
• GDPR	46	
• Cybersecurity	47	



Download our free "Cameras & NVRs" App
All our video products on your device...

or visit:

<https://www.security.honeywell.com/or>
<https://www.security.honeywell.com/uk>

PROTECTION AND PEACE OF MIND FROM HONEYWELL

There's a Honeywell Security system for every lifestyle, budget and need, and it does more than keep you and your employees safe and secure. With our extensive technology portfolio, experienced team and trusted brand, we are recognised as the "partner of choice" within the security industry.

Here are a few reasons why:

• Truly Global Footprint

Honeywell Security operates directly in 100+ cities worldwide providing local support to our customers. Our products are available globally through a network of trained and certified system integrators, installers and distributors. Through a highly selective process, we choose only the most qualified security partners to join our elite program/dealer network..

• Product Quality

At a product level, Honeywell's CCTV range was specifically designed to meet the stringent needs of the global CCTV market and be fully compliant with all local regulatory requirements in the markets our products are sold in, eg. CE, UL etc...

• Integrated Solutions

Honeywell is the leading connected building solution integrating all of our products into a comprehensive and robust platform.. This enables significant efficiencies for end users and system operators by helping to reduce the total cost of ownership across multiple electronic low voltage systems..

• Scalable Systems – A Solution for Every Need

Honeywell offers connected solutions for all situations starting with standalone systems for small and medium businesses all the way up to large multi-site critical infrastructure projects. Whether you are a small business or the largest commercial enterprise, Honeywell has the right security solution for you.

• Long Term Presence

Honeywell Security is one of the largest suppliers of electronic security products in the world. Through an intimate understanding of customer needs and decades of experience, Honeywell remains the leading trusted supplier within the security industry..

• New Product Development

Honeywell Security is transforming the way the world works through relentless innovation and product development.. You can be confident that our products will have a long and effective working life..

• Single Source Of Supply

Honeywell delivers integrated solutions to help make buildings smarter, keeping the people and assets inside them safer. In addition to video surveillance systems, Honeywell offers Intrusion systems, Access control, Fire, Public Address/Voice Alarm, Building Management systems and others to create a truly Connected Building for end users. This allows end users to buy all of their systems from a single vendor for added convenience, reliability and interoperability for end to end support..

• Cyber Security

At Honeywell, we take Cyber Security very seriously and ensure all new and existing products are continually maintained to ensure the highest levels of cyber security to protect our customers from any known vulnerabilities.

• Code of conduct

Honeywell is committed to observing the highest levels of ethics in all our business transactions.

MAXPRO® VMS

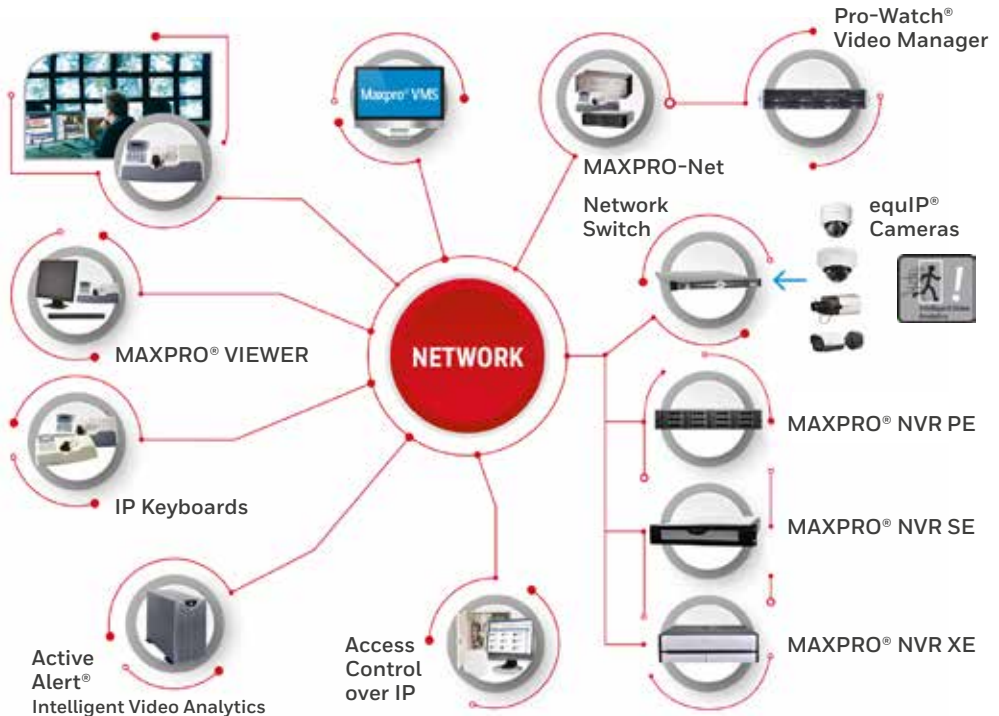
Video Management System

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



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.



Smarter Video, Smarter Decisions with Active Alert® Video Analytics

MAXPRO VMS offers the option of adding 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.



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 NVR is scalable for the future as the needs of your customers grow. Our 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 our comprehensive IP camera portfolio 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.



MAXPRO® NVRs

Network Video Recorders

From entry to enterprise, Honeywell's family of network-based boxed NVRs include a Professional Edition (PE), Standard Edition (SE) and Xpress Edition (XE). 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.



MAXPRO® NVRs

Open and easy to integrate

- Integrates with all Honeywell IP cameras
- H.265 compression
- Support for ONVIF Profile S, G & Q, PSIA
- Compatible with ESI Video Alarm receiver

Easy to Install and Use

- Pre-installed with all software and pre-licensed for up to 128 Channels (except SW)
- Easy 3-Click wizard for a quick installation
- Learn one, know all – common feature rich user experience across MAXPRO NVR family and MAXPRO VMS / Viewer and “MAXPRO NVR” mobile App

Scalable Integrated Security Solution

- Multiple MAXPRO NVRs deployed for system expansion using a distributed architecture and integrated with the MAXPRO Viewer multi-site software or MAXPRO VMS enterprise video management system
- Integrates with Honeywell WIN-PAK and Pro-Watch Access Control Systems

Flexible NVR Hardware

- Provides the processor and storage enclosure in one chassis, resulting in both space and cost savings
- Rack mountable with up to 12 removable drives

VERSION	DESCRIPTION	IP CHANNELS (STREAMS)	COMPRESSION	STORAGE	PERFORM	POWER SUPPLY
MAXPRO NVR PE (Rev C)	32/48/64/128-Channel Enterprise NVR	Up to 128 IP Channels (256 Streams)	H.265, H.264, MPEG-4, MJPEG	Up to 120TB (RAID5) or 109TB (RAID 6)	Up to 3840 fps @ 1080p (4 Mbps bitrate)	2x750W (Redond.)
MAXPRO NVR SE (Rev C)	16/32/64-Channel NVR	Up to 64 IP Channels (128 Streams)		Up to 60TB	Up to 1280 fps @ 1080p (4 Mbps bitrate)	1 x 400W
MAXPRO NVR XE (Rev C)	8/16-Channel Entry Level NVR	Up to 16 IP Channels (32 Streams)		Up to 20TB	Up to 480 fps @ 1080p (4 Mbps bitrate) HD	1 x 300W
MAXPRO NVR SOFTWARE ONLY	Network Video Recording Solution	Up to 128 IP Channels (256 Streams)		N/A	Up to 3840 fps @ 1080p (4 Mbps bitrate)*	N/A

*: Intel® Core™ i7-7700, 3.6 GHz or higher



MAXPRO NVR

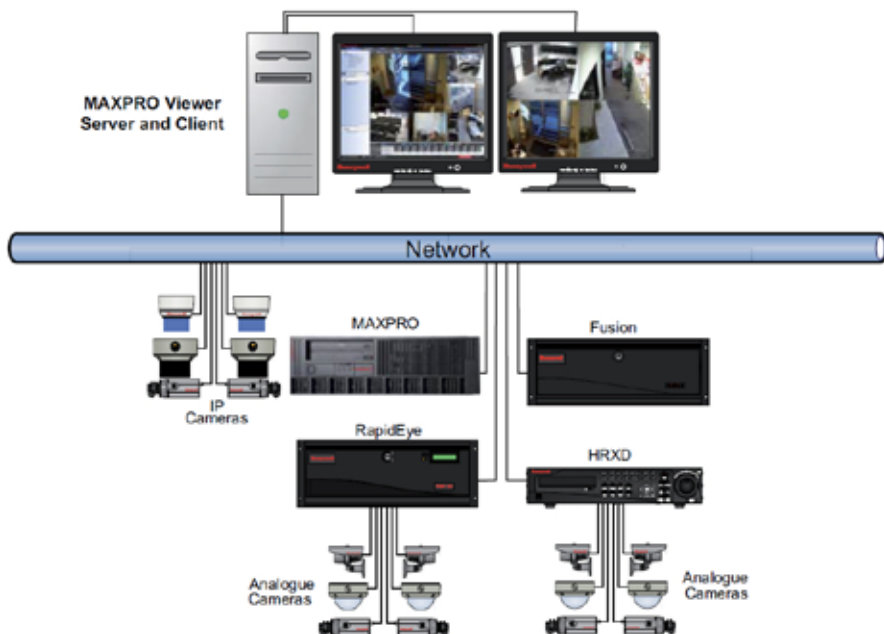
Mobile App

Available for iOS and Android devices



MAXPRO® VIEWER

MAXPRO Viewer is a software application that allows multi-site viewing of Honeywell recorders including MAXPRO® NVRs and previous products that could already be in place. These recorders may be grouped into sites and viewed simultaneously through salvos and on multiple monitors. This creates a single command point where video and events can be viewed from a single user interface through the range of Honeywell recorders.



ADPRO NVRS

Network Video Recorders

ADPRO NVR+ systems running the XO 4 Security+ Operating System are the security industry's most powerful solutions and threat prevention solutions.



ADPRO iFT™ Gateway

XO-enabled NVR+ with Full Remote Monitoring

The iFT Gateway is a member of the ADPRO XO 4 Security+ Operating System enabled product family, and delivers ADPRO reliability and features in a low-cost IP video remote alarm transmission platform. This IP video multi-service platform offers full remote monitoring features such as arming/disarming, event quad pictures with the most reliable and secure transmission of alarms unlike competitive solutions that rely on insecure email transmission of alarms.



ADPRO iFT™

Remotely Programmable NVR+

The ADPRO iFT is the series' entry model, offering up to 32 IP channels that scales up to 16 IP channels with 16 analytic channels. This IP video multi-service platform runs the powerful XO 4 Security+ Operating System*. It is the only NVR out there that offers full remote monitoring features such as arming/disarming, event quad pictures, and reliable transmission via a proprietary acknowledge protocol. The iFT optimises bandwidth use for high quality recording by multistream camera connections, adapting video transmission to the available bandwidth.



ADPRO® FastTrace™ 2E

Remotely Programmable NVR+

The ADPRO FastTrace 2E is the best-in-class video recording and alarm transmission solution available. It runs the latest ADPRO XO Security+ Operating System, to create a powerful NVR+ platform. The NVR is scalable up to 32 video channels, of which 4 to 20 analogue channels, expandable with up to 32 IP channels*. Furthermore, up to 32 analytic channels are possible.



ADPRO iFT-E

Remotely Programmable NVR+

The ADPRO iFT-E is the "32:32 vision" IP video multi-service platform that runs the powerful XO 4 Security+ Operating System*. It is the only NVR out there that offers full remote monitoring features such as arming/disarming, event quad pictures, and reliable transmission via a proprietary acknowledge protocol. The iFT-E optimises bandwidth use for high quality recording by multistream camera connections, adapting video transmission to the available bandwidth.

ADPRO XO4

Security+ Operating System

ADPRO XO 4 is a 4th generation Security+ Operating System designed for ADPRO NVR+ systems, including the iFT Gateway, FastTrace 2E, iFT, & iFT-E. XO 4 provides live 24/7 unbreakable transmission of very high quality video events to remote monitoring stations; providing deterrence through multi-level response, including audio, lighting/door controls, as well as first responder dispatch. Facilities deploying XO on an ADPRO NVR+ can realize greater protection and significant cost savings versus human guards.



FEATURE		FT Gateway	FastTrace 2E	iFT	iFT-E
IP Camera Channels	4	✓	✓	—	—
	8	—	—	✓	—
	10	—	✓	✓	✓
	12	—	✓	✓	✓
	16	—	✓	✓	✓
	20	—	✓	✓	✓
	32	—	✓	✓ (no VCA)	✓
Analogue Cameras (Hybrid)		—	Up to 20 Channels	—	—
Analogue Cameras over IP		Up to 4	Up to 32 [†]	Up to 32 [†]	Up to 32 [†]
IP Channels Configuration		4 IP with option to add 4 Analytics	Up to 32 IP with up to 32 Analytics	Up to 32 IP or 16 IP with 16 Analytics	Up to 32 IP with up to 32 Analytics
Embedded Video Content Analytics	IntrusionTrace	✓	✓	✓	✓
	LoiterTrace	✓	✓	✓	✓
Max Storage Capacity		32 GB SD Card (Minimum Required)	40 TB (4 HDD)	30 TB (3 HDD)	40 TB (4 HDD)
I/O on the Box		20 In / 8 Out*	40 In / 16 Out	8 In / 4 Out***	8 In / 4 Out***
Network I/O **		128 In / 128 Out	128 In / 128 Out	128 In / 128 Out	128 In / 128 Out

[†] Up to 32 high-definition analogue cameras over IP via Honeywell Performance Series HQA DVRs

* Via XO I/O Interface USB module

** Monitored or unmonitored inputs depending on Net I/O unit V2 hardware and V2 firmware combined with minimum XO 4.2 firmware on the controlling ADPRO device.

*** An additional 20 In and 8 out if you are using an XO I/O USB interface module

MAXPRO® CLOUD 2.0

Hosted Video Surveillance

ANYTIME, ANYWHERE.

When it comes to security, cloud computing is changing how you can run your business. MAXPRO® Cloud hosted video service features the cloud-ready hybrid video appliance that lets users view live and recorded video over the Internet using a PC, Mac, tablet or Smartphone. It is ideal for entry into video surveillance systems and offers opportunities for installers through hosted video services.



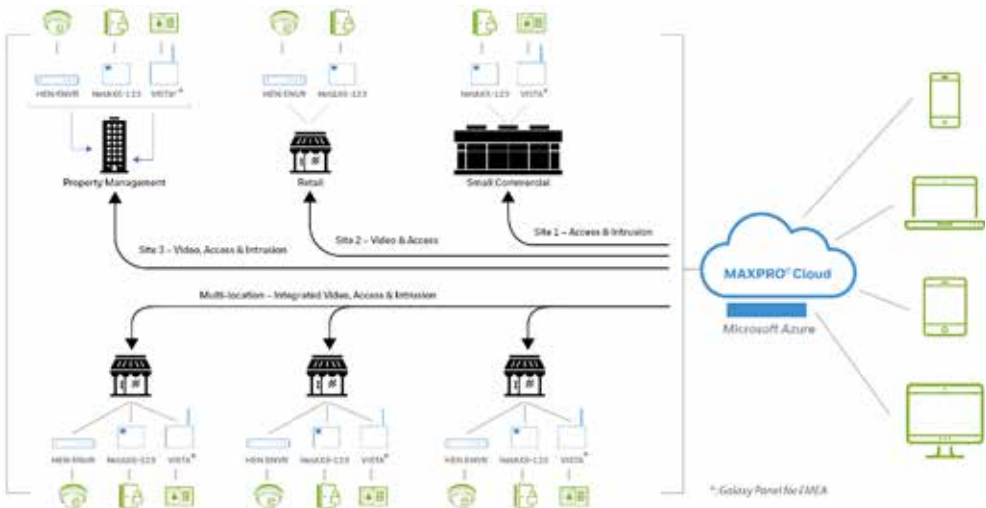
MAXPRO® Cloud: Key Benefits

- 24/7 Cloud-hosted service (Dedicated support team)
- Managed security as a service, Integrated Video, Access and Intrusion
- Health and status of your customer locations
- No servers or software to maintain
- Remote firmware management
- Multi-site deployment and management made easy
- Email and Push Notifications
- Built-in automated customer reporting
- Visual customer site management
- Cloud-ready hardware, not cloud dependent reducing your SKU count
- Plug & Play device, no ports to forward
- Low creation costs improving your cost multiples
- Remote managed services, manage cards, users, concierge
- Remote configuration changes
- Reduced truck rolls
- Proactive maintenance – know before you go
- Customer insight, and loyalty
- Pay for what you use, fully scalable
- Upsell opportunities



MAXPRO Cloud is an ideal solution for multi-location small to medium businesses. Single-sign on to multi-sites allows customers to access and manage their systems from anywhere.

MAXPRO® Cloud: How does it work?



Hardware

Video Recorders



- 4k/8MP NVRs series
- 4MP Hybrid DVRs series

Access Control



- NetAXS 123 panels

Intrusion Panel



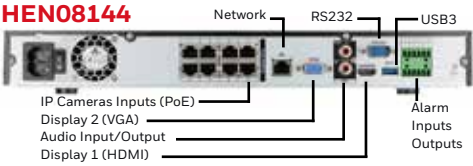
- Galaxy panels series (EMEA)
- Vista panels series (NA)

MAXPRO CLOUD SERVICES - MONTHLY FEES		UP TO 1080P	>1080P UP TO 5MP
For one camera without Cloud storage (free of charge)		MPC-S000	MPC-H000
For any DVR or NVR unit management without Cloud storage	MPC-V000		
For one camera with 7-day storage		MPC-S007	MPC-H007
For one camera with 30-day storage		MPC-S030	MPC-H030
For one camera with 60-day storage		MPC-S060	MPC-H060
For one camera with 90-day storage		MPC-S090	MPC-H090
For one camera with 180-day storage		MPC-S180	MPC-H180
For one camera with 365-day storage		MPC-S365	MPC-H365
For one Intrusion panel	MPC-I000		
For Access Control (by Door)	MPC-A000		

PERFORMANCE SERIES ENVRS

embedded H.265 IP recorders

The Performance 4K Embedded NVR is a Native Integrated Turnkey Video Solution ensuring more efficient / effective safety & security, reduce total cost of ownership, and reduce compliance and liability cost for SMB customers.




		PART NUMBER	RESOLUTION	RECORDING RATE (TOT)	VIDEO OUTPUT	ALARM I/O	AUDIO I/O	PORTS / MAX TB	PoE	SATA/ eSATA	STORAGE
 HENxxx3	4 CHANNEL	HEN04103 *	8 MP (4k) @ 1-15fps	120 fps (1080p)	(4k) 1 HDMI 1 VGA	4/2	1/1	1 x USB3.0, 1 x USB2.0, 1 x RS232, Up to 16TB	4	2/0	no HDD
		HEN04113		80 Mbps							1 TB
		HEN04123									2 TB
	8 CHANNEL	HEN08103 *	6MP/5MP/ 4MP/ 3MP/ 1080p/720p @ 25/30fps	240 fps (1080p)	(4k) 1 HDMI 1 VGA	4/2	1/1	1 x USB3.0, 1 x USB2.0, 1 x RS232, Up to 16TB	8	2/0	no HDD
		HEN08113									1 TB
		HEN08123		200 Mbps							2 TB
		HEN08143									4 TB
	16 CHANNEL	HEN16103 *	..... @ 25/30fps	480 fps (1080p)	(4k) 1 HDMI 1 VGA	4/2	1/1	1 x USB3.0, 1 x USB2.0, 1 x RS232, Up to 16TB	16	2/0	no HDD
		HEN16123									2 TB
		HEN16143		200 Mbps							4 TB
		HEN16163									6 TB
 HENxx1xx4  HENxx2xx4  HENxx3xx4	8 CHANNEL	HEN08104 *	12MP / 8 MP (4k) @ 1-15fps	240 fps	(4k) 1 HDMI, 1 VGA	4/2	1/1	1 x USB3.0, 1 x USB2.0, 1 x RS232 Up to 16TB	8	2/0	no HDD
		HEN08144									4 TB
		HEN08124 *									12 TB
		HEN16104 *									no HDD
	16 CHANNEL	HEN16144	6MP/5MP/ 4MP/ 3MP/ 1080p/720p @ 25/30fps	480 fps	(4k) 2 HDMI, 1 VGA	16/6	1/1	2 x USB3.0, 1 x USB2.0, 1 x RS232 Up to 16TB	16	4/1	no HDD
		HEN16184									8 TB
		HEN16204 *									8 TB
		HEN16284									24 TB
		HEN162244									no HDD
		HEN16304 *									8 TB
		HEN16384									no HDD
		HEN32104 *									12 TB
	32 CHANNEL	HEN321124	..... @ 25/30fps	960 fps	(4k) 1 HDMI, 1 VGA	16/6	1/1	2 x USB3.0, 2 x USB2.0, 1 x RS232 Up to 32TB	16	8/1	no HDD
		HEN32304 *									8 TB
		HEN32384									16 TB
		HEN323164									no HDD
		HEN32204 *									8 TB
		HEN32284									16 TB
		HEN322164									no HDD
		HEN64204 *									no HDD
	64 CHANNEL	HEN64304 *	..... @ 25/30fps	1920 fps	(4k) 2 HDMI, 2 VGA	16/6	1/1	2 x USB3.0, 2 x USB2.0, 1 x RS232 Up to 64TB	16	8/1	no HDD
		HEN643164									16 TB
		HEN643324									32 TB
		HEN643484									48 TB

Embedded NVRs accessories

*: Not available in the US

PART NUMBER	DESCRIPTION
HENHQARC *	IR Remote Control for ENVr and HQA DVR
HEN48VPS4CH *	48VDC Power Adapter for 4CH ENVr
HENHQ12VPS	12VDC/5A Power Adapter for ENVr & HQA DVR
HENHQATRAY	eNVR & HQA DVR Rack Mount Tray for HENxxx3 models
HEN4EC8 *	Storage Expansion Chassis, 8 SATA for HENxx2xx4 and HENxx3xx4 NVRs



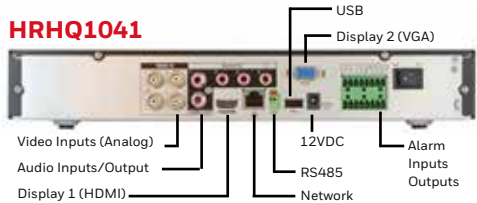
HonView Touch
Mobile App
Available for iOS
and Android devices




PERFORMANCE HQA HYBRID DVRs

Analogue HQA and IP recorders

Our HQA DVRs use an over-coaxial cable analog HD video transmission standard to allow long-distance HD transmission at a lower cost. The Performance Series HQA DVRs are the economic alternative for achieving HD video surveillance while retaining your existing BNC cables and cameras.

- Fully-featured DVRs
- Convenient, Flexible Storage Options
- Dynamic, Accessible Monitoring
- Easy to Use
- Safety Features
- Up to 8MP**



	PART NUMBER	DESCRIPTION	RESOLUTION	RECORDING RATE (TOT)	VIDEO OUTPUT	ALARM I/O	AUDIO I/O	SATA PORTS	STORAGE
	HRHT4040 *	HQA/CVBS/ IP Hybrid DVR, PAL/NTSC	4 MP ** @ 1-15fps, 1080p/720p/ 960H@25/30fps	120 fps (720p) 60 fps (1080p)	1 HDMI, 1 VGA	-	1/1	1	No HDD
	HRHT4041								1 TB
	HRHT4042								2 TB
	HRHQ1040 *	HQA/TVI/ AHD/SD/IP Hybrid DVR, PAL/NTSC	1080p @ 1-15fps, 720p/ 960H... @ 25/30fps	24 Mbps		4/3	4/1		No HDD
	HRHQ1041								1 TB
	HRHT4080 *	HQA/CVBS/ IP Hybrid DVR, PAL/NTSC	4 MP ** @ 1-15fps, 1080p/720p/ 960H@25/30fps	240 fps (720p) 120 fps (1080p)	1 HDMI, 1 VGA	-	1/1	2	No HDD
	HRHT4082								2 TB
	HRHT4084								4 TB
	HRHQ1080 *	HQA/TVI/ AHD/SD/IP Hybrid DVR, PAL/NTSC	1080p @ 1-15fps, 720p/ 960H... @ 25/30fps	48 Mbps		8/3	4/1		No HDD
	HRHQ1081								1 TB
	HRHQ1082								2 TB
	HRHT4160 *	HQA/CVBS/ IP Hybrid DVR, PAL/NTSC	4 MP ** @ 1-15fps, 1080p/720p/ 960H... @ 25/30fps	480 fps (720p) 240 fps (1080p)	1 HDMI, 1 VGA	-	1/1	2	No HDD
	HRHT4162								2 TB
	HRHT4164								4 TB
	HRHT4166								6 TB
	HRHT41612								12 TB
	HRHQ1160 *	HQA/TVI/ AHD/SD/IP Hybrid DVR, PAL/NTSC	1080p @ 1-15fps, 720p/ 960H... @ 25/30fps	96 Mbps		16/3	4/1		No HDD
	HRHQ1162								2 TB
	HRHQ1164								4 TB

How many IP channels can be used?

*: Not available in the US
**: Up to 8 MP on the first channel only

Number of Analogue/IP Channels available on HQA Hybrid DVRs																			
HRHQ104X & HRHT104X	Analogue Channels used	0	1	2	3	4													
	IP Channels remaining	6	5	4	3	2													
HRHQ108X & HRHT408x	Analogue Channels used	0	1	2	3	4	5	6	7	8									
	IP Channels remaining	12	11	10	9	8	7	6	5	4									
HRHQ116X & HRHT416x	Analogue Channels used	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
	IP Channels remaining	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	



HonView Touch
Mobile App
Available for iOS
and Android devices

Additional IP channels cannot be used with MAXPRO® Cloud and no IP channel can be used if face detection is on

HDCS

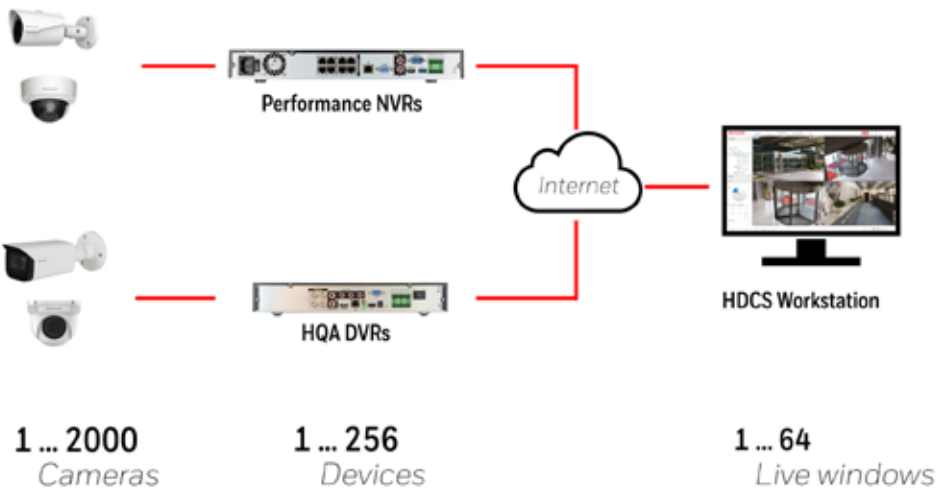
Central Management Software for Performance Series NVRs/DVRs

HDCS is the central management software designed for the Performance Series-IP Embedded NVR and the Performance Series-HQA (High Quality Analog) DVR to connect multiple devices for video surveillance.

Featuring a user-friendly interface, HDCS can be deployed for device add-on, configuration, status monitoring, alarm event checking, video live view and recording, as well as E-map central management system.



System diagram



EQUIP® IP CAMERAS

Offering unlimited possibilities for every installation, Honeywell's equiP 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 intelligent video analytics at the edge on equiP models and the open Video Analytic Framework, Honeywell can deliver improved situational awareness and allow you to customize your solution utilizing additional integrations.

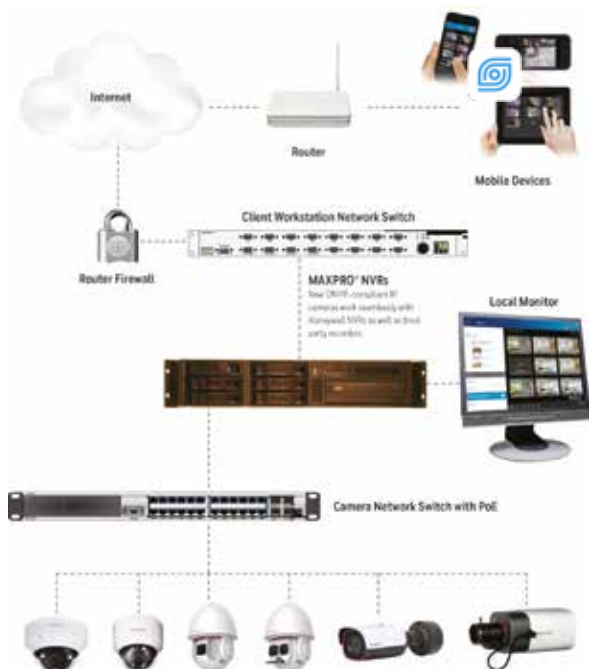


equiP Cameras

We're Focused on the Latest Technologies

Designed with open IP standards, including ONVIF Profile S, G and Q, our equiP 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.

All cameras in the range support powering over PoE. This allows for faster installation time, remote power management for supply, monitoring, and cost saving versus running individual power to each camera. This provides both energy efficient solutions and infrastructure for centralised uninterrupted power backup for critical operations.



EQUIP CAMERAS

IR Indoor Dome IP Cameras

The H3 equIP dome cameras are perfect for indoor installations that require excellent picture quality at minimal bandwidth while offering maximum installation flexibility with three mounting options. Boasting a sleek modern design and offering two different lens options, the cameras are suited for a wide range of applications.



H3W



	H3W2GR2	H3W2GR1	H3W2GR1V	H3W4GR1	H3W4GR1V	H2W2GR1
Resolution	2MP			4MP		2MP
Sensor	1/2.7"		1/2.8"	1/3"		1/2.8"
Best Compression	H.264		H.265+	H.264	H.265+	H.265+
Lens (MFZ)	7~22mm	2.7~12mm	2.7~13.5mm	2.7~12mm	2.7~13.5mm	2.8mm
Angle of View (Horiz)	41°- 18°	99°- 34°	110°-32°	99°-34°	110°-30°	110°
Minimum Aperture	F1.4		F1.6	F1.4	F1.6	F2.0
Minimum Illumination	0.01 lux		0.001 lux	0.01 lux		0.001 lux
Smart IR LEDs range	20m		30m	20m	30m	15m
True WDR	120dB		120dB (?)	120dB	120dB (?)	120dB (?)
Power Input	12VDC / 24VAC / PoE					12VDC / PoE
Consumption (Max)	9W		11W	9W	10.5W	4.4W
Auxillary Power Supply Output	-		12VDC / 2W	-	12VDC / 2W	-
PoE	PoE (Class 0)					PoE (Class 0)
Long distance PoE	100m		300m (?)	100m	300m (?)	100m
Temperature	-30°C +50°C		-30°C +60°C	-30°C +50°C	-30°C +60°C	-30°C +60°C
Video Analytics	See analytics compatibility table					See table
Onvif Profiles	S, G		S, G, Q	S, G	S, G, Q	S, G, Q
Audio	Built-in microphone					Built-in micro
Environmental	IK10 (Bubble only)					IP67/IK10
In-Ceiling bracket supplied	✓					N/A
Other	UL CAP			UL CAP		UL CAP

(?) With Smart Scene Adaptive Technology, (?): 300m support using 3X POE switch

Micro-dome IP Cameras

With Low light, WDR and audio detection capabilities, this camera is the ideal solution for elevator surveillance. It can reduce people waiting time with faster response in case of incident and allows people identification to anticipate potential risks.



H2W

EQUIP CAMERAS

IR Rugged Dome IP Cameras

The H4 equip rugged dome cameras are perfect for outdoor installations that require excellent picture quality at minimal bandwidth while offering maximum protection against dust, dirt, and water. Boasting a sleek modern design and offering up to 4K high definition images, the cameras are suited for a wide range of applications.



	H4L2GR1	H4L2GR1V	H4W2GR1	H4W2GR1V	H4W2GR2	H4W4GR1	H4W4GR1V	H4L6GR2	H4D8GR1
Resolution	2MP				4MP			6MP	12MP
Sensor	1/2.8"		1/2.7"	1/2.8"	1/2.7"	1/3"		1/1.8"	1/7"
Best Compression	H.264	H.265+	H.264	H.265+	H.264		H.265+	H.265	
Lens (MFZ)	2.7~12mm			2.7~13.5mm	7~22mm	2.7~12mm	2.7~13.5mm	4.1~16.4mm	2.7~12mm
Angle of View (Horiz)	102°- 35°	102°- 35°	99°-34°	110°- 32°	44°- 16°	99°-34°	110°-30°	86° – 35°	86°- 35°
Minimum Aperture	F1.4	F1.6	F1.4	F1.6	F1.4		F1.6	F1.53	F1.53
Minimum Illumination	0.005 lux	0.001 lux	0.01 lux	0.001 lux	0.01 lux			0.004 lux	0.02 lux
Smart IR LEDs range	50m								45m
True WDR	140dB	140dB (?)	120dB	120dB (?)	120dB		120dB (?)	Digital WDR	
Power Input	12VDC / 24VAC / PoE								
Consumption (Max)	12W	20.5W	12W	22W	12W		15W	18W	
Auxillary Power Output	-	12VDC-2W	-	12VDC-2W	-		12VDC-2W	-	
PoE	Class 0	Class 4	Class 0	Class 4	Class 0			Class 4	
Long distance PoE	100m	300m (?)	100m	300m (?)	100m		300m (?)	100m	
Temperature	-40°C +60°C								
Video Analytics	See analytics compatibility table								
Onvif Profiles	S, G	S, G, Q	S, G	S, G, Q	S, G		S, G, Q		S, G
Other		UL CAP		UL CAP			UL CAP		UL CAP

(?) With Smart Scene Adaptive Technology , (?) 300m support using 3X POE switch



EQUIP CAMERAS

Box IP Cameras

These box cameras are perfect for installations that require excellent picture quality at minimal bandwidth, with a flexible design that mounts easily to a wall or ceiling. Boasting a sleek modern design and offering up to 4K high definition images, these cameras are suited for a wide range of applications



Lens sold separately



	HCL2G	HCL2GV	HCW2G	HCW2GV	HCW4G	HCD8G
Resolution	2MP				4MP	12MP
Sensor	1/2.8"		1/2.7"	1/2.8"	1/3"	1/1.7"
Best Compression	H.264	H.265+	H.264	H.265+	H.264	H.265
Lens	To be ordered separately - support DC-Iris					
Focus	Auto Back Focus					
Minimum Illumination	0.002 lux	0.001 lux	0.01 lux	0.001 lux	0.01 lux	0.02 lux
True WDR	140dB	140dB (?)	120dB	120dB (?)	120dB	Digital WDR
Power Input	12VDC / 24VAC / PoE					
Consumption (Max)	6.5W	9.5W	6.5W	10W	6.5W	8W
PoE	PoE (Class 0)					
Long distance PoE	100m	300m (?)	100m	300m (?)	100m	
Temperature	-30°C +60°C					
Video Analytics	See analytics compatibility table					
Onvif Profiles	S, G	S, G, Q	S, G	S, G, Q	S, G	
Audio	Built-in microphone					
Other		UL CAP Certified		UL CAP Certified		UL CAP Certified

(?) With Smart Scene Adaptive Technology , (?): 300m support using 3X POE switch

Box Camera Lenses

	PART NUMBER	DESCRIPTION
	HLM27V12MPD (**)	4 MP, 1/2.7", F1.6, 2.7 – 12 mm CS Lens
	HLM37V16MPD	12 MP, 1/1.7", F1.5, 3.7 – 16 mm CS Lens

(**) Not compatible with HCD8G

	PART NUMBER	DESCRIPTION
	HLM5V50MPDE (**)	6 MP, 1/2.7", F1.6, 5 – 50 mm CS Lens
	HLM105V42MPD	12 MP, 1/1.7", F1.5, 10.5 – 42 mm CS Lens
	HLM30V120MPD	12 MP, 1/1.7", F2.2 –2.47 30-120 mm C Lens

EQUIP CAMERAS

IR Rugged Bullet IP Cameras

The HB equip series of IP bullet cameras are perfect for outdoor installations that require excellent picture quality at minimal bandwidth while offering maximum protection against dust, dirt, and water. Boasting a sleek modern design and offering up to 4K high definition images, the cameras are suited for a wide range of applications.




	HBL2GR1	HBL2GR1V	HBW2GR1	HBW2GR1V	HBW2GR3	HBW2GR3V	HBW4GR1	HBW4GR1V	HBL6GR2	HBD8GR1
Resolution	2MP						4MP		6MP	12MP
Sensor	1/2.8"		1/2.7"	1/2.8"	1/2.7"	1/2.8"	1/3"		1/1.8"	1/7"
Compression	H.264	H.265+	H.264	H.265+	H.264	H.265+	H.264	H.265+	H.265	
Lens (MFZ)	2.7-12mm			2.7-13.5mm	5-50mm	5-60mm	2.7-13.5mm		4.1-16.4mm	5.1-12.8mm
Angle of View	97°-34°	102°- 35°	99°-34°	110°- 32°	66°-6.2°	62°- 6°	99°-34°	110°- 30°	86°- 35°	86°- 35°
Min. Aperture	F1.4	F1.6	F1.4	F1.6	F1.4	F1.6	F1.4	F1.6	F1.53	F1.7
Min. Illumin.	0.005lux	0.001lux	0.01 lux	0.001 lux	0.01 lux				0.004lux	0.02 lux
IR LEDs range	60m									65m
True WDR	140dB	140dB (?)	120dB	120dB (?)	120dB	120dB (?)	120dB		Digital WDR	
Power Input	12VDC / 24VAC / PoE									
Consump. (Max)	14.5W	17W	12W	20.5W	12W	17.3W	12W	17.6W	18W	
Power Output	-	12VDC-2W	-	12VDC-2W	-	12VDC-2W	-	12VDC-2W		
PoE	Class 4		Class 0	Class 4	Class 0		Class 4			
Long dist. PoE	100m	300m (?)	100m	300m (?)	100m	300m (?)	100m	300m (?)	100m	
Temperature	-40°C +60°C									
Video Analytics	See analytics compatibility table									
Onvif Profiles	S, G	S, G, Q	S, G	S, G, Q	S, G	S, G, Q	S, G	S, G, Q	S, G, Q	S, G
Other		UL CAP		UL CAP		UL CAP				UL CAP


(*) With Smart Scene Adaptive Technology, (*): 300m support using 3X POE switch

ACCESSORIES

Long distance PoE switch

	PART NUMBER	DESCRIPTION	POWER	COMPATIBILITY	DISTANCE
	HPOE3X+	3X PoE switch, 1 x 100/1000 Base-X Fiber port, 1 x 10/100/1000 Base-T, 4 x 10/100 Base-T (ports 1-3:34W, port 4: 60W)	100-230 VAC / 48VDC 2A power adapter, consumption <4.8W	HBW2GR1V, HBW2GR3V, HBL2GR1V, HBW4GR1V, H4W2GR1V, H4W4GR1V, H3W2GR1V, H3W4GR1V, HCW2GV	up to 300m

IP/Coax converter

	PART NUMBER	DESCRIPTION	POWER	DISTANCE
	HLR1001+	IP to Coax to IP Transmitter and receiver 1x10/100 Mbps Base-TX or RX, 1xBNC	PoE (<2W)	With RG59 coaxial cable: 400m/100Mbps, 1000m/10Mbps

*: Not available in the US

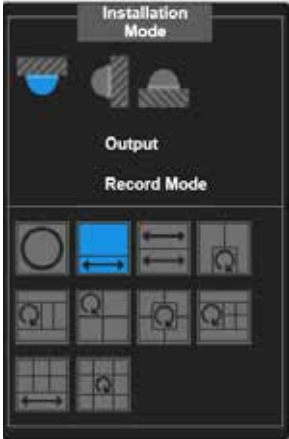
EQUIP CAMERAS

IR Fisheye IP Cameras

These fully featured attractive fisheye cameras are perfect for outdoor installations that require excellent picture quality at minimal bandwidth while offering maximum protection against dust, dirt, and water. Boasting a sleek modern design and offering the widest angle of view possible, the cameras are suited for a wide range of applications.



	HFD6GR1	HFD8GR1
Resolution	6MP	12MP
Sensor	1/1.8"	1/1.7"
Best Compression	H.265	
Lens	1.7mm	1.98mm
Angle of View (Horiz)	185°	
Minimum Aperture	F2.0	F2.8
Minimum Illumination	0.01 lux	
Smart IR LEDs range	8m	
WDR	Digital WDR	
Power Input	12VDC / PoE	
Consumption (Max)	10W	
PoE	PoE (Class 0)	
Temperature	-30°C +60°C	
Video Analytics	See analytics compatibility table	
Onvif Profiles	S, G	
Audio	Built-in microphone	
Other	RJ45 Gigabit, UL CAP Certified	



EQUIP CAMERAS

IR Muti-imager IP Cameras

Ideal for mission critical verticals introducing nuclear and non-nuclear power stations, utility plants and petrochemical complexes, these highly durable cameras are also ideal for high risk business environments such as banking, higher education and commercial offices.



HMBL8GR1



	HM4L8GR1	HMBL8GR1
Resolution	8MP	
Sensors	1/1.9" (x 4)	1/1.7" x 4
Best Compression	H.265	
Lenses	5.0mm (x 4)	1.98mm
Angle of View (Horiz)	180°	
Minimum Aperture	F2.2	F2.8
Minimum Illumination	0.002 lux	
Smart IR LEDs range	30m	
WDR	Digital WDR	
Power Input	24VAC / PoE+	
Consumption (Max)	25W	
Auxillary Power Supply Output	N/A	
PoE	PoE+ (Class 4)	
Long distance PoE support (300m)	N/A	
Temperature	-40°C +60°C	
Video Analytics	See analytics compatibility table	
Onvif Profiles	S, G, Q	
Other	RJ45 Gigabit	



HM4L8GR1



EQUIP CAMERAS

Hazardous and challenging environments cameras

Designed for use in hazardous and challenging environments, Honeywell's explosion-proof and corrosive-proof network cameras features an AISI 316L stainless steel housing to provide maximum protection against deterioration.



HCPB302 *

*: Not available in the US



	HEPB302W01A04 *	HEPB302W01A10 *	HCPB302 *
Resolution	2MP		2MP
Sensor	1/2.8"		1/2.8"
Best Compression	H.265		H.265
Lens	4.5-135mm MFZ		4.5-135mm MFZ
Angle of View (Horiz)	62.35°-2.53°		62.35°-2.53°
Minimum Aperture	F1.6-F4.4		F1.6-F4.4
Minimum Illumination	0.005 lux in colour, 0.0005 lux in B&W		0.005 lux in colour, 0.0005 lux in B&W
WDR	True WDR 120dB		True WDR 120dB
Power Input	12VDC / 24VDC / 24VAC		24 VAC
Consumption (Max)	42W		42W
Armoured Cable	4m	10m	N/A
ATEX-certified	EN 60079-0; EN 60079-1; EN 60079-31		N/A
IECEx-certified	IEC 60079-0; IEC 60079-1; IEC 60079-31		N/A
Temperature	-60°C +65°C		-40°C + 60°C
Video Analytics	See analytics compatibility table		See analytics table
Onvif Profiles	S		S
Housing	AISI 316L stainless steel		AISI 316L stainless steel
Other	Wiper, Electronic Image stabilization (EIS)		EIS



HEPB302W01Axx

Not available in the US,
available in Canada

MODEL	ACCESSORIES		
HEPWS	Washer system kit, 10 L	•	
HCPWM	AISI 316L stainless steel wall mount bracket	•	•
HCPPMA	AISI 316L stainless steel pole mount adapter	•	•
HCPCMA	AISI 316L stainless steel corner mount adapter	•	•
HCPPRM	AISI 316L stainless steel parapet mount bracket	•	
HCPPRMJ	AISI 316L stainless steel parapet mount joint	•	
HCPWK	AISI 316L Stainless Steel Wiper Kit, 24 VAC		•
HCPWSK	Washer System Kit, 24 VAC		•

EQUIP CAMERAS

Explosion-proof PTZ cameras

Honeywell's latest explosion-protected PTZ network camera is a good fit for onshore, offshore, marine, and heavy industrial installations in hazardous and challenging environments. The camera features a 316L stainless steel housing certified for hazardous areas according to ATEX, IECEx, and UL. The housing prevents any interior sparks or explosions from escaping and igniting the gases or dust in the surrounding air. The HEPZ cameras provide extremely crisp video with up to 2 million effective pixels, 30x optical zoom, and True Day/Night WDR for continuous surveillance in both hazardous and safe area applications.



	HEPZ302W0
Resolution	2MP
Sensor	1/2.8"
Best Compression	H.265
Lens	4.5–135mm MFZ
Angle of View (Horiz)	62.35°–2.53°
Minimum Aperture	F1.6–F4.4
Minimum Illumination	0.005 lux in colour, 0.0005 lux in B&W
PAN/TILT	PAN 360° endless, TILT –90° to 90°
WDR	True WDR 120dB
Power Input	24VAC
Consumption (Max)	120W
ATEX-certified	EN60079-0; EN60079-1; EN60079-31
IECEx-certified	IEC 60079-0; IEC 60079-1; IEC 60079-31
Temperature	–40°C +60°C
Video Analytics	See analytics compatibility table
Onvif Profiles	S, Q
Housing	AISI 316L stainless steel
Other	Wiper



MODEL	ACCESSORIES
HEPZWM	Wall Mount Bracket, AISI 316L stainless steel
HEPZPMA	Pole Mount Adapter, AISI 316L stainless steel
HEPZCMA	Corner Mount Adapter, AISI 316L stainless steel
HEPZPRM	Parapet/Ceiling Mount Adapter, AISI 316L stainless steel
HEPWS	Washer System Kit, with ATEX-certified solenoid valve, 24 VAC/VDC
HEPZA04	4 m Armored Cable with Barrier Cable Gland, ATEX/IECEx
HEPZA10	10 m Armored Cable with Barrier Cable Gland, ATEX/IECEx
HEPZT04	4 m Cable Tail with Conduit Cable Gland 3/4", UL
HEPZT10	10 m Cable Tail with Conduit Cable Gland 3/4", UL

EQUIP PTZ CAMERAS

HDZ IP IR PTZ Cameras

Honeywell's HDZ series of Network PTZ True Day/Night cameras provides extremely crisp video with up to 2 million effective pixels. The series uses the latest digital technology and advanced video processing and includes a wide range of models to meet the diverse needs of large scale surveillance applications. Extremely crisp video with model options that include high definition 30x optical zoom

- With continuous video footage via the cameras' onboard SD card storage option, end users can have total confidence even in the unlikely event of a network crash
- Installation time and costs are reduced by eliminating the need for electrician intervention using high power POE++ on outdoor models
- Outdoor models include vandal proof IK10, ensuring continuous monitoring of areas vulnerable to attack and vandalism
- ONVIF compatibility allows "off the shelf" integration to support wider integration to existing or third party systems
- For areas where vibration and adverse weather could interfere with surveillance operations, built-in Electronic Image Stabilizer (EIS) provides an extremely stable platform



HDZ302LIK



	HDZ302LIW	HDZ302LIK
Resolution	2MP	
Sensor	1/1.9"	
Best Compression	H.264	
Lens	6.0-180mm	
Angle of View (Horiz)	61.2° - 2.32°	
Minimum Aperture	F1.6-F4.8	
PAN Travel	360° endless	
TILT Travel	-10° to 90°, auto flip 180°	
PRESETS	250	
PRESET Speed	Pan: Up to 200°/s; Tilt: Up to 200°/s	
Minimum Illumination	0.005 lux	
Smart IR LEDs range	150m	200m
WDR	True WDR 120dB	
Power Input	24 VAC / PoE++	
Consumption : Min (Max)	24W (32W)	24W (38W)
PoE	PoE++ (Class 5)	
Temperature	-40°C +70°C	
Video Analytics	See analytics compatibility table	
Onvif Profiles	S	
Environmental	IP67	IP67 / IK10
Other	Wiper	



HDZ302LIW

EQUIP PTZ CAMERAS

HDZ IP PTZ Cameras



HDZ302IN-S1 / HDZ302IN-C1



HDZ302D


















HDZ302DE



	HDZ302IN-S1	HDZ302IN-C1	HDZ302D	HDZ302DE
Resolution	2MP			
Sensor	1/2.8"			
Best Compression	H.265			
Lens	4.5mm - 135mm			
Angle of View (Horiz)	62.35° - 2.53°			
Minimum Aperture	F1.6-F4.4			
PAN Travel	360° endless			
TILT Travel	-20° to 90°, auto flip 180°		0° to 90°, auto flip 180°	
PRESETS	250			
PRESET Speed (PAN/TILT)	Up to 400°/s; / Up to 200°/s		Up to 500°/s; / Up to 400°/s	
Minimum Illumination	0.005 lux (colour)/0.0005 lux (B/W) @ F1.6			
WDR	True WDR 120dB			
Power Input	24 VAC / PoE+			
Consumption : Min (Max)	13W (13W)		13W (23W)	13W (31W)
PoE	PoE+ (Class 4)			
Temperature	-10°C +70°C		-40°C +60°C	-40°C +70°C
Video Analytics	See analytics compatibility table			
Onvif Profiles	S, G			
Environmental	IK10 (dome only)		IP66 / IK10	
Bubble type	Smoked	Clear		
Other	UL CAP Certified			

EQUIP / HDZ CAMERAS MOUNTS

	CAMERA TYPE	CAMERA MODEL/ PART #NUMBER	# HOLES	Ø	WALL MOUNTS					
					HD4CHIP-WK2	HD3-MK2	HFG-WK	HDZW1	HDZW2	HDZGM
	Micro-dome Camera	H2W2GR1		Ø 91mm (28x86mm)			✓			
	INDOOR Mini-Domes	H3W2GR1V, H3W2GR2, H3W4GR1V				✓				
	OUTDOOR Mini-Domes	H4L2GR1V, H4W2GR1V, H4W2GR2, H4W4GR1V, H4D8GR1, H4L6GR2		Ø140mm	✓					
	BULLET CAMERAS	HBL2GR1V, HBW2GR1V, HBW2GR3V, HBW4GR1V, HBD8GR1, HBL6GR2		Ø 89mm (63x63mm)						
	BOX CAMERAS	HCL2GV, HCW2GV, HCW4G, HCD8G	-	-						
	INDOOR / OUTDOOR IR FISHEYE CAMERA	HFD6GR1, HFD8GR1		Ø130mm			✓			
	MULTI-IMAGER CAMERAS	HM4L8GR1	-					✓	✓	
		HMBL8GR1		Ø145mm (84x119mm)						
	OUTDOOR PTZ CAMERAS	HDZ302LIW, HDZ302LIK, HDZ302DE	-					✓	✓	
		HDZ302D	-					✓	✓	✓
	INDOOR PTZ CAMERAS	HDZ302DIN-C1 HDZ302DIN-S1	-							



HD4CHIP-WK2



HD3-MK2



HFG-WK



HDZW1



HFG-PK



H4G-PK



HEPM*



HDZCM1



HDZCM2



HDZCM3



HDZJB

*: Not available in the US **: Only available in the US



	IN CEILING MOUNTS		PENDENT MOUNT BRACKETS					JUNCTION BOX		POLE MOUNTS		CORNER MOUNTS		ADAPTER
HBC5WT-2	HDZINPL	HD3IP-5K1**	HFG-PK	H4G-PK	HEPM*	HD4CHIP-PK2	HDZCM1 HDZCM2 HDZCM3	HDZJB	HBG-BB	HB4G-PM	HDZPMA	HB34G-CM	HDZCMA	HDZNP7A
					✓		✓							
		✓												
				✓		✓	✓			✓		✓		
									✓	✓		✓		
✓														
			✓				✓			✓		✓		
							✓	with HDZWM1 HDZWM2			with HDZWM1 HDZWM2		with HDZWM1 HDZWM2	✓
								✓			with HDZJB		with HDZJB	
							with HDZNPTA	with HDZWM1 HDZWM2			with HDZWM1 HDZWM2		with HDZWM1 HDZWM2	✓
							with HDZNPTA	with HDZWM1 HDZWM2 HDZGM			with HDZWM1 HDZWM2 HDZGM		with HDZWM1 HDZWM2 HDZGM	✓
	✓													



HDZWM2



HDZGM



HBC5WT-2



HDZINPL



HBG-BB



HB4G-PM



HDZPMA



HB34G-CM



HDZCMA













HDZNPTA

30 SERIES IP CAMERAS

Integrate Security into Your Business



Meet the Honeywell 30 Series IP cameras, an integrated video solution that empowers you to improve the safety and security of your building. With a 50 meter Smart IR LED range, a camera resolution of up to 5MP, and secure stream video encryption, the 30 Series offering suits all small-to-medium businesses (SMB) and entry-level enterprises that want to reduce their liability cost and their total cost of ownership – ensuring complete compliance with all industry standards and regulations.

		PART NUMBER	DESCRIPTION	ONVIF	IMAGE SENSOR	LENS	RESOLUTION	MINIMUM ILLUMINATION
IR DOME CAMERAS								
Fixed lens	2MP	 HC30W42R3	2MP WDR TDN IR Dome camera	S, G	1/2.9"	2.8mm fixed, F2.0	2MP	0.065 lux (colour)/0 lux (B/W) @ F2.0 (with IR LEDs on)
		 HC30W45R3	5MP WDR TDN IR Dome camera		1/2.7"		5MP	0.03 lux (colour)/0 lux (B/W) @ F2.0 (with IR LEDs on)
MFZ	5MP	 HC30W45R2	5MP WDR TDN MFZ IR Dome camera		1/2.7"	2.8-12mm MFZ, F1.4-2.8mm	5MP	0.035 lux (colour)/0 lux (B/W) @ F1.4 (with IR LEDs on)
IR BULLET CAMERAS								
Fixed lens	2MP	 HC30WB2R1	2MP WDR TDN IR Bullet camera	S, G	1/2.9"	4mm fixed, F2.0	2MP	0.065 lux (colour)/0 lux (B/W) @ F2.0 (with IR LEDs on)
		 HC30WB5R1	5MP WDR TDN IR Bullet camera		1/2.7"		5MP	0.03 lux (colour)/0 lux (B/W) @ F2.0 (with IR LEDs on)
MFZ	5MP	 HC30WB5R2	5MP WDR TDN MFZ IR Bullet camera		1/2.7"	2.8-12mm MFZ, F1.4-2.8mm	5MP	0.035 lux (colour)/0 lux (B/W) @ F1.4 (with IR LEDs on)
IR BALL CAMERAS								
Fixed lens	2MP	 HC30WE2R3	2MP WDR TDN IR Ball camera	S, G	1/2.9"	2.8mm fixed, F2.0	2MP	0.065 lux (colour)/0 lux (B/W) @ F2.0 (with IR LEDs on)
		 HC30WE5R3	5MP WDR TDN IR Ball camera		1/2.7"		5MP	0.03 lux (colour)/0 lux (B/W) @ F2.0 (with IR LEDs on)
MFZ	5MP	 HC30WE5R2	5MP WDR TDN MFZ IR Ball camera		1/2.7"	2.8-12mm MFZ, F1.4-2.8mm	5MP	0.035 lux (colour)/0 lux (B/W) @ F1.4 (with IR LEDs on)
IR FISHEYE CAMERA								
Fixed lens	5MP	 HC30WF5R1	5MP WDR TDN IR Fisheye camera built-in Microphone	S, G	1/2.7"	1.16mm fixed, F2.25	5MP	0.05 lux (colour)/0 lux (B/W) @ F2.25 (with IR LEDs on)

Honeywell Security supports easy multi-site management and access control integration with MAXPRO® Cloud and ADPRO® for head-end video analytic features that ensure a more efficient solution, with a unified graphical user interface that reduces training and installation time.

Key Highlights

- Suitable for the NDAA Section 889 Compliant Marketplace
- Superior quality camera images with 50m IR distance and Smart IR, up to 5MP
- Secure Stream Video Encryption directly between the camera and NVR provides sensitive data protection
- H.265 Smart codec saves 50% storage space
- Designed with open IP standards, including ONVIF Profile S & G
- Compatible with MAXPRO NVRs, Performance Series NVRs and ADPRO NVRs.
- Onboard video storage options supporting up to 256 GB
- Multiple language support
- People detection

CIF = 352×240/288
VGA = 640×480

D1 = 704×480/576
720P = 1280×720

2MP = 1920×1080
5MP = 2560×1920

HORIZONTAL ANGLE OF VIEW	LOCAL STORAGE	IR DISTANCE	COMPRESSION	FRAMERATE	ENVIRON. RATINGS	POWER REQUIREMENTS	WORKING ENVIRONMENT
109°	Slot for Micro SD, Micro SDHC, Micro SDXC up to 256GB	30m (98ft)	H.265 Smart Codec	Main Stream: 2MP (1-25/30fps) Sub Stream: D1 (1-25/30fps) Third Stream: 640x360(1-25/30fps)	IP66 / IK10	PoE (802.3af), 12 VDC 6.5W max. (IR LEDs on)	-30°C to 60°C; (-22°F to 140°F) 0% to 90% RH, non-condensing
103° @5MP 108° @4MP				Main Stream: 5MP/4MP (1-25/30fps) *Up to 30fps @5M under H.265 only Sub Stream: 800x600 (1-25/30fps) Third Stream: VGA (1-25/30fps)		PoE (802.3af), 12 V DC 6.5W max. (IR LEDs on)	
88° - 30° @5MP 93° - 32° @4MP						PoE (802.3af), 12 VDC 13W max. (IR LEDs on)	
81°	Slot for Micro SD, Micro SDHC, Micro SDXC up to 256GB	50m (165ft)	H.265 Smart Codec	Main Stream: 2MP (1-25/30fps) Sub Stream: D1 (1-25/30fps) Third Stream: 640x360(1-25/30fps)	IP66	PoE (802.3af), 12 VDC 6.5W max. (IR LEDs on)	-30°C to 60°C; (-22°F to 140°F) 0% to 90% RH, non-condensing
78° @5MP 82° @4MP				Main Stream: 5MP/4MP (1-25/30fps) *Up to 30fps @5M under H.265 only Sub Stream: 800x600 (1-25/30fps) Third Stream: VGA (1-25/30fps)		PoE (802.3af), 12 VDC 6.5W max. (IR LEDs on)	
88° - 30° @5MP 93° - 32° @4MP						PoE (802.3af), 12 V DC 13W max. (IR LEDs on)	
109°	Slot for Micro SD, Micro SDHC, Micro SDXC up to 256GB	50m (165ft)	H.265 Smart Codec	Main Stream: 2MP (1-25/30fps) Sub Stream: D1 (1-25/30fps) Third Stream: 640x360(1-25/30fps)	IP66 / IK10	PoE (802.3af), 12 VDC 6.5W max. (IR LEDs on)	-30°C to 60°C; (-22°F to 140°F) 0% to 90% RH, non-condensing
103° @5MP 108° @4MP				Main Stream: 5MP/4MP (1-25/30fps) *Up to 30fps @5M under H.265 only Sub Stream: 800x600 (1-25/30fps) Third Stream: VGA (1-25/30fps)		PoE (802.3af), 12 V DC 6.5W max. (IR LEDs on)	
88° - 30° @5MP 93° - 32° @4MP						PoE (802.3af), 12 V DC 13W max. (IR LEDs on)	
180°	Micro SD, Micro SDHC, Micro SDXC up to 256GB	20m (65.5ft)	H.265 Smart Codec	Main Stream: 1920x1920 (~25/30fps) Sub Stream: 960x960 (1-25/30fps) Third Stream: 480x480 (1-25/30fps)	IP66 / IK10	PoE (802.3af), 12 VDC 10.8W max. (IR LEDs on)	-30°C to 60°C; (-22°F to 140°F) 0% to 90% RH, non-condensing

PERFORMANCE SERIES

IP Cameras



Upgrading to IP has never been so easy and affordable. Honeywell's Performance Series IP cameras are fully featured, competitively priced cameras that pair perfectly with a 4/8/16 32/64-channel Performance Series Embedded NVR.

Choose from a full range of IP cameras that includes up to Ultra HD 4k definition True Day/Night IR mini-dome, bullet and ball cameras to give you greater flexibility to get the solution that's right for your installation. Designed with open IP standards, including ONVIF Profile S, G,

		PART NUMBER	DESCRIPTION	ONVIF	IMAGE SENSOR	LENS	RESOLUTION	MINIMUM ILLUMINATION	
IR BALL CAMERA									
Fixed lens	2MP		HED2PER3	2MP DWDR TDN IR Ball camera	S, Q	1/3"	2.8mm fixed, F2.0	2MP	0.08 lux (colour)/0 lux (B/W) @ F2.0 (with IR LEDs on)
			HEW2PER3	2MP WDR TDN IR Ball camera white	S, G, Q	1/2.8"	2.8mm fixed, F1.6	2MP	0.06 lux (colour)/0 lux (B/W) @ F1.6 (with IR LEDs on)
	4MP		HEW4PER3	4MP WDR TDN IR Ball camera	S, Q	1/3"	2.8mm fixed, F2.0	4MP	0.08 lux (colour)/0 lux (B/W) @ F2.0 (with IR LEDs on)
			HEW4PER3B	4MP WDR TDN IR Ball camera grey	S, G, Q		2.8mm fixed, F1.6	4MP	0.4 lux (colour)/0 lux (B/W) @ F1.6 (with IR LEDs on)
MFZ	2MP		HEW2PER2	2MP WDR TDN IR Ball camera white	S, G, Q	1/2.8"		2MP	0.05 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)
	4MP		HEW4PER2	4MP WDR TDN IR Ball camera white	S, G, Q	1/3"	2.7-13.5mm MFZ, F1.4	4MP	0.3 lux, F1.4 (colour); 0 lux (with IR LEDs on)
			HEW4PER2B	4MP WDR TDN IR Ball camera grey	S, G, Q				

Q and T our IP network cameras offer superb picture quality and seamless integration to our Honeywell video NVR solutions.

Key Highlights

- IR LEDs provide up to 60 m of illumination in dimly lit or night-time scenes
- Smart IR technology for even distribution of IR
- Waterproof (IP66) camera housings are perfect for outdoor installations
- Range includes both motorized focus/zoom and fixed lenses for a wide range of field of view options
- Quick wizard and PoE support plug-and-play and make setup fast and easy
- Designed with open IP standards, including ONVIF Profile S, G, Q and T
- Compatible with HDCS, MaxPro VMS, MaxPro Viewer and ProWatch
- Simple remote configuration and firmware updating through the Honeywell Viewer web client and the Honeywell Config tool
- Conceal up to 4 areas of a scene from viewing and recording
- Monitor from anywhere using HonView Touch Mobile App
- Onboard video storage options supporting up to 128 GB (some models only – card not included)
- People counting built-in solution to provide customers behavior analysis in retail store

CIF = 352x240/288
VGA = 640x480

D1 = 704x480/576
720P = 1280x720

2MP = 1920 x 1080
3MP = 2304x1296

4MP = 2688 x 1520
6MP = 3072 x 2048

8MP/4K = 3840 x 2160

HORIZONTAL ANGLE OF VIEW	LOCAL STORAGE	IR DISTANCE (M)	COMPRESSION	FRAMERATE	ENVIRON. RATINGS	POWER REQUIREMENTS	WORKING ENVIRONMENT
83°	N/A	25		Main Stream: 2MP (1~25/30fps) Sub Stream: D1 (1~25/30fps)		PoE (802.3af), 12 V DC 4.12 W max. (IR LEDs on)	-30°C to 55°C; 0% to 95% RH, non-condensing
110°	MicroSDHC, up to 128GB	30		Main Stream: 2MP (1~25/30fps) Sub Stream: D1 (1~25/30fps) Third Stream: 720P (1~25/30fps)		PoE (802.3af), 12 V DC 5.5 W max. (IR LEDs on)	-30°C to 60°C; 0% to 95% RH, non-condensing
87°	N/A	25		Main Stream: 4MP (1~25/30fps) Sub Stream: D1 (1~25/30fps)		PoE (802.3af), 12 V DC 4.68 W max. (IR LEDs on)	-30°C to 55°C; 0% to 95% RH, non-condensing
104°		50	H.265 H.264	Main Stream: 4MP (1~25/30fps) Sub Stream: D1 (1~25/30fps) Third Stream: 720P (1~25/30fps)	IP66 rated	PoE (802.3af), 12 V DC 4.5 W max. (IR LEDs on)	
108° - 30°	MicroSDHC, up to 128GB	50		Main Stream: 2MP (1~25/30fps) Sub Stream: D1 (1~25/30fps)		PoE (802.3af), 12 V DC 9.5 W max. (IR LEDs on)	-30°C to 60°C; 0% to 95% RH, non-condensing
108° - 28°		50		Main Stream: 4MP (1~25/30fps) Sub Stream: D1 (1~25/30fps)		PoE (802.3af), 12 V DC 4.5 W max. (IR LEDs on)	

VIDEO SURVEILLANCE SYSTEMS

Performance Series IP Cameras

		PART NUMBER	DESCRIPTION	ONVIF	IMAGE SENSOR	LENS	RESOLUTION	MINIMUM ILLUMINATION
IR RUGGED DOME								
Fixed lens	2MP		H2W2PER3 2 MP WDR TDN IR Micro-Dome Camera with built-in microphone	S, G, Q	1/2.8"	2.8mm fixed, F2.0	2MP	0.07 lux, F2.0 (colour); 0 lux (B/W with IR LEDs on)
			H2W2PC1M 2 MP WDR TDN people counting Camera built-in microphone	S, G, Q		2.1mm fixed, F2.0		0.08 lux, F2.0 (colour); 0.04 lux F2.0 (B/W)
			H2W4PER3 4 MP WDR TDN IR Mini-Dome Camera with built-in microphone	S, G, Q	1/3"		4MP	0.3 lux, F2.0 (colour); 0 lux (B/W with IR LEDs on)
	4MP		H4W2PER3 2 MP WDR IR Rugged Mini Dome Camera	S, G, Q	1/2.8"	2.8mm fixed, F2.0	2MP	0.07 lux colour F2.0; 0 lux B/W with IR LEDs on @ F2.0
			H4W4PER3 4 MP WDR TDN IR Rugged Mini-Dome Camera	S, Q	1/3"		4MP	0.01 lux, F2.0 (colour); 0 lux (with IR LEDs on)
	8MP		H4W8PR2 8 MP (4K) WDR TDN IR Rugged Mini-Dome Camera	S, G, Q	1/2"	3.7 – 11mm, MFZ, F1.9	8MP	0.09 lux (colour)/0 lux (B/W) @ F1.9 (with IR LEDs on)
MFZ	2MP		H4W2PER2 2 MP WDR TDN IR Rugged Mini-Dome Camera	S, G, Q	1/2.8"	2.7 – 13.5mm, MFZ, F1.4	2MP	0.05 lux colour @ F1.4; 0 lux B/W with IR LEDs on @ F1.4
	4MP		H4W4PER2 4 MP WDR TDN IR Rugged Mini-Dome Camera	S, G, Q	1/3"		4MP	0.03 lux colour @ F1.4; 0 lux B/W with IR LEDs on @ F1.4
	8MP		H4W8PR2 8 MP (4K) WDR TDN IR Rugged Mini-Dome Camera	S, G, Q	1/2"	3.7 – 11mm, MFZ, F1.9	8MP	0.09 lux (colour)/0 lux (B/W) @ F1.9 (with IR LEDs on)
IR BULLET								
Fixed lens	2MP		HBD2PER1 2 MP DWDR TDN IR Bullet Camera	S, Q	1/2.9"		2MP	0.08 lux colour @ F2.0; 0 lux B/W with IR LEDs on @ F2.0
			HBW2PER1 2 MP WDR TDN IR Bullet Camera	S, Q	1/2.8"	3.6mm fixed, F2.0		0.07 lux colour @ F2.0; 0 lux B/W with IR LEDs on @ F2.0
	4MP		HBW4PER1 4 MP WDR TDN IR Bullet Camera	S, Q	1/3"		4MP	0.08 lux colour @ F2.0; 0 lux B/W with IR LEDs on @ F2.0
			HBW4PGR1 4 MP WDR TDN IR Bullet Camera	S, G, T	1/3"	4mm fixed, F1.6		0.01 lux colour @ F1.6; 0 lux B/W with IR LEDs on @ F1.6
MFZ	2MP		HBW2PER2 2 MP WDR TDN IR Bullet Camera	S, G, Q	1/2.8"	2.7 – 13.5mm, MFZ, F1.4	2MP	0.05 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)
	4MP		HBW4PER2 4 MP WDR TDN IR Bullet Camera	S, G, Q	1/3"		4MP	0.03 lux colour @ F1.4; 0 lux B/W with IR LEDs on @ F1.4
	8MP		HBW8PR2 8 MP (4K) WDR TDN IR Bullet Camera	S, G, Q	1/2"	3.7 – 11mm, MFZ, F1.9	8MP	0.09 lux (colour)/0 lux (B/W) @ F1.9 (with IR LEDs on)
PTZ CAMERAS								
MFZ - PTZ	2MP		HDZP252DI 2MP IR, DWDR Indoor / Outdoor PTZ,	S, G	1/2.8"	4.8–120mm, MFZ, F1.6–F4.4	2MP	0.005 lux (colour)/0 lux (B/W) @ F1.6 (with IR LEDs on)
	4MP		HDZP304DI 4MP IR, WDR 120dB Indoor / Outdoor PTZ,	S, Q	1/3"	4.5–135mm, MFZ, F1.6–F4.4	4MP	0.05 lux (colour)/0 lux (B/W) @ F1.6 (with IR LEDs on)
PIN-HOLE								
Fixed lens	2MP		HPW2P1 2 MP WDR IP Pin-hole Camera	S, Q	1/2.7"	2.8mm fixed F2.4	2MP	0.082 lux (colour) 0.018 lux (B/W) @ F2.4

CIF = 352x240/288
VGA = 640x480

D1 = 704x480/576
720P = 1280x720

2MP = 1920 x 1080
3MP = 2304x1296

4MP = 2688 x 1520
6MP = 3072 x 2048

8MP/4K = 3840 x 2160

HOR. ANGLE OF VIEW	LOCAL STORAGE	IR DISTANCE	COMPRESSION	FRAMERATE	ENVIRON. RATINGS	POWER REQUIREMENTS	ENVIRONMENT
110°	MicroSDHC, up to 128GB	20m 65ft	H.265 H.264	Main Stream: 2MP (1~50/60fps) Sub Stream: D1 (1~25/30fps) Third Stream: 2MP (1~25/30fps)	IP66 rated IK10 vandal resistant	PoE (802.3af), 12 V DC 5.0 W max. (IR LEDs on)	-30°C to 60°C; (-22° F ~ +140° F) 0% to 95% RH, non-condensing
128°		No IR LEDs		Main Stream: 2MP (1~25/30fps) Sub Stream: D1 (1~25/30fps) Third Stream: 2MP (1~25/30fps)		PoE (802.3af), 12 V DC 4.5 W max.	
104°		20m 65ft		Main Stream: 4MP (1~25/30fps) Sub Stream: D1 (1~25/30fps) Third Stream: 720P (1~25/30fps)		PoE (802.3af), 12 V DC 5.0 W max. (IR LEDs on)	
107°	N/A	30m 98ft		Main Stream: 2MP (1~25/30fps) Sub Stream: D1 (1~25/30fps)		PoE (802.3af), 12 V DC 4.6 W max. (IR LEDs on)	
104°		25m 82ft		Main Stream: 4MP (1~20fps) Sub Stream: D1 (1~25/30fps)	IP66 rated	PoE (802.3af), 12 V DC 4.7 W max. (IR LEDs on)	
108°- 30°		30m 98ft		Main Stream: 2MP : 1~25/30fps Sub Stream: D1 : 1~25/30fps		PoE (802.3af), 12 V DC 9 W max. (IR LEDs on)	
104°- 28°		45m 148ft		Main Stream: 4MP (1~20fps) Sub Stream: D1 (1~25/30fps)		PoE (802.3af), 12 V DC 8.5 W max. (IR LEDs on)	
113° - 50°		30m 98ft		Main Stream: 4K (1~25/30fps) Sub Stream: D1(1~25/30fps)		PoE (802.3af), 12 V DC 10.9 W max. (IR LEDs on)	
83°	-	30m 98ft	H.265 H.264	Main Stream: 2MP : 1~25/30fps Sub Stream: D1 : 1~25/30fps;	IP66 rated	PoE (802.3af), 12 V DC 5.03 W max. (IR LEDs on)	-30°C to 60°C; (-22° F ~ +140° F) 0% to 95% RH, non-condensing
88°	-			Main Stream: 2MP (1~25/30fps) Sub Stream: D1 (1~25/30fps)		PoE (802.3af), 12 V DC 5.2 W max. (IR LEDs on)	
87°	-			Main Stream: 4MP (1~20fps) Sub Stream: D1 (1~25/30fps;		PoE (802.3af), 12 V DC 5.7 W max. (IR LEDs on)	
78°	- MicroSD, up to 128GB	50m 164ft		Main Stream: 4MP (1~25/30fps) Sub Stream: VGA (1~25/30fps) Third Stream: 720P (1~25/30fps)		PoE (802.3af), 12 V DC 5.2 W max. (IR LEDs on)	
108° - 30°		50m 164ft		Main Stream: 2MP (1~25/30fps) Sub Stream: D1 (1~25/30fps)	IP66 rated	PoE (802.3af), 12 V DC 9.5 W max. (IR LEDs on)	
104°- 28°		50m 164ft		Main Stream: 4MP (1~20fps) Sub Stream: D1 (1~25/30fps) Third Stream: 720P (1~25/30fps)		PoE (802.3af), 12 V DC 11.74 W max. (IR LEDs on)	
113° - 50°		60m 197ft		Main Stream: 4K (1~25/30fps) Sub Stream: D1(1~25/30fps)		PoE (802.3af), 12 V DC 14.3 W max. (IR LEDs on)	
59.2° ~ 2.4°	MicroSD, up to 128GB	100m 328ft	H.265 H.264	Main Stream: 2MP (50/60fps) Sub Stream: D1 (1~25/30fps) Third Stream: 720P (1~25/30fps)	IP66 rated	12 VDC / 20W Max PoE+	-40°C to 70°C; (-40° F ~ +158° F) 0% to 95% RH, non-condensing
60° - 2.2°				Main Stream: 4MP (1~25/30fps or 2MP (50/60fps) Sub Stream: D1 (1~25/30fps) Third Stream: 2MP (1~25/30fps)		24VAC ± / 10% / 23W Max PoE+	
108°	-	No IR LEDs	H.265 H.264	Main Stream: 2MP (1 ~ 25/30fps) Sub Stream: D1 (1 ~ 25/30fps);	N/A	12 VDC 1.5 W max	-30°C to 60°C; (-22° F ~ +140° F) 0% to 95% RH, non-condensing

HIGH QUALITY ANALOGUE

Solutions

Supercharge your analogue security system with Honeywell's HD Over Coax technologies for high definition 2, 4 or 8 MP images over your existing coax infrastructure. The Performance Series HQA/TVI/AHD line includes a wide range of high performing IR cameras and DVRs that are easy to install and even easier to use.



Low cost HD video

- Competitive priced vs. IP Video
- Much more detailed than analogue Video and comparable with IP Video

Hassle free installations

- Upgrade with minimal training
- No need to be an IT experts
- Uses existing coax cable

Solutions for any need

- More options to choose from HQA line
- Backwards compatible

Low Maintenance

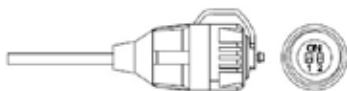
- No License fees and network maintenance required



Market Opportunities








These flexible, fully featured cameras are perfect for a wide range of surveillance applications, providing excellent picture quality at an affordable price.

High Quality/Standard format Setting (not available on all cameras)



	1	2
CVI	OFF	OFF
SD	ON	ON
AHD	ON	OFF
TVI	OFF	ON

Rugged Dome

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRON.	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HD30XD2	2 MP (HQA, TVI, AHD, SD) IR Mini Dome	1/2.9", 3.6mm fixed, F2.0	0.02 lux @ F2.0(colour), 0 lux (B/W with IR LEDs on)	IP66, IK10 vandal resistant,	12 IR LEDs up to 30 m (100')	DWDR	12 VDC, 2.6W Max	1-channel BNC CVI/TVI/AHD/ CVBS video output
	HD41XD2		1/2.9", 2.7 – 13.5mm, vari-focal lens, F1.4			2 IR LEDs up to 30 m (100')		12 VDC, 3.4W Max	
	HD42XD2	2 MP (HQA, TVI, AHD, SD) WDR IR Mini Dome	1/2.1", 2.7 – 13.5mm, MFZ, F1.3	0.02 lux @ F1.3(colour), 0 lux (B/W with IR LEDs on)		2 IR LEDs up to 30 m (100')	WDR (120 dB)	12 VDC, 5.4W Max	
	HD273XD2	2 MP (HQA, TVI, AHD, SD) WDR IR Mini Dome	1/2.9", 2.8 – 12mm, VF, F1.4	0.01 lux @ F1.4(colour), 0.014 lux (B/W with IR LEDs on)		24 IR LEDs up to 30 m (100')	DWDR	12 VDC, 24 VAC 5.6W	
	HD72HD4 *	4 MP HQA WDR IR Mini Dome	1/3", 2.8mm fixed, F1.5	0.01 lux @ F1.5(colour), 0 lux (B/W with IR LEDs on)		12 IR LEDs up to 30 m (100')		12 VDC, 4.4W Max	
	HD274HD4		1/3", 2.7-12mm MFZ, F1.3	0.01 lux @ F1.3 (colour), 0 lux (B/W with IR LEDs on)		2 IR LEDs up to 30 m (100')	WDR (120 dB)	12 VDC, 24 VAC, 10.1W Max	
	H4D42HD8	8 MP HQA/ CVI, TVI, AHD, SD WDR IR Mini Dome	1/2", 3.7-11mm MFZ, F1.5	0.01 lux @ F1.5 (colour), 0 lux (B/W with IR LEDs on)		2 IR LEDs up to 30 m (100')		12 VDC, 24 VAC, 8.4W Max	1-channel BNC CVI/TVI/AHD/ CVBS video output







PTZ Camera

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HDZP30XD4	4 MP HQA/CVI, TVI, AHD, SD WDR 30X Speed Dome Camera	1/2.8", 2.7 – 13.5mm, MFZ lens, F1.3	0.005 lux colour @ F1.3; 0 lux B/W with IR LEDs	IP66 rated	2 High Power IR LEDs, up to 50 m (150')	WDR (120 dB)	24 VAC, 7.2W Max	1-channel BNC CVI/TVI/AHD/ CVBS video output







*: Not available in the US

HIGH QUALITY ANALOGUE CAMERAS





Bullet Camera

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HB30XD2	2 MP (HQA/ CVI, TVI, AHD, SD) IR Bullet Camera	1/2.9", 3.6mm fixed, F2.0	0.02 lux @ F2.0(colour), 0 lux (B/W with IR LEDs on)	IP66 rated	18 IR LEDs up to 30 m (100')	DWDR	12 VDC, 2.8W Max	1-channel BNC CVI/TVI/AHD/ CVBS video output
	HB41XD2		1/2.9", 2.7 – 13.5mm, vari-focal lens, F1.4	0.02 lux @ F1.4(colour), 0 lux (B/W with IR LEDs on)		20 IR LEDs up to 30 m (100')		12 VDC, 2.5W Max	
	HB42XD2	2 MP (HQA/ CVI, TVI, AHD, SD) WDR IR Bullet Camera	1/2.8", 2.7 – 13.5mm, MFZ, F1.3	0.005 lux @ F1.3(colour), 0 lux (B/W with IR LEDs on)		12 IR LEDs up to 50 m (150')	WDR (120 dB)	12 VDC, 10.1W Max	1-channel BNC high definition video output and 1-channel BNC CVBS video output
	HB74HD4	4 MP (HQA/ CVI) WDR IR Bullet Camera	1/3", 3.6mm fixed, F1.5	0.01 lux @ F1.5 (colour), 0 lux (B/W with IR LEDs on)		2 IR LEDs up to 40 m (131')		12 VDC, 15.4W Max	
	HB276HD4	4 MP (HQA/ CVI) WDR IR Bullet Camera	1/3", 2.7–12mm MFZ, F1.3	0.01 lux @ F1.3 (colour), 0 lux (B/W with IR LEDs on)		4 IR LEDs up to 60 m (200')		12 VDC, 24 VAC, 5.3W Max	
	HBD42HD8	8 MP (HQA/ CVI, TVI, AHD, SD), WDR IR Bullet camera	1/2", 3.7–11mm MFZ, F1.5	0.01 lux @ F1.5 (colour), 0 lux (B/W with IR LEDs on)		up to 50 m (150')		12 VDC, 24 VAC, 15W Max	1-channel BNC CVI/TVI/AHD/ CVBS video output


Ball Camera

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HE30XD2	2 MP (HQA/ CVI, TVI, AHD, SD) IR Ball Camera	1/2.9", 3.6mm, fixed lens, F2.0	0.02 lux colour @ F2.0; 0 lux B/W with IR LEDs	IP66 rated	1 High Power IR LED, up to 40 m (120')	DWDR	12 VDC, 2.9W Max	1-channel BNC CVI/TVI/ AHD/CVBS video output
	HE30XD2G	2 MP (HQA/ CVI, TVI, AHD, SD) IR Ball Camera Grey				20 IR LEDs, up to 30 m (100')		12 VDC, 4.2W Max	
	HE41XD2 *	2 MP (HQA/ CVI, TVI, AHD, SD) IR Ball Camera	1/2.9", 2.7 – 13.5 mm, vari-focal lens, F1.4	0.005 lux colour @ F1.3; 0 lux B/W with IR LEDs		2 High Power IR LEDs up to 50 m (150')	WDR (120 dB)	12 VDC, 7.2W Max	
	HE42XD2	2 MP (HQA/ CVI, TVI, AHD, SD) WDR IR Ball	1/2.8", 2.7 – 13.5mm, MFZ lens, F1.3			1 high-powered LED up to 50 m (164')	WDR (120 dB)	12 VDC, 5.3W Max	
	HE42XD2G								
	HD30HD4	4 MP (HQA/ CVI) WDR IR Ball Camera	1/3", 3.6mm fixed, F1.5	0.01 lux @ F1.5 (colour), 0 lux (B/W with IR LEDs on)					1-channel BNC high definition video output and 1-channel BNC CVBS video output


Box Camera

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HC2HD2 *	2 MP (HQA/ CVI, SD) WDR Box Camera	1/2.8"	0.005 lux colour @ F1.2, 0.0005 lux B/W @ F1.2	N/A	N/A	WDR (120 dB)	12 VDC / 24 VAC 4.7 W Max	1-channel BNC CVI and 1-channel BNC CVBS video output
	HLM27V12MPD		2.7 - 12 mm F1.6						
	HLM5V50MPDE		5.0 - 50 mm F1.6			HBC5WT-2			Mounting bracket

PIR Camera

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HB30PHD2	2 MP (HQA/CVI), PIR Camera	1/2.7", 2.8mm, lens, F2.0	0.02 lux @ F2.0 (colour), 0 lux (B/W with IR LEDs on)	IP66	up to 20m (60')	DWDR	12 VDC 4.1 W Max	Detection range: 10m / 110°, 1-channel BNC CVI video output

Temperature & Humidity Camera

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HB30THD2 *	2 MP (HQA/CVI), Temperature Humidity Camera	1/2.9", 3.6mm, lens, F2.0	0.02 lux @ F2.0 (colour), 0 lux (B/W with IR LEDs on)	IP66	up to 20m (60')	DWDR	12 VDC 3.4 W Max	1-channel BNC CVI video output

Pin-hole Camera

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HPXD2 *	2 MP (HQA/CVI, TVI, AHD, SD), WDR Pin-hole Camera	1/2.8", 2.8mm, fixed lens, F2.4	0.05 lux @ F2.4 (colour), 0.005 lux (B/W)	N/A	N/A	WDR (120 dB)	12 VDC 1.2 W Max	1-channel BNC CVI/TVI/AHD/ CVBS video output

Fisheye Camera

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HFD40HD4	4 MP (HQA/CVI, SD), WDR Fisheye Camera	1/3", 1.18mm, fixed lens	0.01 lux @ F2.0 (colour), 0.001 lux (B/W)	IK10 vandal resistant,	N/A	WDR (120 dB)	12 VDC 2.2 W Max	1-channel CVI and 1-channel CVBS video output

*: Not available in the US

VIDEO SURVEILLANCE SYSTEMS

Brackets compatibility table











for Performance and 30 Series Cameras

HQA-BB1	HQA-BB2 HQA-BB2G	HQA-BB3 HQA-BB3G	HQA-BB4	HQA-BB5	HBS2-BB
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	# HOLES	D	IP	HQA	JUNCTION BOX					
		Ø 110mm	H4W2PER2, H4W4PER2, H4W8PR2	H4D42HD8, HD274HD4, HD41XD2, HD42XD2		HQA-BB2				
		Ø 98mm	H4W2PER3, H4W4PER3	HD30XD2, HD72HD4 *		HQA-BB2				
		Ø 55mm	HBD2PER1, HBW4PER1	HB30PHD2 HB30THD2 * HB30XD2						
		Ø 70mm	HBW2PER2 HBW4PER2 HBW8PR2	HB276HD4, HB41XD2 HB42XD2 HBD42HD8						
		Ø 69mm		HB74HD4						
		Ø 88.5mm	HBW4PGR1							
		Ø 69mm	HEW2PER3	HD30HD4, HE30XD2				HQA-BB3		
		Ø 69mm	HEW2PER3B	HE30XD2G				HQA-BB3G		
		Ø 84mm	-	HE41XD2 *						
		Ø 68mm	HED2PER3, HEW4PER3	-						
		Ø 84mm	-	HE42XD2 HE42XD2G						
		Ø 84mm	HEW2PER2, HEW4PER2	-			HQA-BB2			
		Ø 84mm	HEW4PER2B	-			HQA-BB2G			
		Ø 98mm	HFD5PR1	HFD40HD4						
		Ø 98mm Ø 110mm	HC30WF5R1							
		Ø 91mm	H2W2PER3, H2W4PER3 H2W2PC1M	-				HQA-BB3		

*: Not available in the US

HEJB	HQA-WK HQA-WKB	HQA-WK2 HQA-WK2G	HQA-IC	HQA-RS	HQA-PK	HQA-CB	HQA-CBE	HQA-PM2 HQA-PM2B	HB34S2-CM HB34S2-CMB
									
	WALL MOUNT		IN-CEILING BRACKET	RAIN SHIELD	PENDANT MOUNT CAP	CEILING MOUNT	780 MM EXTEND	POLE MOUNT	CORNER MOUNT
	✓ HQA-WK		✓	✓	✓	with HQA-PK	with HQA-CB	with HQA-WK, HQA-BB2/G or HQA-BB4	with HQA-BB2/G or HQA-BB4
	✓ HQA-WK			✓	✓	with HQA-PK	with HQA-CB	with HQA-WK or HQA-BB2/G	with HQA-BB2/G
✓								with HBS2-BB or HEJB	with HBS2-BB or HEJB
								with HBS2-BB	with HBS2-BB
								with HQA-BB1	with HQA-BB1
		✓ HQA-WK2			✓	with HQA-PK	with HQA-CB	with HQA-BB1, HQA-WK2 or HQA-BB3	with HQA-BB1 or HQA-BB3
		✓ HQA-WK2G			✓	with HQA-PK	with HQA-CB	with HQA-BB1, HQA-WK2G or HQA-BB3G	with HQA-BB1 or HQA-BB3G
		✓ HQA-WK2							
		✓ HQA-WK2			✓	with HQA-PK	with HQA-CB	with HQA-WK2/G or HQA-BB1	with HQA-BB1
✓	✓ HQA-WK ✓ HQA-WKB							with HEJB	with HEJB
✓	✓ HQA-WK			✓	✓	with HQA-PK	with HQA-CB	with HQA-WK, HQA-BB2 or HBS2-BB	with HQA-BB2 or HBS2-BB
✓	✓ HQA-WKB			✓	✓	with HQA-PK	with HQA-CB	with HQA-WK, HQA-BB2G or HBS2-BB	with HQA-BB2G or HBS2-BB
	✓ HQA-WK				✓	with HQA-PK	with HQA-CB	with HQA-WK or HQA-BB2/G	with HQA-BB2/G
					✓	with HQA-PK	with HQA-CB	with HQA-BB1, HQA-BB2 or HQA-BB4	with HQA-BB1, HQA-BB2 or HQA-BB4
		✓ HQA-WK2			✓	with HQA-PK	with HQA-CB	with HQA-WK2/G or HQA-BB3/G	with HQA-BB3/G

VIDEO ANALYTICS

Today's security market demands highly sophisticated technologies, and Honeywell's innovative analytics solutions deliver the required functionality to solve customer problems. Honeywell's analytic capabilities increase security, reduce shrinkage, enhance customer service and increase operational efficiencies. Honeywell Video Analytics automatically detects, analyses, tracks and classifies the behaviours of people and vehicles as they move through a scene.

Video Analytics equip Camera compatibility

	H2W2GR1	H3WxGRx	H3WxGR1V	H4D8GR1, HBD8GR1, HCD8G	H4L6GR2	H4L2GR1V	H4WxGRx / H4L2GR1	H4WxGR1V	HBL6GR2	HBL2GR1V	HBWxGRx	HBWxGRxV	HCL2G / HCWxG	HCL2GV	HCW2GV	HCPB302, HEPB302W01Ax4	HDZ302Dxx	HDZ302Llx	HEPZ302W0	HFDxGR1	HM4L8GR1, HMBL8GR1	CATEGORY
Audio detection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	
Auto-tracking																	✓	✓	✓			
Face detection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
Heat Map						✓				✓				✓								
Intrusion	✓		✓					✓				✓			✓							
Motion detection	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Object Abandoned	✓		✓			✓		✓		✓		✓		✓	✓							
Object Missing	✓		✓			✓		✓		✓		✓		✓	✓							
People counting					✓	✓			✓	✓				✓								
Scene change	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	
SD Card full/failure	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		✓	✓	
Tripwire	✓		✓					✓				✓			✓							
Video tampering	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Intrusion Detection ⁽¹⁾						✓				✓				✓								
Loitering Detection ⁽¹⁾						✓				✓				✓								
Trigger Line Detection ⁽¹⁾						✓				✓				✓								
Xtralis IntrusionTrace™ ⁽²⁾				✓	✓				✓							✓	✓		✓	✓		
Xtralis LoiterTrace™ ⁽²⁾				✓	✓				✓								✓		✓	✓		
Xtralis VehicleTrace™ ⁽³⁾									✓													

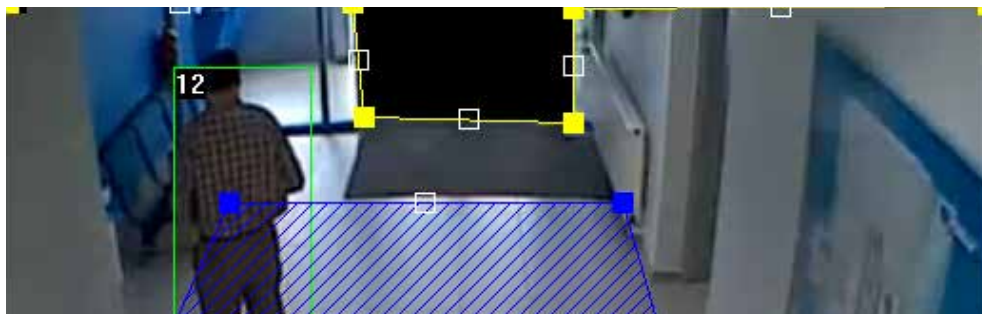
(1) Open VA framework

(2) Additional license application required, Firmware must be 30 March 2017 or later

(3) MAXPRO NVR 4.9 minimum (consult us for availability in regions)

✓ Available on the Camera and MAXPRO NVRs

✓ Available on the Camera only



BUILT-IN VIDEO ANALYTICS (free of charge)



UPLOADABLE VIDEO ANALYTICS - BASIC (free of charge)



UPLOADABLE VIDEO ANALYTICS - ADVANCED (licence required)

Cameras can be configured to detect sounds that are above a selected threshold ⁽⁴⁾.

PTZ cameras can be configured to detect people or vehicles in the image and can follow the movement of the detected object automatically.

Detects a human face moving towards it, triggering a response. The camera can only detect a face looking directly into the camera, not side views.

It represents people motion traffic density in a specific area within a time period, using colors to display different densities of frequent traffic flow.

Detects when intrusion occurs in a pre-defined area ⁽⁴⁾.

Cameras can be configured to detect motion in the image ⁽⁴⁾.

Cameras can be configured to detect any object abandoned in a predefined area beyond a set period of time ⁽⁴⁾.

Cameras can be configured to detect an object missing from a predefined area ⁽⁴⁾.

Cameras can be configured to count people entering and leaving thru a predefined line ⁽⁴⁾.

Cameras can be configured to trigger an alarm when there is a change in the scene caused by movement of the camera ⁽⁴⁾.

The installed microSD card is full / not working ⁽⁴⁾.

Detects people, vehicles and objects crossing a predefined line in the image ⁽⁴⁾.

Cameras can detect when the lens is covered ⁽⁴⁾.

Improved detection of intrusion in a predefined area in the image ⁽⁴⁾.

Improved detection of people loitering with in an area for a predefined period of time ⁽⁴⁾.

Improved detection of people, vehicles and objects crossing a predefined line in the image ⁽⁴⁾.

Provides high performance intrusion detection using video analytics specifically designed for 24/365 low false alarms operation.

Provides high performance Loiter detection using video analytics specifically designed for 24/365 low false alarms operation.

Detects and captures the image of license/number plate of a vehicle, convert the image into characters, then generate an event for MAXPRO NVR/VMS

⁽⁴⁾ A set of alarms can be triggered as configured.

GDPR

Eu General Data Protection Regulation

The EU General Data Protection Regulation (GDPR) comes into force on May 25, 2018. The GDPR is designed to harmonize data privacy laws across Europe and to protect and empower individuals in the EU with respect to the processing of personal data relating to them. There is no question that the GDPR is the most important change in data privacy regulation in the EU in more than 20 years – for Honeywell and our customers.

Like all other organizations doing business in the EU, we are working hard to prepare for the GDPR. The security and privacy of our customers' information is, and always will be, among our highest priorities. We are committed to complying with the GDPR and to helping our customers do the same.

Below are some of the ways in which Honeywell is working to comply with the GDPR:

• How will Honeywell comply with the GDPR?

As a global organization, Honeywell works to comply with data privacy laws in the countries in which we operate. Honeywell has an in-house data privacy team that monitors developments in data privacy regulation globally, including the GDPR. In recognition of the significant change that the GDPR represents, we have established a global cross-functional team and corresponding program to help us prepare. This program, which encompasses Honeywell's products and services, as well as our internal processes and procedures, is led by Honeywell leaders from a variety of key functions impacted by this regulation. At the same time, we are developing training for employees across our Company to ensure that they are aware of the key changes that the GDPR will bring and how to comply with them.

• How does Honeywell secure customer data?

Honeywell has always been committed to securing our customers' data. Accordingly, the requirement in Article 32 GDPR to take steps to ensure the security of the data we process is not new, and we are continuously evolving to keep pace with changing technologies and cyber security threats. Honeywell keeps our customers' data secure by enforcing policies and procedures outlined in regulatory requirements and by implementing industry best practices and critical control frameworks, including NIST SP 800-171 and ISO 27001. Obligations include topics such as access management, asset and change management, data protection, vulnerability management, incident response, responsible disclosure, and business continuity and physical security. Applications and products are developed and implemented in accordance with these control obligations and Honeywell's secure software development lifecycle. Honeywell employs a defense-in-depth strategy, including several levels and types of protection and monitoring technologies to protect the confidentiality and integrity of customer data. Honeywell IT and security controls undergo regular testing from internal and external assessments and audits. Honeywell maintains the Cyber Essentials Scheme certification.

• How will Honeywell comply with the security notification requirements of the GDPR?

At Honeywell, we pride ourselves on our security standards and excellent track record in data security. At the same time, in today's increasingly complex digital world, we recognize that robust incident-response capabilities are of equal importance to our customers. We have reinforced our existing incident response procedures to align with the requirements of Article 33 of the GDPR, including timely security notifications and assistance.

• How does Honeywell comply with the GDPR's restrictions on international data transfers?

As a global Company, we operate in 1,250 sites in 70 countries. Our global scope is a key competitive advantage. Therefore, our data management practices reflect our strategic goals. Many of our customers ask what steps we take to transfer personal data outside the EU. Aligned with many other organizations, we rely on the EU Model Clauses for this purpose (available at: https://ec.europa.eu/info/strategy/justice-and-fundamental-rights/data-protection/data-transfers-outside-eu/model-contracts-transfer-personal-data-third-countries_en). The EU Model Clauses are a legal instrument designed by the European Commission to ensure that personal data is treated in compliance with European data privacy laws – even after it has left the EU. Honeywell enters into the EU Model Clauses with its group companies, suppliers, and other third parties outside the EU to ensure the legality of its international data transfers. Some of our customers are concerned that the GDPR prohibits transfers of personal data outside the EU. This is incorrect. In fact, the preamble to the GDPR expressly recognizes that “*Flows of personal data to and from countries outside the Union are necessary for the expansion of international trade and international cooperation.*” Chapter V GDPR confirms the continued validity of the EU Model Clauses, while introducing several new and innovative mechanisms that organizations can use to facilitate international data transfers. We intend to continue using the EU Model Clauses as its preferred means of transferring personal data outside the EU.

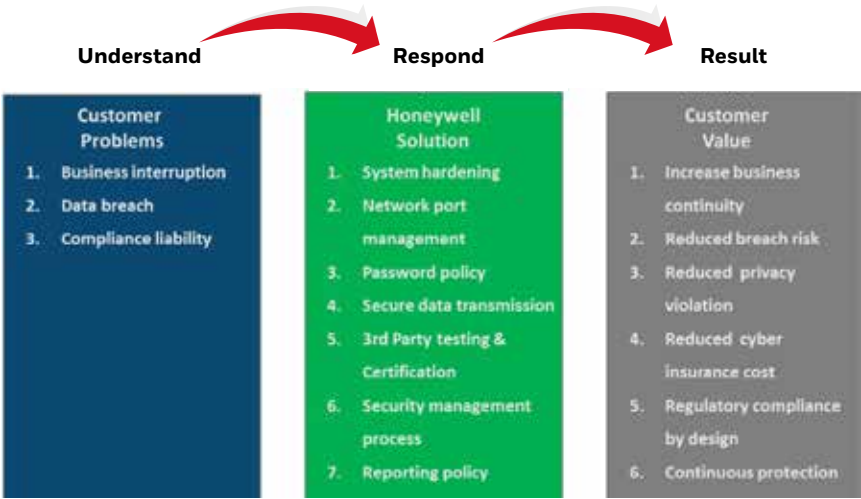
CYBERSECURITY

Modern IP technology can enable effective and manageable video surveillance to protect people, their information, their properties, and help ensure continuous operation. It can also create the potential for enhanced safety and security benefits for our society to prevent costly security incidents. However, the cyber security of IP technology has been challenged by the pace of technology transition and development, creating potential safety and economic risks.

Cyber-attacks at the local and global scale are on the rise, and according to a 2016 report published by Grant Thornton, the total estimated global financial loss associated with cyber security attacks is estimated to be U.S. \$315 billion each year. One example of a major cyber-attack occurred in the U.S. in October of 2016. Internet access was denied to many major websites, including Twitter, The Guardian, and CNN. This attack, which was the largest of its kind at that time, was conducted by a botnet virus called "Mirai" from infected Internet Protocol (IP) video devices on the internet.

Honeywell takes cyber security seriously and created a white paper to provide an overview of Honeywell's approach to cyber security, including its latest IP video surveillance products and systems designed to intelligently prevent dangerous attacks.

Please contact your Honeywell Security Sales representative to get the Honeywell Cybersecurity White Paper.



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.

CONTENTS

Stand-alone, Web-hosted Access Control NetAXS®-123 NetAXS-4	49
Software for Access Control and Integrated Systems WIN-PAK Software Family WIN-PAK 4.7 For Galaxy Integrated Access Control, Video and Intrusion	50-52
Managed Access Control WIN-PAK Central Station	53
WINMAG PLUS V06 Alarm Management System	54-55
Global Readers OmniAssure Touch luminaxx and credentials	56-59
Proximity Readers OmniProx™ Proximity Readers HID® Prox Compatible Cards	60-61
Smart Card Readers & Smart Credentials Omniassure™ 2.0 XS Smart Card Readers Omniassure 2.0 XS Multismart Readers 20 Smart Card Readers	62-69
Multi Technology Readers OmniAssure Multi Technology Credentials OmniClass 2.0 Multi Technology Readers	70-72
HL Series	73



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uk/products/access/](http://www.security.honeywell.com/uk/products/access/)

STAND-ALONE, WEB-HOSTED ACCESS CONTROL

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 TCP/IP Ethernet (EVL) or RS485. The NetAXS family also includes a 4 door controller version which seamlessly integrates with Honeywell's WIN-PAK software to enable more sophisticated installations. You can manage NetAXS-123 using the embedded browser, MAXPRO Cloud's secure cloud infrastructure, or WIN-PAK®'s integrated security suite.

Access control has never been this easy.

NetAXS-123



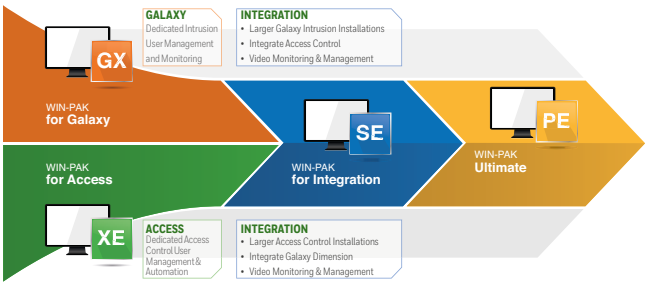
NetAXS-4



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

WIN-PAK SOFTWARE FAMILY

The WIN-PAK range comprises four editions to meet all security needs. Designed to evolve to meet changing business needs, WIN-PAK for Access (XE) provides a cost-effective access control only solution. The new WIN-PAK for Galaxy edition (GX) provides easy user management for Galaxy Dimension intruder alarm panels. WIN-PAK for Access and WIN-PAK for Galaxy can be easily expanded into integrated security solutions with WIN-PAK for Integration (SE) or WIN-PAK Ultimate (PE). Integrators also benefit from a single software solution for all of their customers security needs.



WIN-PAK Software Suite

The WIN-PAK software range is compatible with Windows 10, Windows 8, 2016 server and is qualified for VMWare



WIN-PAK for Access (XE)

Access Control Software

- Web interface for access control
- Functionality through a single work station
- Easily expandable to other editions

PART NUMBER	DESCRIPTION
WPX47	WIN-PAK SINGLE USER LICENSE

WIN-PAK Ultimate (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

PART NUMBER	DESCRIPTION
WPP47G	WIN-PAK PROFESSIONAL LICENSE

WIN-PAK for Integration (SE)

Access Control Software ideal for small to medium integrated security applications.

Software for five users and advanced video

- Web interface for access control
- Galaxy intrusion module support

PART NUMBER	DESCRIPTION
WPS47G	WIN-PAK FIVE USER LICENSE WITH INTRUSION AND ADVANCED VIDEO

WIN-PAK 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 XE 4.7, SE 4.7 and PE 4.7, build 1050.10 onwards
- Control and monitor access control hardware and devices from host platform

PART NUMBER	DESCRIPTION
SRVWPPAPI	WIN-PAK API DEVELOPER SUPPORT (NDA REQUIRED)

WIN-PAK 4.7 FOR GALAXY®

Honeywell's WIN-PAK 4.7 software solution provides a cost-effective way to integrate and manage access control, video surveillance and intrusion detection through a single interface.

Building upon WIN-PAK's legendary and robust workstation-based management system, WINPAK 4.7 provides an intuitive browser-based interface allowing users to perform common access control actions from virtually anywhere.

WIN-PAK 4.7 can be easily scaled from a single site up to a multi-region, enterprise level solution without placing restrictions on the number of users or sites being managed.

WIN-PAK 4.7 supports third party integrations such as HID's Mobile Access®, BioConnect® Suprema® and Morpho biometrics, pointof- sale systems, visitor management, and HR applications. Using WIN-PAK's API your software developers can create custom integrations to meet your integration needs



WIN-PAK 4.7

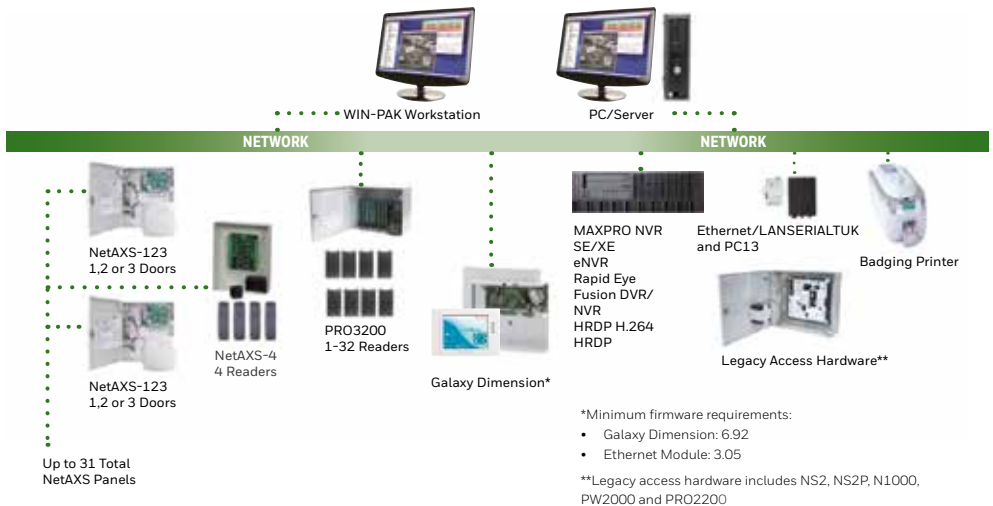
PART NUMBER	DESCRIPTION
WPG47	WIN-PAK GX 4.7 for Galaxy
WPX47	WIN-PAK XE 4.7 for Access
WPS47G	WIN-PAK SE 4.7 for Integration mount reader
WPP47G	WIN-PAK PE 4.7 Ultimate
UPGRADES FROM WIN-PAK GX 4.7FORM FACTOR	
OM55BHONDT	Upgrade from WPG47 to WPS47G
UG45P47G	Upgrade from WPG47 to WPP47G

INTEGRATED ACCESS CONTROL

VIDEO AND INTRUSION

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 eNVR in addition to Fusion NVR/DVR, RapidEye 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 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 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 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



WINMAG PLUS V06

ALARM MANAGEMENT SYSTEM

Alarm management system with new design

WINMAG PLUS is a PC based management system, a technology specifically designed to meet high security, integration, workflows for integrators and end users.

WINMAG plus manages and controls the following applications under one common interface:

- Intrusion
- Fire
- Video
- Access control
- Rescue route technology
- Escape door control
- Building management systems
- Public address and Voice evacuation
- Open Technology such as OPC and BACNET
- HTML, AutoCAD

WINMAG plus V06 sets new standards in functionality, flexibility and quality. The large installed base around the globe demonstrates its outstanding quality and high customer satisfaction.



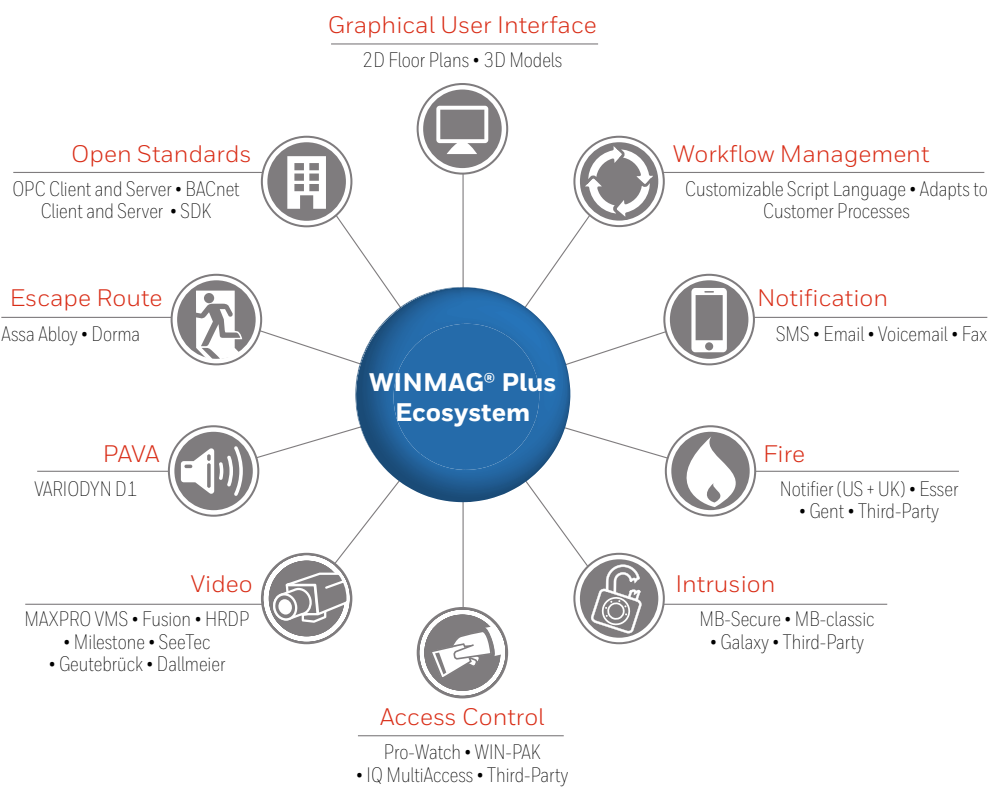
Advantages at a glance

Comprehensive building security through the integration of various sub-systems. The merging of all security sub-systems permits the immediate evaluation of an alarm situation, and predefined interaction between all the necessary measures. The unique performance features of WINMAG plus mean that you are in control. Combining intuitive system operation with advanced visualisation of emergency situations, WINMAG plus delivers a management system in which all workflows interact seamlessly via all sub-systems.

- Visualisation and active control of alarm components in intrusion and fire detection technology, access control and video technology, as well as control systems for escape route systems and emergency exits via a standard user interface
- Integration of voice alarm activation
- Building visualisation in 3D with the support of camera tracking through the building
- Import of AutoCAD graphics and 3D models
- Detector points are integrated in the 3D view
- Control of the camera angle permits a realistic assessment of the situation
- Multi-monitor operation
- Integrated via 150 interfaces
- Better integration of Honeywell video and fire detection systems
- Simplified preparation of action sequences via the script language SIAS
- Use of external tools, for instance Word, via user- configurable names and icons
- Hybrid operation permits independent control of individual locations
- Integration with visitor administration, video analysis, perimeter and guard control systems
- Configurable logging for optimum evaluation of all events via a web browser
- OPC add-ons
- New module for notification with delivery via e-mail, SMS and voice messages
- New pay-as-you-go licensing offers bespoke licensing of the scope of performance actually used, as well as ease of upgrading and conversion

WINMAG PLUS: A SYSTEM FOR ALL EVENTUALITIES

WINMAG plus adapts to the circumstances of the building, the requirements of the property as well as the respective security requirements. In high-value private residences as well as in company-wide buildings, even if multiple sites are to be centrally monitored.



OMNIASSURE™ TOUCH

Mobile Ready Multi-Technology Readers



OmniAssure Touch™ from Honeywell is a powerful range of access control readers that support high-frequency 13.56 MHz smart credentials, multiple low-frequency prox credential technologies as well as mobile credentials via 2.4 GHz BLE.

OmniAssure Touch is available in mullion and wall switch sizes both with and without keypad for installations requiring two-factor authentication. Providing a powerful platform for not only migrating legacy prox, OmniAssure Touch also supports a wide variety of panel communication protocols including Wiegand, Clock-and-Data, TTL, RS-485 and OSDP Secure Channel Protocol (SCP).



With integrations to Honeywell's integrated security suites including WINMAG, WIN-PAK and Pro-Watch, OmniAssure Touch provides a comprehensive solution that helps deliver next generation technology in an easy to deploy and manage platform.



The integrations mean no third-party web portals to navigate when deploying mobile credentials, simply provision credentials directly from the software's badging section similar to a physical credential.

OmniAssure Touch readers are field configurable via mobile app for changing individual reader settings such as panel communication mode, credential support, and customizing LED and buzzer settings meaning no more configuration cards as well as no more complicated part numbering and ordering process. Pick a form factor, keypad option, housing color and which credential technologies that need to be supported and that's it. Simple. Adaptable. Secure.

Key Features & Benefits

- Ultra Secure**
End-to-end encryption using the latest cryptography standards of DESFire EV2 and OSDP Secure Channel Protocol (SCP)
- PKI and certificate based mobile credentials ensure mobile, BLE-based credentials are protected and secure
- Multi-factor authentication with capacitive touch keypad to suit multiple applications available on all form factors
- Comprehensive Solution**
Save time deploying mobile credentials directly through Honeywell's WINMAG, WIN-PAK and Pro-Watch integrated security suites
- Real-time revocation of mobile credentials via over-the-air (OTA) updates with Honeywell's Vector Occupant App
- Utilize Honeywell's Vector Occupant App for indoor wayfinding, one-click temperature feedback and real-time space ratings*
- Exceptional Adaptability**
User friendly mobile credentials eliminate the hassle of presenting a phone to the reader to gain access
- Upgrade friendly allows for easily migrating legacy prox to smart and mobile technologies
- Maximum flexibility with ISO14443-compliant credentials and readers that are interoperable with third-party devices and compatible with Wiegand and RS-485 cabling

OmniAssure™ Touch, Mobile Ready Multi-Technology Readers

POWER SUPPLY (ALL MODELS):				7.0 V TO 18 V DC (12 V RECOMMENDED)							
	PART NUMBER	DESCRIPTION:	MAX READ RANGE:	WATTS		mA					
						AT 7 V DC		AT 12 V DC		AT 18 V DC	
				AVG	PEAK	AVG	PEAK	AVG	PEAK	AVG	PEAK
	OT3300BHONG	OmniAssure Touch MultiTech Mullion 0k	2.5" / 63 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
	OT3312BHONG	OmniAssure Touch MultiTech Mullion 12k	2.5" / 63 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
	OT4800BHONG*	OmniAssure Touch MultiTech Square 0k	2.5" / 63 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
	OT4816BHONG*	OmniAssure Touch MultiTech Square 16k	2.5" / 63 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
	OT3200BHONG	OmniAssure Touch SmartTech Mullion 0k	3.0" / 76 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
	OT3212BHONG	OmniAssure Touch SmartTech Mullion 12k	3.0" / 76 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21
	OT4700BHONG*	OmniAssure Touch SmartTech Square 0k	3.0" / 76 mm	3*	3.85	0.43*	0.55*	0.25*	0.32*	0.17*	0.21*
	OT4716BHONG*	OmniAssure Touch SmartTech Square 16k	3.0" / 76 mm	3	3.85	0.43	0.55	0.25	0.32	0.17	0.21

*Not available in US, CAN, or LATAM

GLOBAL READERS

LUMINAXS AND CREDENTIALS



Touchless reader with 2, 16 or without keys The “luminAXS” reader is suitable for access control systems and for arming and disarming intruder systems. The narrow, flat and rugged housing allows the reader meet modern architectural design requirements. Readers with the illuminated ring can be programmed according to the customer's requirements.

The readers are available with a wiegand interface to ensure that a wide range of applications are possible.



LED displays/ light ring

The colours of the light ring (green, yellow and red) are controlled by the panel during normal operation. However, this can be customised using the optional Configuration Tool.

In addition, the keypad backlight and integrated buzzer provide the user with clear feedback during operation.

Interfaces

The luminAXS series readers can be easily integrated with Honeywell access control and intrusion detection systems via the standard wiegand interface.

Mounting Frames

The readers are supplied with a mounting frame, meaning that the reader can be mounted quickly and simply, without a European gangbox.

Optimal accessories

The functional housing is supplemented by the optional visual cover and a wall plate for surface mounting



Option visual cover

LUMINAXS

SPECIFICATIONS

Rated operating voltage	+12 V DC
Rated operating voltage range	9 to 15 V DC
Power consumption (stand by) Mifare	<40mA
Interface	Wiegand
Reading technology	MIFARE DESFire EV1/EV2, MIFARE Classic
Type of protection EN 60529	IP65
Environmental class as per VdS	III
Operating temperature	-25 °C to +65 °C
Storage temperature	-30 °C to +70 °C
Reading distance	≥ 3 cm with ID card EV2 ≥ 1,5 cm with Key ring EV2
Dimensions reader (W x H x D)	80,4 x 80,4 x 13,5 mm
Dimensions wallplate (W x H x D)	80,4 x 80,4 x 6 mm
Dimensions visual cover (W x H x D)	95 x 89,2 x 50 mm
Colour	graphitegray (similar to RAL 7024)

ORDER INFORMATION PRODUCTS

PART NUMBER	DESCRIPTION
LU4500BHONA	luminAXS MifareD wiegand reader
LU4516BHONA	luminAXS MifareD 16key wiegand reader
LU4502BHONA	luminAXS MifareD 2key wiegand reader
LU45BHONA	luminAXS MifareD wiegand reader no LR

ORDER INFORMATION ACCESSORY

LU45BB	luminAXS wall plate for surface mounting
LU45COV	luminAXS visual cover
LU45USBCONF	Configuration tool usb
LU45SCR	Cap, screw cover, set, luminAXS

ORDER INFORMATION CREDENTIALS

ODPEV28N38	Mifare DesFEV2 8k Card 38bit-OmniAss&lum
ODKEV28N38	Mifare DesFEV2 8k Key 38bit-OmniAss&lum

PROXIMITY READERS



OmniProx is a range of 125 kHz HID and EM4102 compatible proximity readers.







The OmniProx credentials are available in 125 kHz HID Prox only. All OmniProx readers (except the OP90 and OP95) 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 and OP95 (with Keypad) vandal resistant readers come standard in a zinc die-cast metal housing.

PROXIMITY READERS







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	HOLD WIRE
	OP10HONS	Mini Mount reader	7.6 cm	Black, grey and ivory coloured bezels With embossed Honeywell logo	Pigtail	125kHz HID Prox compatible and EM4102 technology	Optical	Available suitable for IN / OUT reader in NetAXS-123
	OP30HONS	Mullion mount reader	8.9 cm	Black, grey and ivory coloured bezels With embossed Honeywell logo				
	OP40HONS	US single-gang back box compatible reader	10.2 cm	Black, grey and ivory coloured bezels With embossed Honeywell logo				
	OP45HONS	UK / EU single-gang back box compatible square reader	8.9 cm	Black, grey and ivory coloured bezels With embossed Honeywell logo				
	OP90HONS	Vandal resistant wall mount reader	5.1 cm	Zinc- diecast metal With embossed Honeywell logo				
	OP95HONS	Vandal resistant wall mount keypad reader	3.5 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.

OmniProx and 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	
	OHP0N34	PVC credit card size card		White	HID Prox compatible 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	
	OHP0N26						26 bit			
	OHP0M34	PVC credit card size card with unprogrammed magnetic stripe								
	OHP0M26									
	OHC0V34	Clamshell card with slot punch					34 bit			
	OHC0V26						26 bit			
	PXKEY3H	Key fob					Grey and Black			34 bit
	PXKEY3H26									26 bit

OMNIASSURE™ 2.0 XS

SMART READERS

The Honeywell OmniAssure 2.0 XS Smart readers provides a flexible range of access control readers for reading high frequency 13.56 MHz credentials. Honeywell OmniAssure 2.0 XS readers come with and without PIN keypad, with software controlled interface for Wiegand, Clock and Data, TTL and RS485. The field programmable capabilities future proof your investment.



Technologies

Honeywell OmniAssure 2.0 XS MultiSmart readers support:

- Modbus RTU y Modbus IP
- Permite la configuración de los parámetros de red NFC: Peer-to-peer and support for passive credentials and devices.

Multi-Credential Capabilities

The Honeywell OmniAssure 2.0 XS Smart reader can be configured to support up to five different credential sets. Each set defines: credential type, input data handling, output data format. This feature enables the use of a mixed credential population with different credential types, data encodings and security settings, making the Smart Reader XS ideal for transitioning credential populations to new systems.

Security Features

Honeywell OmniAssure 2.0 XS readers provide standard security features:

- Tamper Detection: To detect opening of the reader housing, signaling is provided through customer defined actions.
- Key Store: Each reader contains uniquely AES encrypted key storage for reader and credential security keys.
- Key Diversification: Available on all supported technologies to provide higher security by uniquely securing the data on the credential.

OmniAssure™ 2.0 XS Smart Readers Technical Specifications

ENVIRONMENT	
USAGE	Indoor and Outdoor
HUMIDITY	0 – 95% non-condensing
TEMPERATURE	–15°F to 150°F (–25°C to 65°C)
PROTECTION CLASS	IP55 IP54 for PIN models
MECHANICAL	
DIMENSIONS	5.63" × 1.8" × 1.0" (H × W × D) 143.0 mm × 46.0 mm × 25.0 mm
MATERIALS	UL94 V0 LEXAN
TECHNOLOGIES	
ISO14443-3A	MIFARE Classic, MIFARE Ultralight
ISO14443-4A	MIFARE DESFire EV1 and EV2 (and version 0.6), SmartMX
ISO14443-4B	Infineon, Atmel, STMicroelectronics
NFC	Active mode on all models
LOW FREQUENCY-PROX	HID Prox, AWID, QuadraKey, EM4102 and GE/CASI® ProxLite

ORDERING

READERS	
OT30BHONCST	OmniAssure 2.0 XS Smart Reader
OT35BHONCST	OmniAssure 2.0 XS Smart Reader with PIN
ACCESSORIES	
OT3XBHONCBB	5mm Back plate with cable drain for OT3x reader
OT3XBMOUNTC	OmniAssure mullion to back box adapter mount with PIN
OT3XBMOUNTC	5mm Back plate with cable drain for OT3XBMOUNTC

OMNIASSURE™ 2.0 XS

MULTISMART READERS

The Honeywell OmniAssure 2.0 XS MultiSmart readers provides a flexible range of access control readers for reading high frequency 13.56 MHz and low frequency 125 kHz Prox credentials. Honeywell OmniAssure 2.0 XS readers come with and without PIN keypad, with software controlled interface for Wiegand, Clock and Data, TTL and RS485. The field programmable capabilities future proof your investment.



Technologies

Honeywell OmniAssure 2.0 XS MultiSmart readers support:

- ISO14443-3A: MIFARE® Classic, MIFARE Ultralight®.
- ISO14443-4A: MIFARE DESFire® EV1, EV2 and V0.6, SmartMX.
- ISO14443-4B: Infineon, Atmel and STMicroelectronics.
- NFC: Peer-to-peer and support for passive credentials and devices.
- Low Frequency - LF Prox: EM4102 and credentials programmed for HID®, AWID®, QuadraKey and GE/CASI® ProxLite® LF Proximity credentials.

Multi-Credential Capabilities

The Honeywell OmniAssure 2.0 XS MultiSmart reader can be configured to support up to five different credential sets with up to two low frequency credentials. Each set defines: credential type, input data handling, output data format. This feature enables the use of a mixed credential population with different credential types, data encodings and security settings, making the MultiSmart XS ideal for transitioning credential populations to new systems.

Security Features

Honeywell OmniAssure 2.0 XS readers provide standard security features:

- Tamper Detection: To detect opening of the reader housing, signaling is provided through customer defined actions.
- Key Store: Each reader contains uniquely AES encrypted key storage for reader and credential security keys.
- Key Diversification: Available on all supported technologies to provide higher security by uniquely securing the data on the credential.

OmniAssure™ 2.0 XS MultiSmart Readers Technical Specifications

ENVIRONMENT	
USAGE	Indoor and Outdoor
HUMIDITY	0 – 95% non-condensing
TEMPERATURE	–15°F to 150°F (–25°C to 65°C)
PROTECTION CLASS	luminAXS MifareD 2key wiegand reader
MECHANICAL	
DIMENSIONS	5.63" × 1.8" × 1.0" (H × W × D) 143.0 mm × 46.0 mm × 25.0 mm
MATERIALS	UL94 V0 LEXAN
TECHNOLOGIES	
ISO14443-3A	MIFARE Classic, MIFARE Ultralight
ISO14443-4A	MIFARE DESFire EV1 and EV2 (and version 0.6), SmartMX
ISO14443-4B	Infineon, Atmel, STMicroelectronics
NFC	Active mode on all models
LOW FREQUENCY-PROX	HID Prox, AWID, QuadraKey, EM4102 and GE/CASI® ProxLite

ORDERING

OT31BHONCSQT	OmniAssure 2.0 XS MultiSmart
OT36BHONCSQT	OmniAssure 2.0 MultiSmart XS PIN

20 SMART CARD READERS








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 can retro-fit any Wiegand output reader, including standard HID® or Honeywell proximity readers. Smart card technology is ideally suited for access control,

logical (PC) access, storage of biometric templates, parking, secure ID's with embedded tamper-proof digital photos, ePurse and many other applications requiring secure and reliable read/write cards.

Leveraging HID's Mobile Access™ platform, OmniClass now offers optional Bluetooth® capability allowing users to use a compatible smartphone as a credential. Readers can be ordered in either mobile-ready (ready for mobile credential use except mobile keys are not loaded) or mobile-enabled (mobile keys are loaded and enabled for use with mobile credentials) configurations.

OmniClass 2.0 Smart Card Readers






	PART NUMBER	MOBILE READY	FORM FACTOR	MAX READ RANGE*	COLOUR	CONNECTION	COMPATIBLE CREDENTIALS	TAMPER	HOLD WIRE
	OM15BHOND	Mobile enabled	Long mullion mount reader	8 cm	Black	Pigtail	13.56 MHz OmniClass, iCLASS, iClass SE, iClass SR, SEOS, SE for Mifare and SE for DESFire EV1	Optical	Yes
	OM15BHONDT					Terminal block			
	OM17BHOND	Pigtail	Secure Identity Object™ (SIO) on iCLASS Seos, iCLASS SE/ SR, MIFARE DESFire EV1 and MIFARE Classic Standard iCLASS Access Control Application ISO14443A (MIFARE, DESFire, NFC) CSN, ISO14443B CSN, ISO15693 CSN						
	OM17BHONDT					Terminal block			
	OM30BHOND	Mobile enabled	Mullion mount reader	Pigtail		Mullion mount reader			
	OM30BHONDT			Terminal block					
	OM32BHOND			Pigtail		Mini-mullion size suited for mullion-mounted			
	OM32BHONDT			Terminal block					
	OM40BHOND	Mobile enabled	EU, UK and US single- gang back box compatible reader	12 cm		Pigtail	EU, UK and US single-gang back box compatible reader		
	OM40BHONDT					Terminal block			
	OM42BHOND					Pigtail	Wall switch size		
	OM42BHONDT									Terminal block
	OM55BHOND		EU, UK and US single- gang back box compatible reader with keypad	Pigtail		EU, UK and US single-gang back box compatible reader with keypad			
	OM55BHONDT			Terminal block					
	OM57BHOND	Mobile enabled	Wall switch size	Pigtail		Secure Identity Object™ (SIO) on iCLASS Seos, iCLASS SE/SR, MIFARE DESFire EV1 and MIFARE Classic Standard iCLASS Access Control Application ISO14443A (MIFARE, DESFire, NFC) CSN, ISO14443B CSN, ISO15693 CSN			
	OM57BHONDT			Terminal block					

* Based on iClass Credential maximum read range is affected by environmental conditions, surface the reader is mounted on and credential form factor and technology.




SMART CREDENTIALS

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			
	OKPON34	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			
	OKPON26						26 bit		OmniClass 2.0 Multi Technology readers			
	OKP2N34	PVC credit card size card					Purple and Black		OmniClass 16k16; 16kb, for 16 partitions	34 bit		OmniClass 2.0 Smart Card readers
	OKP2N26									26 bit		OmniClass 2.0 Multi Technology readers
	PXKEYH16K16	Key fob							34 bit			
	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	
	PVCHMF1KSE26				26 bit					
	PVCHDF8KSE				DESFire EV1 8kb, multiple applications		34 bit			
	PVCHDF8KSE26						26 bit			

SMART CREDENTIALS

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		OmniClass 2.0 Smart Card and Multi Technology readers							
	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	34 bit	Card number inkjet printed on the credential for easy identification and enrolment	OmniClass 2.0 Smart Card readers				
	OKH2N26								26 bit	OmniProx and HID prox compatible readers						
	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		OmniClass 2.0 Smart Card readers
	OKH2M26												26 bit	OmniProx and HID prox compatible readers		

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
	OFFP1N34	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	Legacy OmniAssure OT3 x HONBM Mifare Multi Technology readers
	OFFP1N26						26 bit		
	OFFK1N34	Key fob		Blue			34 bit		
	OFFK1N26						26 bit		
	OFFP1N00	PVC credit card size card		White With Honeywell logo		Unprogrammed Mifare			Legacy OmniAssure OT3 x HONBS (CSN*) OmniClass 2.0 (CSN*)
		OFFK1N00	Key fob							Blue

* CSN : Card Serial Number

24 MULTI TECHNOLOGY READERS

Technology is changing the way buildings operate – and it's changing business risks and opportunities along with it.

**OMNIASSURE™ TOUCH
FROM HONEYWELL**

our multi-technology readers provide piece of mind by leveraging the latest in encryption standards with PKI based mobile credentials and DESFire EV2 based smart cards that utilize 128-bit AES encryption with key diversification providing cutting edge protection against replay attacks and credential cloning. This powerful line of readers supports a wide variety of panel communication protocols including Wiegand, Clock-and-Data, TTL, RS-485 and OSDP Secure Channel Protocol (SCP). Rest assured that your building is ultra-secure.



HASSLE FREE

User friendly mobile credentials eliminate presenting your phone to the reader.



TAMPER RESISTANT

Intelligently wipes encryption and certificate data when reader tamper is detected.



MAXIMUM FLEXIBILITY

Global standards based credential and panel communications (ISO14443, OSDP), customize reader settings via mobile app.



UPGRADE FRIENDLY

Easily migrate legacy prox to smart and mobile technologies.



**MULTI-FACTOR
AUTHENTICATION**

Capacitive touch keypad available on all models for a variety of applications.

MULTI TECHNOLOGY READERS




OmniClass 2.0 Multi Technology Readers

	PART NUMBER	MOBILE READY	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	Yes	
	OM16BHOND T			Terminal block						
	OM17BHOND	Mobile enabled	Long Mullion mount reader	8.0 cm		Pigtail	Secure Identity Object™ (SIO) on iCLASS Seos, iCLASS SE/SR, MIFARE DESFire EV1 and MIFARE Classic Standard iCLASS Access Control Application ISO14443A (MIFARE, DESFire, NFC) CSN, ISO14443B CSN, ISO15693 CSN			
	OM17BHOND T					Pigtail				
	OM31BHOND		Mullion mount reader	6.4 cm		Pigtail	13.56 MHz iCLASS SE / SR, iCLASS SEOS, Mifare Classic, Mifare and DESFire EV1, 125kHz HID Prox EM4102 and AWID EM4102 and AWID			
	OM31BHOND T			Terminal block						
	OM32BHOND	Mobile enabled		8.0 cm		Pigtail	Secure Identity Object™ (SIO) on iCLASS Seos, iCLASS SE/SR, MIFARE DESFire EV1 and MIFARE Classic Standard iCLASS Access Control Application ISO14443A (MIFARE, DESFire, NFC) CSN, ISO14443B CSN, ISO15693 CSN			
	OM32BHOND T			Terminal block						
	OM41BHOND		US and EU single-gang back box compatible reader	11.4 cm		Pigtail	13.56 MHz iCLASS SE / SR, iCLASS SEOS, Mifare Classic, Mifare and DESFire EV1, 125kHz HID Prox EM4102 and AWID OM41BHOND T Terminal EM4102 and AWID			
	OM41BHOND T			Terminal block						
	OM42BHOND	Mobile enabled		12 cm		Pigtail	Secure Identity Object™ (SIO) on iCLASS Seos, iCLASS SE/SR, MIFARE DESFire EV1 and MIFARE Classic Standard iCLASS Access Control Application ISO14443A (MIFARE, DESFire, NFC) CSN, ISO14443B CSN, ISO15693 CSN			
	OM42BHOND T			Terminal block						
	OM56BHOND		US and EU single-gang back box compatible reader with keypad	11.4 cm		Pigtail	13.56 MHz iCLASS SE / SR, iCLASS SEOS, Mifare Classic, Mifare and DESFire EV1, 125kHz HID Prox EM4102 and AWID			
	OM56BHOND T			Terminal block						
	OM57BHOND	Mobile enabled		12 cm		Pigtail	Secure Identity Object™ (SIO) on iCLASS Seos, iCLASS SE/SR, MIFARE DESFire EV1 and MIFARE Classic Standard iCLASS Access Control Application ISO14443A (MIFARE, DESFire, NFC) CSN, ISO14443B CSN, ISO15693 CSN			
	OM57BHOND T			Terminal block						

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

MULTI TECHNOLOGY READERS

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 OT3 x HONBM and OmniProx
	OFH1N26						26 bit		
	OFF1N0034SP					Prox only according to your requirements on site code and card number range; Smart unprogrammed	34 bit (Prox only)		OmniAssure OT3 x HONBS (CSN*) and OmniClass 2.0 (CSN*) and OmniProx
	OFF1N0026SP						26 bit (Prox only)		

* CSN : Card Serial Number








HL SERIES

600lbs / 1200lbs Electric Locks

Honeywell HL Series electric locks include 600lbs and 1200lbs locks for different requirements. The HL locks are suitable for various door types – single, dual, inswing, outswinging, wooden, glass, frameless glass doors.

HL Series Locks

	PART NUMBER	MOUNT	HOLDING FORCE	VOLTAGE / CURRENT	DOOR CONTACT	ACCESSORIES
	HL-M0600	Surface Mount	About 600lbs	500mA/12 VDC, 250mA/24 VDC		HL-A2185 Armature Housing HL-A2006L L Bracket HL-A2006LZ L&Z Bracket HL-A2006AC Angle Bracket HL-A2185G Glass Door Bracket
	HL-M0600LS					HL-A2185 Armature Housing HL-A2006L L Bracket HL-A2006LZ L&Z Bracket HL-A2006AC Angle Bracket HL-A2185G Glass Door Bracket
	HL-M0600LS-D				Built-in	HL-A2185 Armature Housing HL-A2006L L Bracket HL-A2006LZ L&Z Bracket HL-A2006AC Angle Bracket HL-A2185G Glass Door Bracket
	HL-M1200		About 1200lbs			HL-A2012L Adjustable L Bracket HL-A2012LZ L&Z Bracket
	HL-M1200LS				Built-in	HL-A2012L Adjustable L Bracket HL-A2012LZ L&Z Bracket

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

INTRUDER DETECTION SYSTEMS

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.

CONTENTS

Intruder Detection Systems	75-81
Galaxy® Dimension	
Galaxy® User Manager – WIN-PAK for Galaxy	
Galaxy® Grade 2	
Galaxy® Flex+	
Galaxy Systems Accessories	82-93
Galaxy® Accessories Compatibility	
GX Remote Control App	
Galaxy® TouchCenter Plus	
Galaxy® User Interfaces	
Galaxy® Modules and Accessories	
Wireless peripherals range	
MAXPRO Cloud	
Sensors	94-107
Wireless Sensors	
Wired Sensors	
Wired Sirens	
ADPRO PRO E Sensors	



Scan for more
information about
intruder detection systems

[http://www.security.honeywell.com/
uk/products/intruder/](http://www.security.honeywell.com/uk/products/intruder/)

GALAXY® DIMENSION

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.



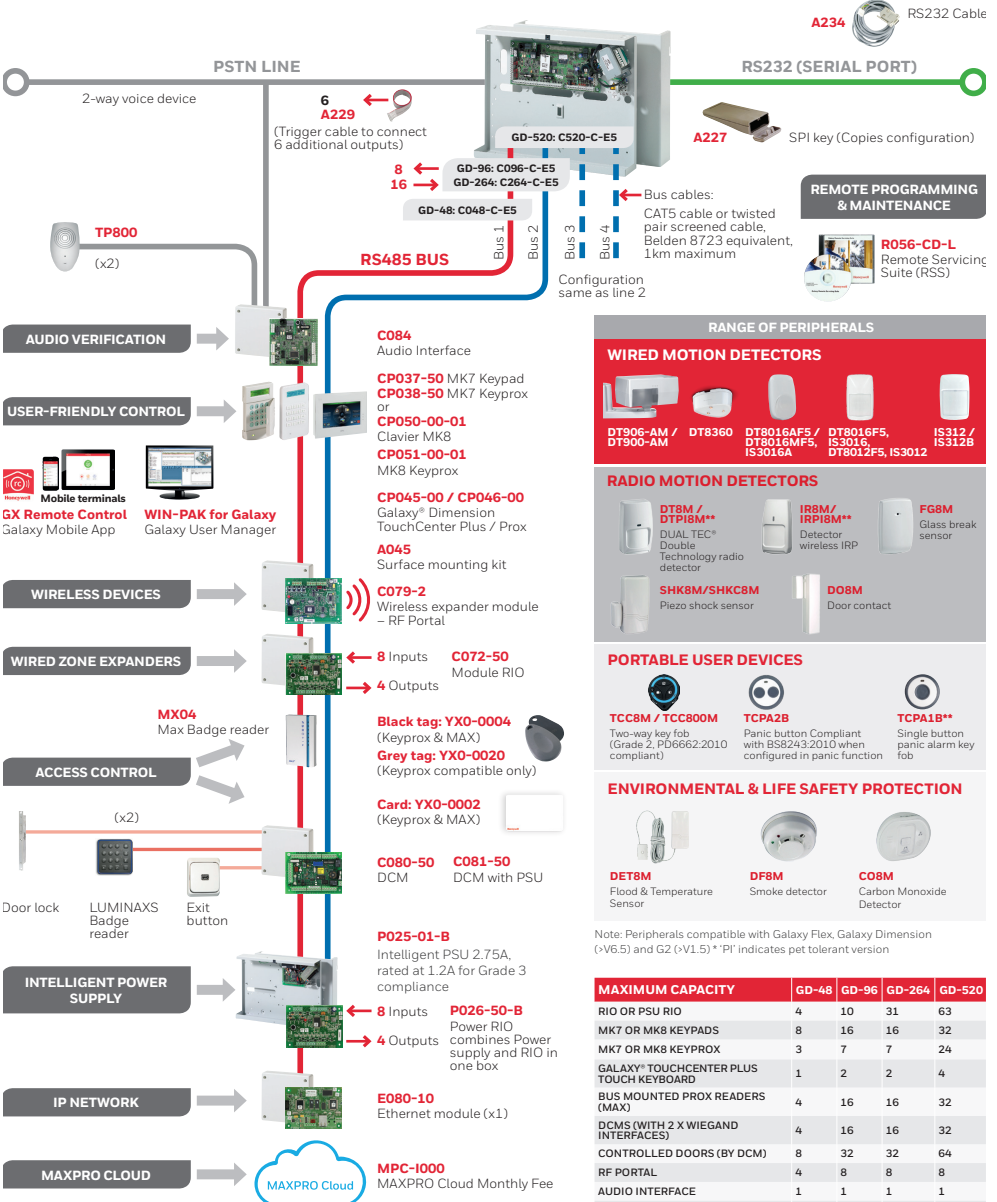
Galaxy Dimension Intruder System (Grade 3)



Part Number	Description	Wired/Wireless Zones	Keypad (Keyprox)	Controlled Doors	Wireless Portals	Users	Logs	Groups	Multi-Path
C048-D-E1	GD-48 Control Panel with PSTN dialer	16 - 48 zones, including 32 wireless	8 (3 keyprox)	8	4	100	1000 event log 500 access log	8	Communications via GPRS, Ethernet, PSTN
C096-D-E1	GD-96 Control Panel with PSTN dialer	16 - 96 zones, including 80 wireless	16 (7 keyprox)	32	8	250	1000 event log 500 access log	16	Communications via GPRS, Ethernet, PSTN
C264-D-E1	GD-264 Control Panel with PSTN dialer	16 - 264 zones, including 192 wireless	16 (7 keyprox)	32	8	1000	1000 event log 500 access log	32	Communications via GPRS, Ethernet, PSTN
C520-D-E1	GD-520 Control Panel with PSTN dialer	16 - 520 zones, including 192 wireless	32 keypads (24 keyprox)	64	8	1000	1000 event log 500 access log	32	Communications via GPRS, Ethernet, PSTN

GALAXY® DIMENSION

Hybrid intruder systems for larger installations



Visit: honeywell.com/security/uk/intruder

THE FUTURE IS WHAT WE MAKE IT

Honeywell

GALAXY USER MANAGER

WIN-PAK® for Galaxy®

WIN-PAK for Galaxy is an end-user software package that is designed to ease user management and monitoring of Galaxy intruder security systems. It is the perfect solution if you only require intruder user management, yet offers the ability to expand to a fully integrated security solution as business needs grow.

WIN-PAK for Galaxy allows users to manage up to five Galaxy control panels, across multiple sites from one location, reducing the need for costly site visits. It provides a more secure solution by reducing the time required to implement system changes, with automatic updates to control panels required.



Key Benefits

- Multiple control panel management: simplifies management of users across up to five Galaxy control panels, enabling common tasks to be carried out in just a few clicks
- Add and delete users in no more than 3 clicks
- Auto-update to all Galaxy panels including notification
- Galaxy user name, PIN and card number management
- Group choice and groups
- Enable card for arming and disarming in schedules
- Easy to use interface: provides specific Galaxy floor plans that clearly present key information, allowing quick identification of and response to alarms
- Advanced reporting: automate predefined or customised reports for less resource intensive management
- Highly scalable: allows users to start managing one Galaxy panel and can easily expand to command and control many Galaxy panels, full access control and video surveillance systems

PART NUMBER	DESCRIPTION
WPG4X1	WIN-PAK for Galaxy – single user – 1 Galaxy panel support
WPG4X5	WIN-PAK for Galaxy – single user – 5 Galaxy panel support
	UPGRADES
UG4X1GX5	WIN-PAK for Galaxy – single user upgrade from 1 to 5 Galaxy panels. Card with unprogrammed magnetic stripe
UG4X1S4G	WIN-PAK for Galaxy – single panel upgrade to WIN-PAK for Integration 1 user (more than 5 panels and access and video integration)
UG4X1S45GA	WIN-PAK for Galaxy – single panel upgrade to WIN-PAK for Integration 5 user (more than 5 panels and access and advanced video integration)
UG4X1P4	WIN-PAK for Galaxy – single panel upgrade to WIN-PAK Ultimate (more than 5 panels and access and video integration)
UG4X5S4G	WIN-PAK for Galaxy – 5 panel upgrade to WIN-PAK for Integration 1 user (more than 5 panels and access and video integration)
UG4X5S45GA	WIN-PAK for Galaxy – 5 panel upgrade to WIN-PAK for Integration 5 user (more than 5 panels and access and video integration)
UG4X5P4	WIN-PAK for Galaxy – single panel upgrade to WIN-PAK Ultimate (more than 5 panels and access and video integration)

GALAXY® GRADE 2

Galaxy Grade 2 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 Grade 2 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 Grade 2 Control Panels

COMPLIANT



PART NUMBER	DESCRIPTION	WIRED / WIRELESS ZONES	KEYPAD (KEYPROX)	CONTROLLED DOORS	WIRELESS PORTALS	USERS	LOGS	GROUPS	MULTI-PATH
C005-S-E1	Galaxy Grade 2 FX020 small box, 1A	12-20 zones including 20 wireless	4 (4 keyprox)	4	4	25	500 event log 500 access log	3	Communications via GPRS, Ethernet, PSTN
C005-M-E1	Galaxy Grade 2 FX020	12-52 zones, including 52 wireless	8 (8 keyprox)	8	8	100		8	
C006-M-E1	Galaxy Grade 2 FX050	12-100 zones including 100 wireless	8 (8 keyprox)	16	8	250	1000 event log 500 access log	16	
C005-L-E1	Galaxy Grade 2 FX020 large box, 2A	12-20 zones, including 20 wireless	4 (4 keyprox)	4	4	25	500 event log 500 access log	3	
C006-L-E1	Galaxy Grade 2 FX050 large box, 2A	12-52 zones including 52 wireless	8 (8 keyprox)	8	8	100		8	
C007-L-E1	Galaxy Grade 2 FX100 large box, 2A	12-100 zones including 100 wireless	8 (8 keyprox)	16	8	250	1000 event log 500 access log	16	

GALAXY[®] GRADE 2

Galaxy Grade 2 Kits

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
C005-E1-K01	Medium panel with MK7 Keypad	C005-E1-K11	Large panel with MK7 Keypad
C005-E1-K02	Medium panel with MK7 Keyprox	C005-E1-K12	Large panel with MK7 Keyprox
C005-E1-K03	Medium Panel with MK8 Keypad	C005-E1-K13	Large panel with MK8 Keypad
C005-E1-K04	Medium Panel with MK8 Keyprox	C005-E1-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

For more kit options, please contact your local distributor.

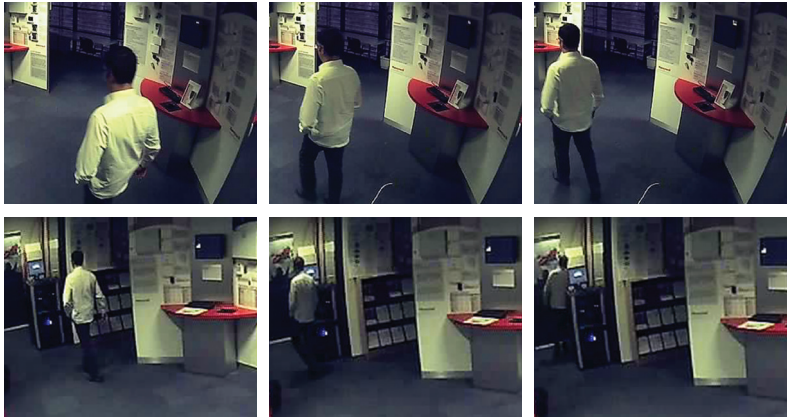
Visual Verification – ISN3010B4 Camera PIR

In addition to sequential and audio verification, Galaxy Grade 2 offers image sequence verification to confirm alarms. Using the 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



GALAXY® FLEX+

With Galaxy Flex+ you can now switch between security Grade 2 and Grade 3 – providing the right level of security for local regulatory compliance and automatic configuration for both security grades. Additional benefits include a lower inventory, reduced storage requirements and visible cost savings.

Galaxy Flex+ provides access to up to 100 zones through three powerful and feature rich control panel options. The highly versatile series has three different form factor options including robust polycarbonate housings with unique slots for expansion, RF and communication modules for easy and efficient installation and maintenance. With Remote Servicing Suite Flex+ offers unique management of multiple sites with remote maintenance and programming options. Integration options deliver the ability to combine Security with Building Management Systems and different 3rd party end user focused management tools.



PD0062-2010 ESSEAS ENS0131-1
COMPLIANT

Hybrid Grade 2/Grade 3 Intruder Control Panel Series

PART NUMBER	DESCRIPTION	WIRED / WIRELESS ZONES	KEYPADS / KEYPROXES	CONTROLLED DOORS	WIRELESS TRANSCEIVER/ RF PORTAL (GRADE 2 ONLY)	USERS	LOGS	GROUPS/ ZONES	MULTI-PATH
C015-L-E1	Galaxy Flex FX020+ large box, 2A	12-20 zones including 20 wireless	4 (4 keyprox)	4	4	25	1000 event log 500 access log	3	Communications via GPRS, Ethernet, PSTN
C016-L-E1	Galaxy Flex FX050+ large box, 2A	12-52 zones including 52 wireless	8 (8 keyprox)	8	4	100		8	
C017-L-E1	Galaxy Flex FX100+ large box, 2A	12-100 zones including 100 wireless	8 (8 keyprox)	16	8	250		16	

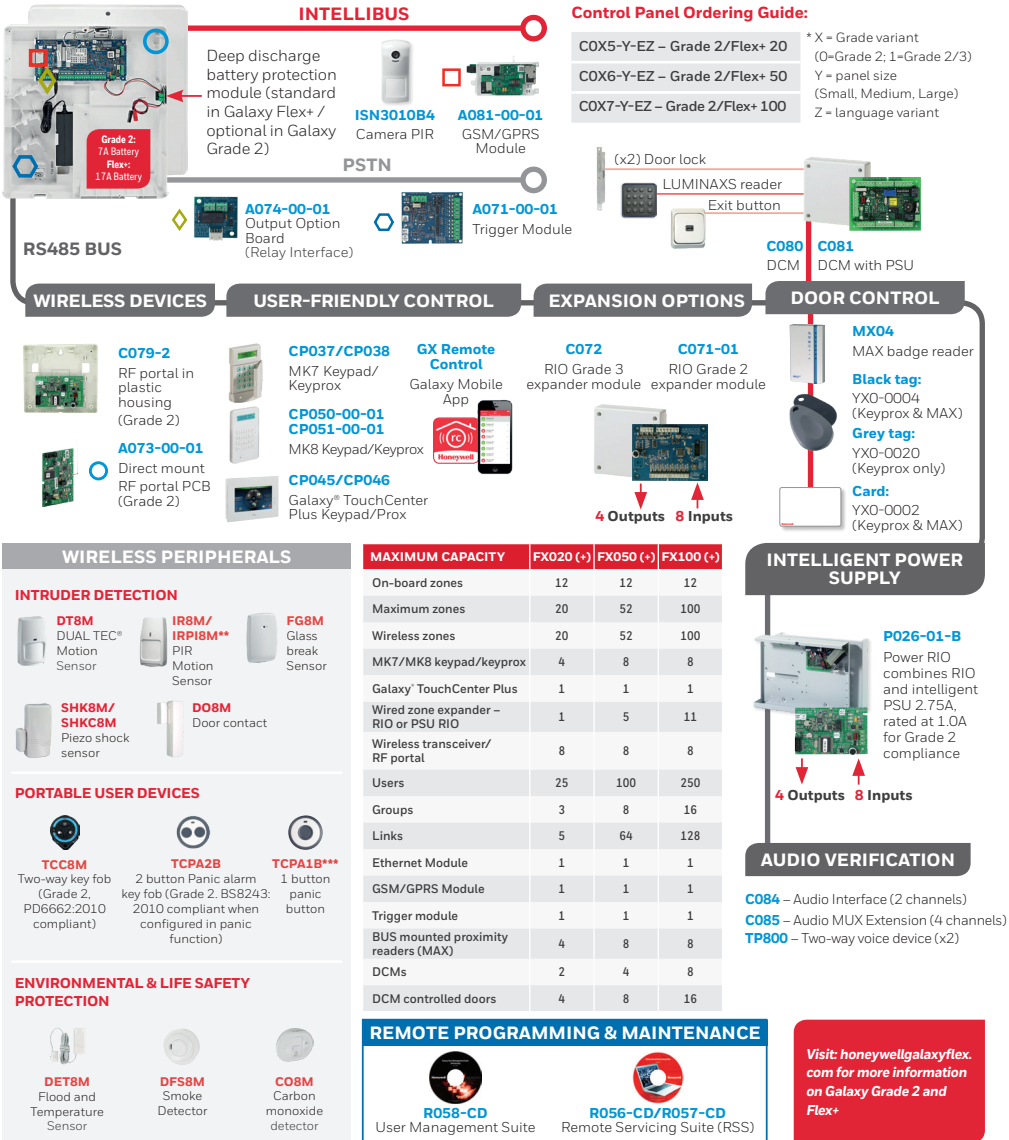
Galaxy Flex+ Kits

PART NUMBER	DESCRIPTION
C015-E1-K11	Large panel with MK7 Keypad
C015-E1-K12	Large panel with MK7 Keyprox
C015-E1-K13	Large panel with MK8 Keypad
C015-E1-K14	Large panel with MK8 Keyprox

GALAXY® FLEX+

Galaxy® Grade 2/Flex+ Architecture

Hybrid Grade 2/Grade 3 intruder control panel series for small to mid-sized installations



GALAXY ACCESSORIES

Compatibility

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

PART NUMBER	DESCRIPTION	GALAXY DIMENSION	GALAXY GRADE 2
A071-00-02	Galaxy Grade 2 trigger module		✓
A073-00-01	Galaxy Grade 2 Direct mount RF Portal PCB		✓
A074-00-01	Output option board/Relay module		✓
A077-00-01	Galaxy Grade 2 Mounting kit for Ethernet module		
A079-00	Dual Battery Monitor	✓	
A081-00-01	Galaxy Grade 2 GSM/GPRS module. High Speed		✓
A083-00	Galaxy Grade 2 Ethernet Module. High Speed		✓
A233	G2 2 way voice/audio device		
A303-S	Mounting bracket for GT-20/40 & E080-08 modules	✓	
C072	Galaxy RIO Grade 3 (Remote Input/Output)	✓	✓
C071-01	Galaxy RIO Grade 2 (Remote Input/Output)	✓	✓
C079-2	RF Portal	✓	✓
C080	Galaxy door control module (DCM)	✓	✓
C081	Galaxy door control module (DCM) with PSU	✓	✓
C084	Audio interface module for Galaxy Dimension	✓	✓
C085	Audio MUX Module	✓	✓
C086	Card reader interface	✓	✓
C087	SPI KEY programmer control system	✓	
CP037-01	Galaxy MK7 LCD keypad	✓	✓
CP038-01	Galaxy MK7 LCD keyprox with integrated ASK/HID reader	✓	✓
CP050-00-01	Galaxy MK8 LCD keypad	✓	✓
CP051-00-01	Galaxy MK8 LCD keyprox with integrated ASK/HID reader	✓	✓
E080-10	Galaxy ethernet module	✓	
GT00-NG	Galaxy GPRS/GSM Module		
GT20-NG	IP Communications Module	✓	
GT40-NG	GPRS/IP Communications Module	✓	
MX04	MAX4 Prox reader	✓	✓
P026-01-B	Boxed 2.75A power supply unit (PSU) with integrated RIO	✓	✓
R056-CD-L	Galaxy Remote Service Suite (RSS) with licence	✓	✓
R057-CD-DG	Galaxy Remote Service Suite (RSS) with dongle	✓	✓
R058-CD-DG	Galaxy User Management Suite (UMS) with dongle	✓	✓
TP800*	2 Way voice speaker-mic	✓	✓
YX0-0004	MAX Keytag	✓	✓
YX0-0020	ASK Proximity keytag (grey)	✓	✓

COMPATIBILITY KEY	
Galaxy Dimension	✓
Galaxy Grade 2	✓

*Galaxy Grade 2 and Dimension when used with the Audio Interface (Order Code: C084)
G2-44+ when used with the Audio Terminal Board (Order Code: A233)

GX REMOTE CONTROL

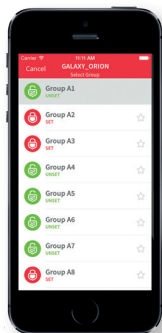
Free Galaxy Mobile App

Now with Push notification!



Access your Galaxy systems remotely anytime, anywhere for simpler security management. Home and business automation at your fingertips via the App.

- Control any electrical system such as air-conditioning/heating, gate/garage door and lighting with output control
- Manage up to 20 sites effortlessly
- Receive instant Push notifications to your mobile device
- One App for all your systems



SECURE, FAST & SIMPLE TO USE

- 10 second secure login
- Single touch event history
- Single touch system health



EASY TO LEARN AND OPERATE

- Easy to use interface, with built-in help
- Easy to operate on both smartphones and tablets



CONVENIENT

- Manage up to 20 sites from one smart device
- Single tap switch between sites and groups
- Effortless system arming/disarming in 3 modes (Full / Part / Night)
- System reset
- Customizable trigger selection for Push Notification

System requirements

PRODUCT TYPE	PRODUCT REF	PANEL FIRMWARE REQUIREMENTS	ADDITIONAL HARDWARE REQUIRED
GALAXY GRADE 2	C005-xx	3.17 for full functionality	A083-00-10 Galaxy Ethernet Module
	C006-xx		
	C007-xx		
GALAXY FLEX+	C015-xx	3.17 or 3.37 for full functionality	E080-10 Galaxy Ethernet Module
	C016-xx		
	C017-xx		
GALAXY DIMENSION	C048-xx	6.92 for full functionality	E080-10 Galaxy Ethernet Module
	C096-xx		
	C264-xx		
	C520-xx		

Note: Compatible with Galaxy Dimension and Galaxy Grade 2. Requires security installer support.

Three easy download options

1. Search for 'GX Remote Control' on either Google Play (for Android) or Apple App store (for iPad and iPhone).



2. Click on the app store icon to download the app now to your smart device.



3. Scan the QR code with your smart device to link directly to your app store.



GALAXY® TOUCHCENTER PLUS

Intuitive Touchscreen Keypad with Live Camera View

Galaxy TouchCenter Plus is a colour touchscreen keypad through which users can easily interact and operate Grade 2 and Grade 3 Galaxy Grade 2/Flex+ and Galaxy Dimension intruder alarm systems. Gain control at one's fingertips.

The intuitive touchscreen display has clear icons and menu driven prompts. TouchCenter Plus features a faster installation, reduced training needs and fewer service callouts – reducing operational errors and subsequent false alarms.

Clear and simple system management

TouchCenter Plus gives users the choice of operation via touchscreen, key tags, or RFID cards, making it easy to operate both intrusion and access control functions of the system. Even the largest multi-site systems are simple to manage. The intuitive interface and overview screens display system and zone status, groups, and events.

Keep in touch with home or business

The real-time Cam view features live streaming on demand, from local or remote IP cameras – giving users the ability to keep an eye on the interior and exterior of their homes and businesses. The convenient built-in Cam live view gives users the flexibility to monitor activity in a wide variety of areas.

Efficient building control

Through the building/home control feature, operating systems such as lighting, air-conditioning, and heating becomes easy.

Elegant design

The modern design of Galaxy TouchCenter Plus includes flush mount options to fit today's contemporary interiors and to ensure a sleek and slim look when mounted.



GALAXY® TOUCHCENTER PLUS

Picture the possibilities

The high-resolution (800x400p) touchscreen also doubles as a digital picture frame for residential and commercial customers. With the ability to display family photos, create slideshows, utilise MP4 video and audio players, and display advertisements, employee communications and logos, the Galaxy TouchCenter Plus is a true multi-purpose solution that adds value to any installation. Just picture the possibilities.

Features & Benefits



- Intuitive Galaxy security and access system management



- View live video streaming from IP cameras via Wi-Fi/ cable connection (monitor traffic, car parking, employee activity, kids playground etc)



- Aesthetic design with flush or wall mount options



- MP4 video & audio player with advertisement/ photo frame option



- Output control enabling automation of building & home systems

Intruder Alarm Control Panels Compatibility

DESCRIPTION	KEYPADS	SOFTWARE
Alarm system	Max. No. keypads	Min. panel software version
Galaxy Grade 2/Flex+ 20/50/100	1	3.xx
Galaxy Dimension 48	1	6.xx
Galaxy Dimension 96/264	2	6.xx
Galaxy Dimension 520	4	6.xx

IP Cameras

DESCRIPTION	
equiP Series IP Cameras	Complete range of fully featured IP Cameras for medium to large installations
HDZ Series IP Cameras	Indoor and outdoor HDZ PTZ cameras
Performance IP Cameras	Affordable IP camera series for small to medium installations

NOTE: Please consult your Honeywell representative for details on specific IP cameras supported

Ordering and compatibility

PART NUMBER	DESCRIPTION
CP045-00	Galaxy TouchCenter Plus flush mount
CP046-00	Galaxy TouchCenter Plus flush mount (with prox)
A045	Wall mount for Galaxy TouchCenter Plus





GALAXY USER INTERFACES

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 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.










Galaxy Keypads and Keyproxes

	PART NUMBER	DESCRIPTION	BUTTONS	CONTROL & DISPLAY	TAMPER PROTECTION	DISTANCES	SET/ UNSET WITH PIN	EASY INSTALLATION	APPROVALS
	CP050-00-01	MK8 Keypad	Tactile backlit buttons	Full system control 32 alphanumeric backlit display	✓	Working distance up to 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 buttons	Full system control 32 alphanumeric backlit display	✓	Working distance up to 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	✓	Working distance up to 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	✓	Working distance up to 1000m	✓	✓	PD6662: 2004/2010 EN50131-1 Security Grade 3, Environmental Class II

GALAXY USER INTERFACES

Galaxy Keytags and Panic Buttons

	PART NUMBER	DESCRIPTION	ROLLING CODE ENCRYPTION	FEEDBACK ON ALL ACTIONS	INTRUDER WARNING	FUNCTIONS/ SOFTWARE	POWER	DIMENSIONS (MM)	APPROVALS	COM-PATIBILITY
	YX0-0004	Black MAX keytag (Keyprox and MAX)	✗	✗	✗	Set/Unset	N/A	45 x 30 x 2	N/A	✓✓
	YX0-0020	Grey ASK proximity keytag (Keyprox only)	✗	✗	✗	Set/Unset	N/A	50 x 30 x 7	N/A	✓✓
	TCC8M	4-button bi-directional key fob	✓	✓	Warning in event of intruder alarm when unset	Functions: Set/Unset, Partial set, Panic Alert and system status on request	3V CR2032 x 1 Low battery warning	56 x 48 x 9	EN50131 Grade 2, Class II Compliant with DD6662: 2010/BS8243:2010	✓✓
	TCC800M	4-button bi-directional keyfob with panic function	✓	✓	Warning in event of intruder alarm when unset	Functions: Set/Unset, Partial set, Panic Alert and system status on request	3V CR2032 x 1 Low battery warning	56 x 48 x 9	EN50131 Grade 2, Class II	✓✓
	TCE800M	Compact 4-button bi-directional key fob with panic function	✓	✗	✗	Functions: Set/Unset, Partial set, Panic Alert	3V CR2032 x 1	57 x 31.75 x 12.7	EN50131 Grade 2, Class II	✓✓
	TCPA2B	2-button multi-action panic alarm key fob	✗	✗	✗	Programmable setting/ unsetting	3V CR2032 x 1	40 x 14.5	EN50131 Grade 2, Class II Compliant with DD6662: 2010/BS8243:2010 when configured in panic function	✓ ¹ ✓ ²
	TCPA1B	Single button panic alarm key fob with one LED	✗	✗	✗	✗	3V CR2032 x 1	40 x 14.5	EN50131 Grade 2, Class II	✓ ¹ ✓ ⁴

COMPATIBILITY KEY	
Galaxy Dimension ¹	✓
Galaxy Grade 2 & Flex+	✓

Note: (1) using C079-2 RF portal, (2) from firmware V3.13 onwards, (3) from firmware V6.84 onwards, (4) with RF portal Firmware V3 onwards, (5) for G2 from firmware version 1.56 onwards.

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/ Galaxy Grade 2. 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
C079-2	RF portal in standalone enclosure	 
A073-00-01	Galaxy Grade 2 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
	C071-01	Galaxy RIO Grade 2 (Adds 8 zones and 4 outputs)	 
	C072	Galaxy RIO Grade 3 (Adds 8 zones and 4 outputs)	 

COMPATIBILITY KEY	
Galaxy Dimension	
Galaxy Grade 2 & Flex+	

GALAXY MODULES AND ACCESSORIES




Communications

	PART NUMBER	DESCRIPTION	COMPATIBILITY
	A081-00-01	Galaxy Grade 2 GSM/GPRS module	✓
	A071-00-02	Galaxy Grade 2 Trigger module (Adds 8 programmable trigger outputs)	✓
	A074-00-01	Output option board (Converts one output to Relay operation)	✓

PART NUMBER	DESCRIPTION	COMPATIBILITY
E080-10	Galaxy Ethernet module	✓ ✓
A083-00-10	Galaxy Grade 2 direct mount Ethernet module	✓

IP and GPRS communications modules

Offering fail-safe alarm signalling and remote servicing support for Galaxy.

	PART NUMBER	DESCRIPTION	COMPATIBILITY
	GT20-NG	IP Communications module	✓ ✓
	GT40-NG	GPRS/IP Communications module	✓ ✓
	GT00-NG	GPRS Communications module (no ethernet)	✓ ✓













PART NUMBER	DESCRIPTION	COMPATIBILITY
A077-00-01	Galaxy Grade 2 mounting kit for the Ethernet module	✓
A232	Trigger lead for G2 and Dimension	✓
A303-S	Mounting bracket for GT and E080 modules	✓

COMPATIBILITY KEY	
Galaxy Dimension	✓
Galaxy Grade 2 & Flex+	✓

GALAXY MODULES AND ACCESSORIES

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 Grade 2's versatile access control facilities to be exploited. Each DCM provides fully integrated security for up to two doors.

	PART NUMBER	DESCRIPTION	COMPATIBILITY
	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	 
	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).












PART NUMBER	DESCRIPTION	COMPATIBILITY
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	 
WPG4X1	WIN-PAK for Galaxy - Single user - 1 Galaxy panel support	
WPG4X5	WIN-PAK for Galaxy - Single user - 5 Galaxy panel support	
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
	C084	Audio interface module for Galaxy Dimension and Galaxy Grade 2	 
	C085	Audio MUX module for Galaxy Dimension	 
	TP800	2 way voice speaker-mic	 

	PART NUMBER	DESCRIPTION	POWER SUPPLY	BATTERY	COMPATIBILITY
	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)	 

COMPATIBILITY KEY	
Galaxy Dimension	
Galaxy Grade 2	

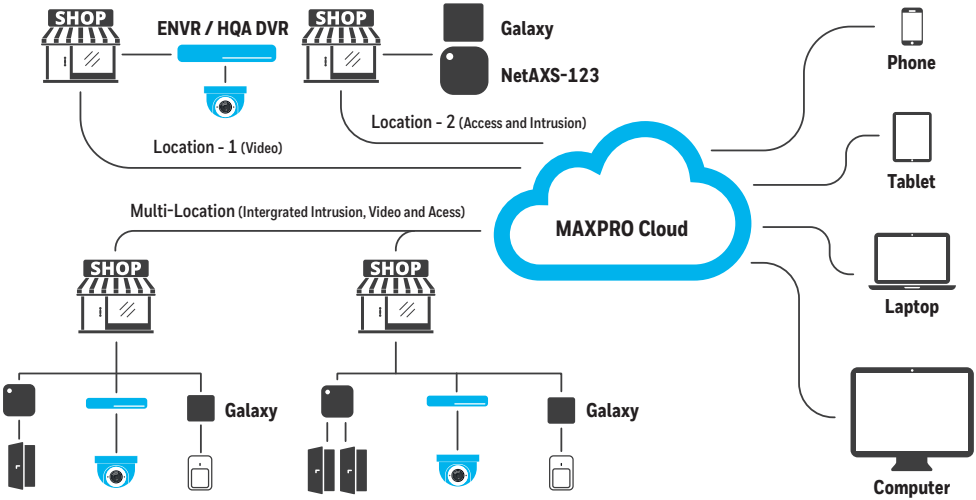
MAXPRO CLOUD

Integrated Video, Access and Intrusion management and monitoring

Honeywell's MAXPRO Cloud - a cloud based security solution integrates your Video, Access Control and Intrusion security in one easy to use platform. MAXPRO Cloud supports Galaxy Dimension and Flex, enabling you to control and monitor your intrusion security across installations, sites and locations from anywhere and from almost any device.



HOW DOES IT WORK?



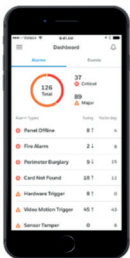
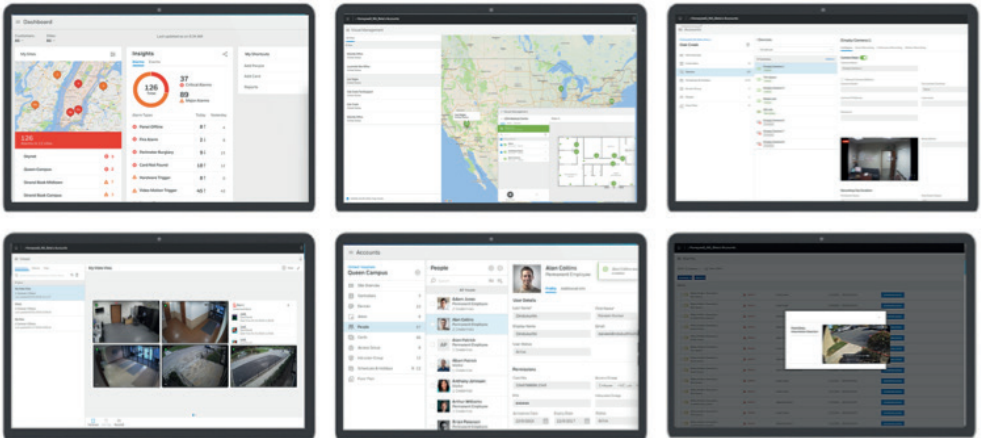
WHAT DEVICES CAN I CONNECT?



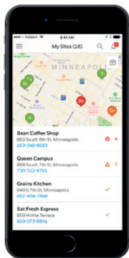
MAXPRO CLOUD

Key Benefits

- Manage your security across sites from one platform
- Integrates Video, Access Control and Intrusion
- Easy to use user interface
- Visual verification – can reduce false alarms
- Cloud based for enhanced availability and secure storage
- Expandable – grow with your needs, pay only for what you need
- Powerful and flexible account management
- Customisable event alerts and notifications
- Reduces management and maintenance times and costs
- Minimises up-front software and hardware costs



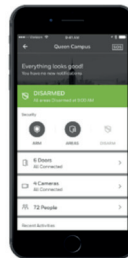
View your Dashboard



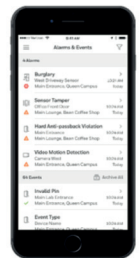
Manage Multiple sites



View Live Video



Live Control



View Alarms

For more information, please visit www.maxprocloud.com/uk

WIRELESS SENSORS

Honeywell's wireless sensors range offers customers 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.



IRPI8M / IR8M Wireless Passive Infrared Motion Sensor



Detection Range	11 x 12m (at 2.30m mounting height)
Technology	Patented Look-down Mirror available on IR8M only. 10 minute Auto test with active LED. Advanced dual slope temperature compensation.
Sensitivity	Selectable pulse count and sensitivity
Pet Friendly	Selectable pet immunity (0, 18 or 36 kg) available on IRPI8M only

Specification

POWER/BATTERY LIFE*	APPROVALS	ANTI-TAMPER	DIMENSIONS	OPERATING TEMP. RANGE	COMPATIBILITY
1 x CR123 Lithium 3V (LI03V) battery (supplied) Domonial: 4.5 years Galaxy: 3 years	EN/TS50131-2-2, EN50131-5- 3:2005, Grade 2, Environmental Class II	Front & rear cover	112 x 60 x 40mm	-10°C to 55°C	Galaxy Dimension, Galaxy Grade 2 and G2 with wireless receiver (C079-2) Domonial, Sucre Box and Total Connect Box

DT8M Wireless DUAL TEC® Motion Sensor



Detection Range	15m x 18m range with wide angle lens installed, 11m x 12m range with pet immune lens (supplied)
Technology	K-band microwave technology
Sensitivity	4 programmable levels
Pet Friendly	Up to 45 kg

Specification

POWER/BATTERY LIFE*	APPROVALS	ANTI-TAMPER	DIMENSIONS	OPERATING TEMP. RANGE	COMPATIBILITY
4 x 1.5V AA Lithium Batteries (supplied) V2GY: 3.5 years ALPHA: 5 years	CE, PD6662, EN 50131-1 and EN 50131-2-4, Security Grade 2, Environmental Class II	Case opening, Wall and Corner mounting	125 x 75 x 52mm	-10°C to 40°C	Galaxy Dimension, Galaxy Grade 2 and G2 with wireless receiver (C079-2), Domonial, Sucre Box and Total Connect Box

WIRELESS SENSORS

SHK8M / SHKC8M Wireless Piezo Shock Sensor



Detection Range	Radius of 2.5 m (depending on the type of mounting surface)
Technology	State of the art piezo sensing technology
Sensitivity	By potentiometer and DIP Switch
Colour options	SHK8M - White SHKC8M - White, with contact

Specification

POWER/BATTERY LIFE*	APPROVALS	ANTI-TAMPER	DIMENSIONS	OPERATING TEMP. RANGE	COMPATIBILITY
1 x CR123A Lithium 3V (LiO3V) battery (supplied) ALPHA: 5 years V2GY: 4 years	CE; EN50131-5- 3:2005, EN50131-2-6, Security Grade 2, EN50131-1, Environmental Class II	Front cover and wall mounting	88.9 x 40.6 x 30mm	-10°C to 55°C	Galaxy Dimension, Galaxy Grade 2 and G2 with wireless receiver (C079-2) Domanial, Sucre Box and Total Connect Box

FG8M Wireless Glassbreak Sensor



Detection Range	Up to 7.6m
Technology	FlexCore™ and Flexguard™ technologies offer advanced post sensing signal processing capabilities for unequalled false alarm immunity
Sensitivity	Four levels (7.6m – 4.6m – 3m – 1.5m)

Specification

POWER/BATTERY LIFE*	APPROVALS	ANTI-TAMPER	DIMENSIONS	OPERATING TEMP. RANGE	COMPATIBILITY
2 x CR123A Lithium 3V (LiO3V) batteries (supplied) ALPHA: 7 years V2GY: 6 years	CE; EN50131-1, EN50131-5- 3, Grade, 2 Environmental Class II	Front cover and wall mounting	115 x 720 x 27mm	-10°C to 55°C	Galaxy Dimension, Galaxy Grade 2 and G2 with wireless receiver (C079-2) Domanial, Sucre Box and Total Connect Box

* Protocol dependent



Detection Range	Built-in temperature sensor: Cold : 8°C (adjustable 2°C to 14°C) Hot : 26°C (adjustable 20°C to 32°C) Alarm signalling within 10 mins 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 mins Flood probe (one FP280 supplied): Alarm signalling within 60 secs
Technology	Patented 'Agile Routing', the system works with RF portals to automatically find the strongest bi-directional signal path and will continue to communicate until it gets an acknowledgment
Sensitivity	Precision range: +/- 1.75°C

Specification

POWER/BATTERY LIFE*	APPROVALS	ANTI-TAMPER	DIMENSIONS	OPERATING TEMP. RANGE	COMPATIBILITY
1 x CR123 Lithium 3V (LiO3V) battery (supplied) ALPHA: 7 years V2GY: 6 years	CE; EN50131-1, EN50131-5- 3, Grade 2, Environmental Class II	Front cover and wall mounting	89 x 40 x 30mm	-10°C to 40°C	Galaxy Dimension, Galaxy Grade 2 and G2 with wireless receiver (C079-2) Domanial, Sucre Box and Total Connect Box

WIRELESS SENSORS


DO8M DO800M2 Compact Wireless Door/Window Magnetic Contacts

	Technology	DO8M : white, DO800M2 : brown 'Alpha' radio protocol
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Specification

POWER/BATTERY LIFE*	APPROVALS	ANTI-TAMPER	DIMENSIONS	OPERATING TEMP. RANGE	COMPATIBILITY
1 x CR123 Lithium 3V (LI03V) battery (supplied) 5 year	EN50131-1 Security Grade 2, Environmental Class II	Front cover and wall mounting	100 x 22 x 23mm	-10°C to 55°C	Galaxy Dimension, Galaxy Grade 2 and G2 with wireless receiver (C079-2) Domonial, Sucre Box and Total Connect Box

DFS8M Wireless Smoke Sensor with Built in Sounder



	Detection Range	Detection 100m² (coverage area may vary depending on room layout)
	Technology	Optical smoke detection
	Sounder level	Built-in siren 85dB(A) @ 3m

Specification

POWER/BATTERY LIFE*	APPROVALS	ANTI-TAMPER	DIMENSIONS	OPERATING TEMP. RANGE	COMPATIBILITY
1 x sealed Lithium battery (supplied) 10 years	EN14604 - NF292	N/A	Ø120 x 45mm	0° to 40°C	Domonial, Sucre Box and Total Connect Box

* Protocol dependent

C08M Electrochemical Wireless Carbon Monoxide Sensor

	Technology	Electrochemical sensor	
	Sounder level	Piezoelectric siren 85dB(A) @ 3m	

Specification

POWER/BATTERY LIFE*	APPROVALS	ANTI-TAMPER	DIMENSIONS	OPERATING TEMP. RANGE	COMPATIBILITY
1 x sealed Lithium battery (supplied) Up to 6 years	BS EN 50291-1:2010 standard	N/A	120 x 105 x 45mm	-10°C to 40°C	Galaxy Dimension, Galaxy Grade 2 and G2 with wireless receiver (C079-2) Domonial, Sucre Box and Total Connect Box





WIRED SENSORS

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	OPERATING 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	-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	-10°C to 49°C	Separate trouble relay
	DT8016AF5	Intellisense Anti-Mask DUAL TEC® Dual Technology Detector with MaskAlert™	16 x 22m	9 ~ 15V DC, 9mA @ 14V DC	Advanced DualCore™ Signal Processing	X-Band technology Concurrent diagnostics, Built in EOL resistors	-10°C to 55°C	Separate trouble relay
	IS3016A	PIR Motion Sensor with Anti-Mask	16 x 22m	Current 7mA @ 12V DC	Cover and pry-off tamper switch	Built in EOL resistors	-10°C to 55°C	Separate trouble relay

WIRED SENSORS

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 Grade 2 and G2 ranges of hybrid control panels.

	PART NUMBER	DESCRIPTION	RANGE	POWER	TECHNOLOGY	TEMPERATURE	TAMPER	OTHERS
	DT7360-UK	Ceiling Mount DUAL TEC® detector	360° - 15m diameter	10 - 14.5V DC, 40mA @ 12V DC	K-Band technology, advanced DualCore™ Signal Processing	Operating temperature: -10°C to 55°C	Cover and pry-off tamper switch	N/A
	DT8016MF5	DUAL TEC® Dual technology detector	16m x 22m	9 - 15V DC, 9mA @ 12V DC	X-Band technology, advanced DualCore™ Signal Processing, Passive infrared part with Mirror optics	Operating temperature: -10°C to 55°C	Cover and pry-off tamper switch	Adjustable microwave, plug-in electronics and built in EOL resistors
	DT8016F5	DUAL TEC® Dual technology detector	16m x 22m	9 - 15V DC, 9mA @ 12V DC	X-Band technology, advanced DualCore™ Signal Processing	Operating temperature: -10°C to 55°C	Cover and pry-off tamper switch	Adjustable microwave, plug-in electronics and built in EOL resistors
	DT8012F5	DUAL TEC® Dual technology detector with Pet Immunity to 45 kg	12m x 17m	9 - 15V DC, 9mA @ 12V DC	X-Band technology, advanced DualCore™ Signal Processing	Operating temperature: -10°C to 55°C	Cover and pry-off tamper switch	Adjustable microwave, plug-in electronics
	IS3016	PIR Motion Sensor	16m x 22m	9 - 15V DC, 7mA @ 12V DC	Passive infrared Fresnel lens	Operating temperature: -10°C to 55°C	Cover and pry-off tamper switch	Built in EOL resistors, plug-in electronics
	IS3012	PIR Motion Sensor with Pet Immunity to 45 kg	12m x 17m	9 - 15.4V DC, 7mA @ 12V DC	Passive infrared Fresnel lens	Operating temperature: -10°C to 55°C	Cover and pry-off tamper switch	Plug-in electronics
	IS312 / IS312B	PIR Motion Sensor with Pet Immunity up to 36 kg	12m x 17m	9 - 15VDC, 9mA @ 12V DC	Passive infrared Fresnel lens	Operating temperature: -10°C to 55°C	Cover tamper switch	Wall and ceiling mount bracket (IS312B)
	IS25100TC	PIR Motion Sensor	30m x 6m	8.5 - 15V DC, 11mA @ 12V DC	Passive infrared Fresnel lens	Operating temperature: -10°C to 55°C	Cover and pry-off tamper switch	N/A

Honeywell | Full range of wired motion sensors

DT7360-UK



DT906AM-UK



DT900AM-UK



DT8016AF5



DT8016MF5



IS3016A



DT8016F5



IS3016



DT8012F5



IS3012



IS312



IS312B



More details on
the symbols

WIRED MOTION SENSOR IS3000 AND DT8000 SERIES



New wired PIR and DUAL TEC® motion detectors
Designed with the installer in mind,



Honeywell | Security



Interactive presentation of the new wired PIRs and DUALTEC® sensor range. It shows the features and benefits, and includes a replacement tool to migrate from the existing IS2500/DT7000 range to the new range. Available in English.

<https://play.google.com/store/apps/details?id=air.sensors.uk>





<https://itunes.apple.com/gb/app/honeywell-security-is3000/id1120635447?mt=8>

WIRED SENSORS

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	POWER / OUTPUT	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	7 to 16V DC / Form A reed relay	102 x 66 x 23mm (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	12V DC / Form C Relay	57 x 101 x 70mm (470-12) 25 x 51 x 13mm (470PB) (h x w x d)


Glassbreak 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	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	✗	✗

WIRED SENSORS

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	DESCRIPTION
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

SEISMIC MULTI-LINGUAL PRESENTATION



SC100



English

Seismic sensor series



Honeywell | Security

Interactive presentation of the SC100/SC105 seismic sensors and their accessories. It gives the main features and benefits of the product for the installers and for the end-users. It includes English, French, Dutch, Italian, Spanish, Czech, German and Russian versions in one App with flags to select the language from the home page.

<https://play.google.com/store/apps/details?id=air.sc100demo.animation>






<https://itunes.apple.com/gb/app/honeywell-security-sc100-seismic/id1122093907?mt=8>

WIRED SENSORS




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

	PART NUMBER	DESCRIPTION	WALK TEST	SENSITIVITY	5MA QUIESCENT	TECHNOLOGY	FIRST TO ALARM CAPABILITY
	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


	PART NUMBER	DESCRIPTION	WALK TEST	SENSITIVITY	5MA QUIESCENT	TECHNOLOGY	FIRST TO ALARM CAPABILITY
	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

WIRED SIRENS

Sirens

	PART NUMBER	DESCRIPTION	SOUNDER LEVEL	LENS COLOUR	POWER SUPPLY	BATTERY LIFE	FRONT & REAR ANTI-TAMPER	DIMENSIONS
	SP20ST	Indoor Siren	94.4dB @1m	No lens	9-18V DC	N/A	Cover tamper protected	110 x 95 x 46mm (h x w x d)



ADPRO PRO E PIR FOR OUTDOOR PERIMETER APPLICATIONS



Passive infrared detection

The ADPRO PRO E series of passive infrared detectors delivers exceptional perimeter protection. The PIR's are available in short and medium range volumetric models as well as medium and long range curtain models, so provide a high level of flexibility.

Via alarm outputs the PRO E PIRs work with Honeywell intruder detection systems. The full integration into the ADPRO FastTrace 2E, iFT and iFTE or HeiTel CamDisc(+) E and ipVG NVR platforms offer additional features and an alarm transmission with a full audit trail.

Suitable applications

- Critical Infrastructure
- Construction
- Power Generation
- Solar and Wind Farms
- Warehousing and Production
- Retail Supply Chain
- Logistics
- Sports Facilities
- Healthcare
- Education
- Government Buildings

Sophisticated Tamper Protection

All ADPRO PRO E-detectors monitor:

- Opening of detector housing and mounting bracket cover
- Horizontal, vertical and pitch alignment
- Slow horizontal movements with the help of an integrated switchable digital compass
- Removal from mounting surface
- Anti Masking

These features fulfill the highest tamper protection requirements and ensure reliable operation in the highest graded security applications.

Key Features and Benefits

- Up to 40% cost savings in comparison to other Outdoor PIR systems
- 360PROtect® - In-built creep zone detection that delivers 360° protection
- Short, medium and long ranges available, so ideal with large complex projects to small and compact
- Can be mounted up to 4 meters in height for greater protection against tamper and vandalism
- Universal cable managed bracket for both wall and pole mounting
- One man commission capability using the iCommission tool and free iCommission app
- H version available with up to 25% improved detection patterns and heater for installations where moisture and/or large variations in temperature can happen
- IP66 capability for a maximum outdoor protection against dust and water ingress
- Full IP integration possible though PoE IP modules

ADPRO PRO E PIR FOR OUTDOOR PERIMETER APPLICATIONS

Order references

PART NUMBER	DESCRIPTION
CH10055001	PRO E-18, PIR-PID, VOL, 24x21m, AA50 , BSS CMB HDPE filter
CH10055101	PRO E-18H, PIR-PID, VOL, 30x27m, AA50 , BSS, CMB, heater, SIWA filter
CH10053001	PRO E-18W, PIR-PID, VOL, 21x24m, AA90, CMB, HDPE filter
CH10053101	PRO E-18WH, PIR-PID, VOL, 27x30m, AA90, BSS, CMB, heater, SIWA filter
CH10063001	PRO E-30, PIR-PID, VOL, 30x20m, AA50 , BSS CMB HDPE filter
CH10073001	PRO E-40, PIR-PID, VOL, 40x10m, AA15 , BSS CMB HDPE filter
CH10023001	PRO E-45, PIR-PID, CUR, 50x3.3m, AA3.8 , BSS CMB HDPE filter
CH10023101	PRO E-45H, PIR-PID, CUR, 60x3.9m, AA3.8, BSS, CMB, heater, SIWA filter
CH10033001	PRO E-100, PIR-PID, CUR, 120x2.7m, AA1.3 , BSS CMB HDPE filter
CH10033101	PRO E-100H, PIR-PID, CUR, 150x3.3m, AA1.3, BSS, CMB, heater, SIWA filter
CH10100001	PRO E-400H, PIR-PID, CUR, 200x3.3m, AA1.3, BSS, CMB, heater, SIWA filter

Accessories

PART NUMBER	DESCRIPTION
CH12003001	iCommission, remote PRO E- series vertical alignment tool, WLAN controlled, cased
CH19000301	IFM-485-ST - Interface Module, bi-directional communication, w/ cables, w/ FW-/SW-CD. Please order article 2203 separately in case of using the interface module in conjunction with HeiTel Video Gateways.
CH12005001	PRO E-IPM- Pluggable IP module for connecting the ADPRO PRO E detector to a network, power is supplied via Power-over-Ethernet (PoE)
CH18000101	Telescope for precise adjustment of medium and long range PRO E detectors
CH12100001	PRO E-IFM-RF - USB Interface Module for PRO E-RF-detector configuration
49975600	PRO PIR Detector HLI (PIR-HLI) - License to enable the connection of up to 32 PRO PIR Detectors on RS485 datalink to FastTrace 2, FastTrace 2X, iFT, iFTE or iFT Gateway. Note: This license is needed in conjunction with the ADPRO iPIR (iPhone/iPad) Walktester App.
202483	CT PRO 2 - Walk Tester, 150m, 2.4GHz
CH11001201	Adapter for Alignment Telescope PRO E-Series PIR Detectors



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CONTENTS

Pro-Watch

Pro-Watch Ecosystem

Pro-Watch® 4.3.5 Security Management

109-
111



PRO-WATCH ECOSYSTEM

Honeywell's Pro-Watch® suite provides comprehensive and powerful security solutions to meet the needs of the most demanding security management requirements. The Pro-Watch® platform is composed of an interconnected ecosystem that enables organisations to optimise their security system to best fit their needs and goals. From logical and physical integration, to management of intrusion, access control and video surveillance, the Pro-Watch® ecosystem provides practical applications to manage every aspect of a security installation.

- **Alarm and Event Management**
View alarms and video data across multiple inputs using a single user interface while reducing training costs.
- **Video Surveillance**
Integrate IP and analogue components—cameras, DVRs, NVRs—and associate with entry points to view live or recorded video.
- **Logical Integration**
Configure and display device connectivity using predesigned templates to drive consistency and reduce set-up time.
- **Visitor Management**
Manage access control for employee/visitor badgeholders with built-in pre-registration, desktop notifications and watch lists.
- **Mass Notification**
Automate notification of informational or mission critical messages to individuals, groups or large communities.
- **Physical Integration**
Honeywell Software Development Kit (HSDK) ties building automation systems with security technology without the need to write code.

Access Management

- Web Clients • Mobile App • Controllers
- Mobile Credentials • Advanced Badging • Biometric Readers
- Wireless Readers • Offline Readers

Facility Manager (WINMAG)

- Workflow Management • Notification
- 3D Graphical User Interface
- Open Standards BMS Integration • Fire
- Intrusion • Access Control • Video
- Escape Route

Information Management Systems

- Comply • Notify
- Provision
- Third-Party IMS

Intrusion Management

- Galaxy • VISTA®
- Mercury®

Video Integration

- MAXPRO® VMS Recorders • Video Analytics
- Third-Party Video

Compliance Manager

- Compliance Reporting Tool
- Certification Management
- Auditing Tools
- Industry Standards

Visitor Management

- LobbyWorks®
- Third-Party Visitor Systems

API Web Service

- SOAP
- REST

Physical Integration (HSDK)

- Vindicator® • Smart Buildings
- Fire Systems



PRO-WATCH® 4.3.5 SECURITY MANAGEMENT

Honeywell's Pro-Watch® equips organisations with the right tools to protect people, secure assets and ensure regulatory compliance by combining access control, digital video, intrusion and other functions into one powerful system.

The Pro-Watch® suite offers base software licenses that address security needs from small sites to global enterprises.

Pro-Watch Lite Edition

- Basic functionality for the small business
- Support for up to 32 doors on PW-series panels
- Badging not included

Pro-Watch Professional Edition

- Complete security functionality for medium-sized organisations
- Support for up to 64 doors
- Suitable for organisations requiring integrated processes or regulatory compliance

Pro-Watch Corporate Edition

- Complete security for larger organisations and campuses
- Additional high availability options make this edition the optimal choice for organisations requiring 24/7 business continuity plans for their security system

Pro-Watch Enterprise Edition

- Global security system
- Merges multiple Pro-Watch Corporate Edition systems to efficiently manage badgeholder data and report on events across the organisation



**Scan for more
information
about ProWatch 4.3.5**

[security.honeywell.com/uk/
systems/ss/dealer](https://security.honeywell.com/uk/systems/ss/dealer)



PRO-WATCH® 4.3.5

SECURITY MANAGEMENT

The PW-Series modular control system is an advanced access control hardware architecture capable of providing solutions for large enterprise applications whilst the Intelligent Controller provides power and flexibility with its 32-bit architecture, TCP/IP support, flash memory, large local cardholder database and large reader and I/O module support. The new PW6K1ICE and PW6K1R1E form an Ethernet ready, cost effective system capable of controlling a single opening. The controller and reader module are configurable for either Wiegand or OSDP.



PW6K1ICE Single Door POE Intelligent Controller

- PoE or standalone power supply
- Supports one doors worth of I/O with IN and OUT readers
- PoE can power all door I/O devices such as readers, door position switch, request to exit and door strike
- Sized to be mounted at the door in an appropriate enclosure
- Supports up to 16 PW6K1R1E PoE reader modules on the same network subnet
- Supports up to 32 time zones per panel
- Triggers and procedures support
- Hard/soft/timed anti-passback

PW6K1IC Intelligent Controller

- Up to 12 intervals per time zone
- 9-digit (32-bit) user ID standard / 15-digit maximum
- Activation and deactivation dates by card
- Up to 32 access levels per card or individual time zones per readers
- Anti-passback support
- Up to eight card formats per reader
- Operating modes include locked, unlocked, facility code, card only, card and PIN, card or PIN, and PIN only
- PW6K1R2, PW6K1OUT, PW6K1IN Access Modules
- User programmable relay and alarm outputs
- RS485 communication to all modules
- Any combination of 32 I/O or reader modules may be connected to the PW6K1IC RS485 port
- Analogue to digital converter technology provides digital filtering and input conditioning
- Supports multiple reader and card formats for maximum flexibility and security options
- Supports Normally Open/Normally Closed supervised and nonsupervised circuits

PW6K1R1E Single Door POE

Reader Module

- PoE or standalone power supply
- Supports one doors worth of I/O with IN and OUT readers
- PoE can power all door I/O readers, door position, request-to-exit and door strike
- Sized to be mounted at the door in an appropriate enclosure
- Can be linked to either a PW6K1ICE or PW6K1IC controller
- Up to 16 PW6K1R1E single door PoE reader modules can be connected to a controller on the same network subnet

Enclosures and Power Supply

- **PW5K2ENC1** PW-Series high density enclosure (power supply and battery not included)
- **PW5K2ENC2** PW-Series high density enclosure for 19" rack installations (power supply and battery not included)
- **PW5K1ENC3** PW-Series remote enclosure
- **PW6K2E2PS** 12v 4Amp Power supply for PW6000 systems in PW5K2ENC1 and PW5K2ENC2 housings



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PRODUCT SHOWCASE v16

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HSG-SHOWCASE-09-UK(0919)SB-C
September 2019
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