Honeywell
THE POWER OF CONNECTED

Security



VIDEO SURVEILLANCE GUIDE 2018

VIDEO
SURVEILLANCE SYSTEMS

The reliability, integrity and dependability of our video systems ensure that you can meet all of your existing and future security challenges with complete confidence. Our solutions range from IP and analogue cameras and domes, and digital and network video recorders, through to intelligent video analytics and sophisticated video management systems.

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Scan for more information about video security products

http://www.security.honeywell.com/uk/products/video/index.html

IP Solutions

IP is the technology of the future with tremendous potential for growth and cost savings. Honeywell offers a complete IP solution – from our flagship video management platform and robust portfolio of recording solutions, to our IP camera family, which includes a full range of high definition cameras. And our Open Technology Alliance forges strategic relationships with thirdparty vendors to give you ultimate flexibility when designing IP security systems – so you can capitalize on our open IP architecture and use the third-party equipment you already have in place to hold down costs and transition to IP with confidence and ease.

So why IP?

Make quick and informed decisions

Superior image quality and full-frame-rate video, lets users quickly identify threats or issues thanks to clear pictures both up close or from afar.

Expand Business Applications

Video is not just for catching theft or other evidence, users can also monitor their businesses from anywhere through cloud type services and web based interfaces.

Reduce Total Cost of Ownership

Cost efficiencies and the convenience of leveraging existing network infrastructure helps reduce the overall cost of a system.

Improve Accessibility

No longer are users tied to their servers or stations to view their video. Mobility is the key for real-time access to video information and with cloud and web applications driven through mobile apps, users can access their video information anytime, anywhere.

Reduce Installation Time and Costs

IP solutions install quickly and easily with auto-discovery tools and because you see a wider field of view versus analogue cameras, you can install fewer cameras which can reduce costs.

Complete System Scalability

Add one camera at a time or hundreds; from entry-to-enterprise, IP video solutions are easy to scale no matter the application.



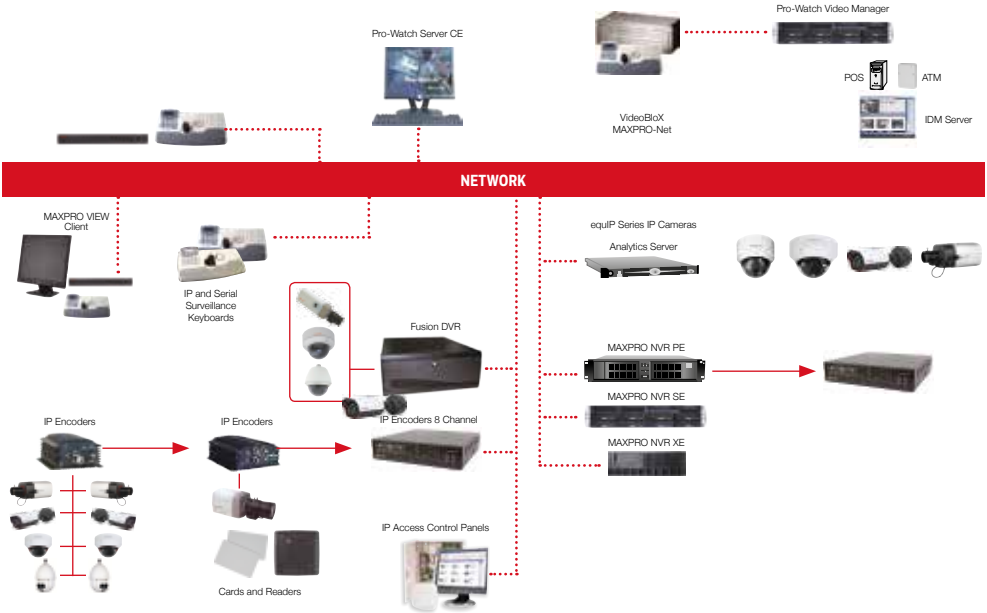
Video Management System

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.



Next Generation Vision MAXPRO VIEW Client Software

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



World Class, Scalable NVR

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



IP Network Solutions

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



Unified Command & Control UltraKey IP Controllers

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



Smarter Video, Smarter Decisions with Active Alert® Video Analytics

MAXPRO VMS 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.



Hosted Video Surveillance

Anytime, Anywhere. When it comes to security, cloud computing is changing how you can run your business. Honeywell Connected Security System (*) 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 IP video surveillance systems and offers opportunities for installers through hosted video services.



Honeywell Connected Security System*: Key Benefits

- Cloud-ready system saves you time – allows you to view and manage live or stored video events from any location via the Internet
- Reduces installation and training costs by not having to install and maintain onsite client software
- Fast and easy deployment – reduces need for IT expertise
- Provides opportunities for RMR through value added hosted video services
- Expandable – additional video storage is available by adding off-the-shelf USB plug-in storage or NAS storage
- Single Sign on to all installed locations
- Powerful and flexible account management of all customer locations
- Full remote monitoring, management and configuration of all devices
- Email alerts of critical site events, alarms and device health
- Back up storage of critical events in the cloud

PART NUMBER	DESCRIPTION
HENxx1x2	"Cloud ready" local storage: 2MP, H.264 4/8/16-channel NVRs (see more information on NVRs section)
HRHT4xxx	"Cloud ready" local storage: 4MP, 4/8/16-channel, HQA/CVBS/IP Hybrid DVRs (see more information on DVRs section)

(*): Available soon, please consult us for more information

Network Video Recorders (NVRs)

Ideal for small to medium-sized businesses, 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 NVR: Key Benefits

Open and easy to integrate

- Integrates with all Honeywell IP cameras and HVE Recorders
- Support for ONVIF Profile S, PSIA

Easy to Install and Use

- Pre-installed with all software and pre-licensed for up to 64 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 / Viewier

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 6 removable drives

PART NUMBER	DESCRIPTION	IP STREAMS	COMPRESSION	STORAGE	PERFORMANCE	DVD-RW	USB PORTS	INTERFACE	SYSTEMS	MAXPRO APP
 MAXPRO NVR PE	Boxed NVR	Up to 64 IP streams	MJPEG, MPEG-4, H.264 Compression (IP Camera dependent)	From 1TB to 48TB Storage	Up to 1920 fps @ 1080p (4 Mbps bitrate) HD	✓	6	User interface mimics MAXPRO VMS	Migration to larger MAXPRO VMS	✓
 MAXPRO NVR SE	Boxed NVR	Up to 64 IP streams	MJPEG, MPEG-4, H.264 Compression (IP Camera dependent)	From 1TB to 36TB Storage	Up to 1280 fps @ 1080p (4 Mbps bitrate) HD	✓	6	User interface mimics MAXPRO VMS	Migration to larger MAXPRO VMS	✓
 MAXPRO NVR XE	Boxed NVR	Up to 16 IP streams	MJPEG, MPEG-4, H.264 Compression (IP Camera dependent)	From 1TB to 12TB Storage	Up to 480 fps @ 1080p (4 Mbps bitrate) HD	✓	6	User interface mimics MAXPRO VMS	Migration to larger MAXPRO VMS	✓
 MAXPRO NVR Software Only	Flexible, scalable and open IP video surveillance system	Up to 32 IP streams	All required software applications and a licence for 4, 8, 16, 32 or 48 channels	✗	Up to 1920 fps @ 1080p (4 Mbps bitrate) HD	✗	✗	End user's IT department chooses appropriate hardware platform	Supports third party device integrations (PSIA and ONVIF)	✓

Embedded Network Video Recorder (NVRs)



IP Performance You Want at the Price You Need. Upgrading to IP has never been so easy and affordable. Our intuitive and cost effective Embedded NVRs have a user-friendly configuration process that takes you to live video after only minutes of setup time. With built in network switches that also supply power to the cameras, installing IP video has never been easier.

Honeywell's Embedded NVRs come in 4, 8 and 16 channel options plus value-priced "off-the-shelf" kits.

Key Features

- **Full PoE channels!** The 16 channel NVR has 16 PoE ports (lowers installation cost & saves time)
- Increased Power-over-Ethernet (Support more PTZs & outdoor cameras with heaters)
- USB 3.0 (back up clips faster)
- Up to 5MP IP camera support (perfect fit for 3MP Performance Series IP Cameras)
- Smart Search (enabling you to locate video footage with motion in a selected area) with the new Performance IP Cameras
- 8ch and 16ch uses AC mains power instead of two separate external (12V & 48V DC) power adapters
- NVRs now also available without hard drives

Performance Series IP Embedded NVRs

		PART NUMBER	DESCRIPTION	RECORDING RATE	REMOVABLE MEDIA
4 CHANNEL		HEN04102	H.264 4CH NVR, no HDD, 4 PoE	100 fps @1080p (PAL)	2 USB Ports (1 x USB 2.0, 1 x USB 3.0)
		HEN04112	H.264 4CH NVR, 1 TB, 4 PoE		
		HEN04122	H.264 4CH NVR, 2 TB, 4 PoE		
8 CHANNEL		HEN08102	H.264 8CH NVR, no HDD, 8 PoE	200 fps @1080p (PAL)	2 USB Ports (1 x USB 2.0, 1 x USB 3.0)
		HEN08112	H.264 8CH NVR, 1 TB, 8 PoE		
		HEN08122	H.264 8CH NVR, 2 TB, 8 PoE		
		HEN08142	H.264 8CH NVR, 4 TB, 8 PoE		
16 CHANNEL		HEN16102	H.264 16CH NVR, no HDD, 16 PoE	400 fps @ 1080p (PAL)	2 USB Ports (1 x USB 2.0, 1 x USB 3.0)
		HEN16122	H.264 16CH NVR, 2 TB, 16 PoE		
		HEN16142	H.264 16CH NVR, 4 TB, 16 PoE		
		HEN16162	H.264 16CH NVR, 6 TB, 16 PoE		
  	8 CHANNEL	HEN08104	H.265, 8CH NVR, 4K, 2 SATA, 8 PoE, no HDD	240 fps	2 (1 rear USB3.0; 1 front USB2.0)
		HEN08144	H.265, 8CH NVR, 4K, 2 SATA, 8 PoE, 4 TB		
	16 CHANNEL	HEN16104	H.265, 16CH NVR, 4K, 2 SATA, 8 PoE, no HDD	480 fps	2 (1 rear USB3.0; 1 front USB2.0)
		HEN16144	H.265, 16CH NVR, 4K, 2 SATA, 8 PoE, 4 TB		
		HEN16184	H.265, 16CH NVR, 4K, 2 SATA, 8 PoE, 8 TB		
		HEN16204	H.265, 16CH NVR, 4K, 4 SATA, 16 PoE, no HDD		3 (2 rear USB3.0; 1 front USB2.0), 1 eSATA port
		HEN16284	H.265, 16CH NVR, 4K, 4 SATA, 16 PoE, 8 TB		
		HEN16304	H.265, 16CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, no HDD		4 (2 rear USB3.0; 2 front USB2.0), 1 eSATA port
		HEN16384	H.265, 16CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, 8 TB		
	32 CHANNEL	HEN32104	H.265, 32CH NVR, 4K, 2 SATA, 8 PoE, no HDD	960 fps	2 (1 rear USB3.0; 1 front USB2.0)
		HEN321124	H.265, 32CH NVR, 4K, 2 SATA, 8 PoE, 12 TB		
		HEN32204	H.265, 32CH NVR, 4K, 4 SATA, 16 PoE, no HDD		3 (2 rear USB3.0; 1 front USB2.0), 1 eSATA port
		HEN32284	H.265, 32CH NVR, 4K, 4 SATA, 16 PoE, 8 TB		
		HEN322164	H.265, 32CH NVR, 4K, 4 SATA, 16 PoE, 16 TB		
		HEN32304	H.265, 32CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, no HDD		4 (2 rear USB3.0; 2 front USB2.0), 1 eSATA port
		HEN32384	H.265, 32CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, 8 TB		
		HEN323164	H.265, 32CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, 16 TB		
	64 CHANNEL	HEN64204	H.265, 64CH NVR, 4K, 4 SATA, 16 PoE, no HDD	1920 fps	3 (2 rear USB3.0; 1 front USB2.0), 1 eSATA port
		HEN64304	H.265, 64CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, no HDD		4 (2 rear USB3.0; 2 front USB2.0), 1 eSATA port
		HEN643164	H.265, 64CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, 16 TB		
		HEN643324	H.265, 64CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, 32 TB		
		HEN643484	H.265, 64CH NVR, 4K, 8 SATA, 16 PoE, RAID 5&6, 48 TB		

Performance Series IP Embedded NVR Kits

	PART NUMBER	DESCRIPTION	RECORDING RATE	REMOVABLE MEDIA
	HEN04102EB	H.264 4 Channel, Embedded NVR, No HDD with 4 Ball Cameras	100 fps @1080p	2 USB Ports (1 x USB 2.0, 1 x USB 3.0)
	HEN04112EB	H.264 4 Channel, 1 TB Embedded NVR with 4 Ball Cameras		
	HEN04122EB	H.264 4 Channel, 2 TB Embedded NVR with 4 Ball Cameras		
	HEN04102BB	H.264 4 Channel, 2 TB Embedded NVR with 4 Bullet Cameras	100 fps @1080p	2 USB Ports (1 x USB 2.0, 1 x USB 3.0)
	HEN04112BB	H.264 4 Channel, 1 TB Embedded NVR with 4 Bullet Cameras		
	HEN04122BB	H.264 4 Channel, 2 TB Embedded NVR with 4 Bullet Cameras		

IP Cameras

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

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



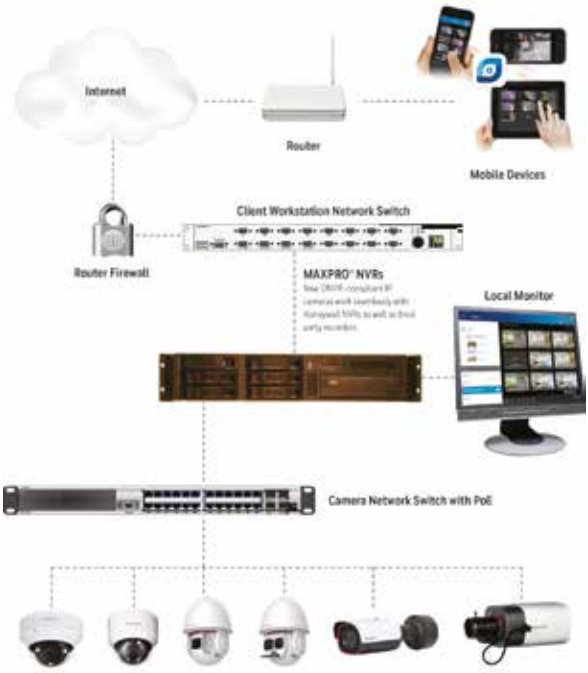
IP Cameras

We're Open to Unlimited Possibilities

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

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

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



Honeywell's latest IP cameras feature a simplified user interface with ONVIF integration to recording devices with new technology that makes checking the status of your system faster and easier. Designed to meet your customer's security needs, Honeywell's equIP and HDZ cameras along with MAXPRO NVRs integrate to Honeywell and third party products for a complete, fully integrated IP solution.

Key Highlights

- **Full Range of IP Cameras with Integration:** indoor WDR IR mini domes, outdoor WDR IR rugged cameras, WDR IR rugged bullets, and Ultra Low Light WDR box cameras up to 4 MP all from a single manufacturer to fulfill your customer's needs
- **New, Simplified GUI Design:** save time and money by reducing training hours with the simple and consistent user interface for in all of the cameras
- **Reduce Installation Time:** by eliminating manual zoom process and focus at the cameras with convenient software adjustment and with auto-discovery of Honeywell and ONVIF cameras.

Equip Series Cameras

Indoor IR Mini-Domes

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/LENS)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	H3W2GR1	2MP TDN Low-Light, 3 IR LEDs, Mini-Domes	1 2MP 2.7-12mm, F1.4, MFZ	0.01 lux colour/ 0 lux with IR LEDs on @ F1.4 Low-light	N/A	3 IR LEDs up to 20m (65')	True WDR 120 dB	12 VDC/ 24 VAC 9W Max PoE	ONVIF S & G Support for Micro SD up to 128 GB
	H3W2GR2	2MP TDN Low-Light, 3 IR LEDs, Mini-Domes	1/2.7" 2MP 7-22mm, F1.4, MFZ						
	H3W4GR1	4MP TDN Low-Light, 3 IR LEDs, Mini-Domes	1/3" 4MP 2.7-12mm, F1.4, MFZ						

Outdoor Rugged IR Mini-Domes

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/LENS)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	H4L2GR1	2MP TDN Ultra Low-Light, IR Rugged Mini-Domes	1/2.8" 2.7-12mm, F1.4, MFZ Ultra Low-light	0.005 lux colour/ 0 lux with IR LEDs on @ F1.4 Ultra Low-Light	IK10 vandal resistant IP67 rated	3 IR LEDs up to 50 m (164')	True WDR 140 dB	12 VDC/ 24 VAC 12.2W Max PoE	ONVIF S & G Support for Micro SD up to 128 GB
	H4W2GR1	2MP TDN Low-Light, IR Rugged Mini-Domes	1/2.7" 2.7-12mm, F1.4, MFZ	0.01 lux colour/ 0 lux with IR LEDs on @ F1.4 Low-Light			True WDR 120 dB		
	H4W2GR2	2MP TDN Low-Light, IR Rugged Mini-Domes	1/2.7" 7-22mm, F1.4, MFZ						
	H4W4GR1	4MP TDN Low-Light, IR Rugged Mini-Domes	1/3" 2.7-12mm, F1.4, MFZ						
	H4D8GR1	12MP (4K) TDN Low-Light, IR Rugged Mini-Domes	1/1.7" 4.1-12.8mm, F1.53, MFZ	0.02 lux color @ F1.53, 0 lux B/W with IR LEDs off @ F1.5		3 IR LEDs up to 45 m (148')	Digital WDR	12 VDC/ 24 VAC 18W Max PoE+	
	H4L6GR2	6MP TDN Low-Light, IR Rugged Mini-Domes, H.265	1/1.8" 4.1–16.4 mm, MFZ, F1.53	0.004 lux color @ F1.53, 0 lux B/W with IR LEDs on @ F1.53		3 IR LEDs up to 50 m (164')		12 VDC/ 24 VAC 18W Max PoE+	

IP Cameras

Equip Series Cameras

Hazardous and challenging environments cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS/RESOLUTION)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HEPB302W01A04	2MP Explosion-Proof IP Camera, H265, 4 m armoured cable	1/2.8" 4.5–135 mm MFZ, F1.6–F4.4	0.005 lux (colour), 0.0005 lux (B/W) @ F1.6	ATEX, IECEx, IP66/IP68	N/A	Digital WDR	24 VDC/ 24 VAC 42W Max	ONVIF S
	HEPB302W01A10	2MP Explosion-Proof IP Camera, H265, 10 m armoured cable	1/2.8" 4.5–135 mm MFZ, F1.6–F4.4	0.005 lux (colour), 0.0005 lux (B/W) @ F1.6	ATEX, IECEx, IP66/IP68	N/A		24 VDC/ 24 VAC 42W Max	
	HCPB302	2MP Corrosion-Proof IP Camera, H.265	1/2.8" 4.5–135 mm MFZ, F1.6–F4.4	0.005 lux (color), 0.0005 lux (B/W) @ F1.6	IK10 vandal resistant IP67 rated	N/A		24 VAC 42W Max	
	HTMZ160T302W	2MP Dual Sensor Thermal/Visual PTZ Dome, H.264	1/1.9" 6 – 180 mm, F1.5 – F4.3 (60mm for thermal)	0.005 lux (colour); 0.0005 lux (B/W) @ F1.5 0 lux with IR LEDs on	IK10 vandal resistant IP66 rated	IR LEDs Up to 150 m (500')	BLC/ HLC/ WDR	24 VAC 70W Max	ONVIF S & G
	HEPZ302W0	2MP Explosion-Proof IP PTZ Camera, H265	1/2.8" 4.5–135 mm MFZ, F1.6–F4.4	0.005 lux (color)/0.0005 lux (B/W) @ F1.6	ATEX, IECEx, IP66	N/A	WDR (120 dB)	24 VAC 120W Max	ONVIF S & Q

Multi-Imager Cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS/RESOLUTION)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HM4L8GR1	8MP IR Rugged Dome Cam (4x sensors), low light, H.265	Four 1/1.9" 2 MP Four 5.0mm, F2.2	0.006 lux color @ F2.2, 0 lux B/W (IR LEDs on) @ F2.2	IK10 vandal resistant IP67 rated	6 IR LEDs up to 30 m (98')	Digital WDR	24 VAC 25W Max PoE+	ONVIF S, G & Q Support for Micro SD up to 128 GB
	HMBL8GR1	8MP IR Rugged Bullet Cam (4x sensors), low light, H.265	Four 1/2.8" 2 MP Four 3.0mm, F2.1	0.008 lux color @ F2.1, 0 lux B/W (IR LEDs on) @ F2.1	IK10 vandal resistant IP67 rated	8 IR LEDs up to 30 m (98')			

IP Cameras

IR Rugged Bullet Cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/LENS)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HBL2GR1	2MP TDN Ultra Low-Light, IR Rugged Bullet Camera	1/2.8" 2.7-12mm, F1.4, MFZ	0.005 lux colour/ 0 lux with IR LEDs on @ F1.4 Ultra Low-Light	IK10 vandal resistant IP67 rated	4 IR LEDs up to 60 m (195')	True WDR 140 dB	12 VDC/ 24 VAC 14.5W Max PoE+	ONVIF S & G Support for Micro SD up to 128 GB
	HBW2GR1	2MP TDN Low-Light, IR Rugged Bullet Camera	1/2.7" 2.7-12mm, F1.4, MFZ	0.01 lux colour/ 0 lux with IR LEDs on @ F1.4 Low-Light			True WDR 120 dB	12 VDC/ 24 VAC 12W Max PoE	
	HBW2GR3	2MP TDN Low-Light, IR Rugged Bullet Camera	1/2.7" 5-50mm, F1.4, MFZ						
	HBW4GR1	4MP TDN Low-Light, IR Rugged Bullet Camera	1/3" 2.7-12mm, F1.4, MFZ						
	HBD8GR1	12MP TDN Low-Light, IR Rugged Bullet Camera	1/1.7" 5.1- 12.8mm, F1.7, MFZ	0.02 lux color @ F1.7/0 lux B/W with IR LEDs off @ F1.7		4 IR LEDs up to 65 m (210')	Digital WDR	12 VDC/ 24 VAC 18W Max PoE+	
	HBL6GR2	6MP TDN Low-Light, IR Rugged Bullet, H.265	1/1.8" 4.1–16.4 mm, MFZ, F1.53	0.004 lux color @ F1.53, 0 lux B/W with IR LEDs on @ F1.53		4 IR LEDs up to 50 m (164')			

Box Cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/LENS)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HCL2G	2MP TDN Ultra Low-Light, WDR IP Box Camera	1/2.8" TDN Ordered separately, support for DC-iris lens	0.002 lux colour/ 0.0002 lux B/W @ F1.4 Ultra Low-Light	N/A	N/A	True WDR 140 dB	12 VDC/ 24 VAC 6.5W Max PoE	ONVIF S & G Support for Micro SD up to 128 GB
	HCW2G	2MP TDN Low-Light, WDR IP Box Camera	1/2.7" TDN Ordered separately, support for DC-iris lens	0.01 lux colour/ 0.001 lux B/W @ F1.4 Low-Light			True WDR 120 dB		
	HCW4G	4MP TDN Low-Light, WDR IP Box Camera	1/3" TDN Ordered separately, support for DC-iris lens						
	HCD8G	12MP TDN Low-Light, WDR IP Box Camera	1/1.7" TDN Ordered separately, support for DC-iris lens	0.02 lux color @ F1.53, 0.01 l ux B/W @ F1.5			Digital WDR	12 VDC/ 24 VAC 8W Max PoE	

IP Cameras

Indoor / Outdoor Fisheye IR Cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/LENS)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HFD6GR1	6MP TDN Low-Light, IR, WDR Fisheye Camera	1/1.8" TDN 1.7mm F2.0	0.01 lux color/0 lux BW with IR LEDs on @ F2.0, 30 IRE	IK10 vandal resistant IP67 rated	3 IR LEDs up to 8 m (25')	Digital WDR	12 VDC 10 W PoE	ONVIF Supports Micro SD up to 128 GB cards
	HFD8GR1	12MP TDN Low-Light, IR, WDR Fisheye Camera, H.265	1/1.7" 1.98 mm, fixed fisheye lens, F2.8	0.01 lux colour/0 lux BW with IR LEDs on @ F2.8		3 IR LEDs up to 8 m (25')		12 VDC 10W Max PoE	ONVIF S & G Support for Micro SD up to 128 GB

HDZ IP PTZ Series: Key Highlights



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, 22x ,30x & 36x 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

HDZ Series Cameras

Outdoor IR PTZ Cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/LENS)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HDZ302LIW	2MP TDN Ultra Low-Light, IR, Wiper, PTZ Dome	1/1.9" TDN 6.0-180 mm F1.6-F4.8, PTZ 360° continuous rotation	0.005 lux colour/ 0.0005 lux B/W @ F1.6; 0 lux IR On Ultra Low-Light	N/A	up to 150 m (492')	True WDR 120 dB	12 VDC/ 24 VAC 32 W Max High PoE (PoE++)	ONVIF S & G Support for Micro SD up to 128 GB
	HDZ302LIK	2MP TDN Ultra Low-Light, IR, Rugged IK10, PTZ Dome	1/1.9" TDN 6.0-180 mm F1.6-F4.8, PTZ 360° continuous rotation		IK10 vandal resistant IP67 rated	up to 200 m (656')	True WDR 120 dB	12 VDC/ 24 VAC 38 W Max High PoE (PoE++)	

IP Cameras

Outdoor PTZ Cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/LENS)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HDZ302DE	2MP TDN Ultra Low-Light, IR, Rugged IK10, Indoor / Outdoor PTZ Dome	1/2.8" TDN 4.5-135 mm F1.6-F4.4, PTZ 360° continuous rotation	0.005 lux (color) / 0.0005 lux B/W @ F1.6, 30 IRE	IK10 vandal resistant IP67 rated	N/A	True WDR 120 dB	24 V AC ± 25%, 3A and PoE+, 24 V AC is required to run the heater operation.	ONVIF S & G Support for Micro SD up to 128 GB
	HDZ302D	2MP TDN Ultra Low-Light, IR, Rugged IK10, Indoor / Outdoor PTZ Dome	1/2.8" TDN 4.5-135 mm F1.6-F4.4, PTZ 360° continuous rotation		IK10 vandal resistant IP66 rated			24 V AC ± 25%, 1.5A and POE+, 24 V AC is required to run the heater operation.	
	HDZP252DI	2MP IR, Rugged IK10, Indoor / Outdoor PTZ Dome, H265	1/1.7" 4.8–120 mm, MFZ F1.6–F4.4	0.005 lux (color)/0 lux (B/W) @ F1.6 (with IR LEDs on)	IP66 rated	6 IR LEDs up to 100 m (330')	WDR (120 dB)	12 VDC 20W Max PoE+	

Indoor PTZ Cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/LENS)	MINIMUM ILLUMINATION	ENVIRON-MENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HDZ302DIN	2MP TDN Ultra Low-Light, IR, Rugged IK10, Indoor PTZ In-Ceiling Dome	1/2.8" TDN 4.5-135 mm F1.6-F4.4, PTZ 360° continuous rotation	0.5 lux colour/ 0.1 lux B/W @F1.6	IK10 vandal resistant	N/A	True WDR 120 dB	24 V AC ± 25%, 1.5A and POE+	ONVIF S & G Support for Micro SD up to 128 GB



IP Cameras

equIP / HDZ Series Camera Mount & Lens Compatibility Chart

	CAMERA TYPE	CAMERA MODEL/ PART #NUMBER	PENDANT MOUNT	WALL MOUNT COMPATIBLE CAMERAS	CEILING MOUNT	CEILING MOUNT + 220MM EXTENSION	CEILING MOUNT + 420MM EXTENSION
EQUIP RANGE	INDOOR Mini-Domes	H3W2GR1, H3W2GR2, H3W4GR1	⊗	⊗	⊗	⊗	⊗
	OUTDOOR Mini-Domes	H4L2GR1, H4W2GR1, H4W2GR2, H4W4GR1, H4D8GR1, H4L6GR2	HD4CHIP-PK2	HD4CHIP-WK2	⊗	⊗	⊗
	BULLET CAMERAS	HBL2GR1, HBW2GR1, HBW2GR3, HBW4GR1, HBD8GR1, HBL6GR2	⊗	⊗	⊗	⊗	⊗
	BOX CAMERAS	HCL2G, HCW2G, HCW4G, HCD8G	⊗	⊗	HBC5WT	⊗	⊗
	INDOOR / OUTDOOR IR FISHEYE CAMERA	HFD6GR1, HFD8GR1	HFD-PK	HFD-PK+ HFD-WK	⊗	⊗	⊗
	IR PTZ CAMERAS	HDZ302LIW, HDZ302LIK, HDZ302DE	⊗	HDZWM1/HDZWM2	HDZCM1	HDZCM1 + HDZCM2	HDZCM1 + HDZCM3
		HDZ302D	⊗	HDZGM/HDZWM1/ HDZWM2	HDZCM1	HDZCM1 + HDZCM2	HDZCM1 + HDZCM3
		HDZP252DI	⊗	HDZGM/HDZWM2	HDZCM1	HDZCM1 + HDZCM2	HDZCM1 + HDZCM3
	INDOOR PTZ CAMERAS	HDZ302DIN	⊗	⊗	⊗	⊗	⊗

Individual equIP / HDZ mounts and accessories are listed at the back of this brochure

DROP/HARD IN-CEILING BRACKET + SUPPORT PLATE	WALL MOUNT (+ JUNCTION BOX)	CORNER MOUNT + ADAPTER (+BACKBOX)	POLE MOUNT + ADAPTER (+BACKBOX)	OUTDOOR PENDANT MOUNT	CAMERA JUNCTION/ BACK BOX	LENS
⊗	HD3-MK2	⊗	⊗	⊗	⊗	⊗
⊗	HD4CHIP-WK2	HD4CHIP-WK2 + HB34G-CM	HD4CHIP-WK2 + HB4G-PM	HD4CHIP-PK2	⊗	⊗
⊗	⊗	⊗	⊗	⊗	⊗	⊗
⊗	HBC5WT	⊗	⊗	⊗	⊗	HLM27V12 MPD HLM5V50 MPD HLM37V16 MPD HLM105V42 MPD
⊗	⊗	HB34G-CM+HFD-PK+ HFD-WK	HB4G-PM+HFD-PK+ HFD-WK	⊗	⊗	⊗
⊗	HDZWM1 or HDZWM2 (+HDZJB)	HDZWM1/ HDZWM2 + HDZJB + HDZCMA	HDZWM1/ HDZWM2 + HDZJB + HDZPMA	⊗	HDZJB	⊗
⊗	HDZGM + HDZJB HDZWM1 or HDZWM2 (+HDZJB)	HDZWM1/ HDZWM2/ HDZGM + HDZJB + HDZCMA	HDZWM1/ HDZWM2/ HDZGM + HDZJB + HDZPMA	⊗	HDZJB	⊗
⊗	HDZGM + HDZJB HDZWM2 (+HDZJB)	HDZWM2/HDZGM + HDZJB + HDZCMA	HDZWM2/HDZGM + HDZJB + HDZPMA	⊗	HDZJB	⊗
HDZINPL	⊗	⊗	⊗	⊗	⊗	⊗

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

	PART NUMBER	DESCRIPTION	IMAGE SENSOR	LENS	RESOLUTION	MINIMUM ILLUMINATION
INDOOR/OUTDOOR IR BALL CAMERA						
	**HED3PR3**	3MP, H.264, IR, True Day/Night Ball Camera	1/3" 3 megapixel progressive scan CMOS	2.8 mm fixed	3MP (2304 x 1296)	0.045 lux, F2.1 (colour); 0 lux (IR LEDs on)
	**HED1PR3**	1.3 MP, H.264, IR, True Day/Night Ball Camera	1/3" 1.3 megapixel progressive scan CMOS	2.8 mm fixed	1.3 MP (1280 x 960)	0.08 lux, F2.1 (colour); 0 lux (IR LEDs on)
	**HED8PR1**	8MP (4k) TDN HD IR Ball Camera, H.265	1/2.5" progressive scan CMOS	4.0 mm, Fixed lens, F1.6	8MP (3840×2160)	0.07 lux (color)/0 lux (B/W) @ F1.6 (with IR LEDs on)
	**HEW2PR2**	2 MP, H.264, IR, WDR, True Day/Night Ball Camera	1/2.7" 2 megapixel progressive scan CMOS	2.7-12 mm Motorized Focus/Zoom	2MP (1920 x 1080)	0.1 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)
	**HEW4PR2**	4 MP, H.264, IR, WDR, True Day/Night Ball Camera	1/3" 4 megapixel progressive scan CMOS	2.7-12 mm Motorized Focus/Zoom	4MP (2688 x 1520)	0.1 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)
	**HEW2PR1**	2 MP, H.264, IR, WDR, True Day/Night Ball Camera	1/2.7" 2 megapixel progressive scan CMOS	3.6 mm fixed	2MP (1920 x 1080)	0.01 lux, F2.0 (colour); 0 lux (with IR LEDs on)
	**HEW2PRW1**	2 MP, H.264, IR, WDR, True Day/Night Ball Camera	1/2.7" 2 megapixel progressive scan CMOS	3.6 mm fixed	2MP (1920 x 1080)	0.01 lux, F2.0 (colour); 0 lux (with IR LEDs on)
	**HEW4PR3**	4 MP, H.264, IR, WDR, True Day/Night Ball Camera	1/3" 4 megapixel progressive scan CMOS	2.8 mm fixed	4MP (2688 x 1520)	0.01 lux, F2.0 (colour); 0 lux (with IR LEDs on)
	**HEW4PRW3**	4 MP, H.264, IR, WDR, True Day/Night Ball Camera	1/3" 4 megapixel progressive scan CMOS	2.8 mm fixed	4MP (2688 x 1520)	0.01 lux, F2.0 (colour); 0 lux (with IR LEDs on)

Performance Series IP IR Cameras: 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
- 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)

HORIZONTAL ANGLE OF VIEW	LOCAL STORAGE	IR DISTANCE (M)	COMPRESSION	FRAMERATE	ENVIRONMENTAL RATINGS	POWER REQUIREMENTS	WORKING ENVIRONMENT
92°	⊗	30	H.264/MJPEG	3MP (1-20 fps) 1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 3.7 W max. (IR LEDs on)	–30°C to 60°C; 10% to 100% RH, condensing
89°	⊗	30	H.264/MJPEG	1.3MP/720p (1-25/30 fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 3.8 W max. (IR LEDs on)	–30°C to 60°C; 10% to 100% RH, condensing
88°	MicroSD, up to 128GB	50	H.265/H.264/ MJPEG	8M (3840×2160) 1–15 fps; 6M (3072×2048) 1–20 fps; 4M (2688×1520) / WQHD (2560×1440) 1–25 fps; 3M (2304×1296) or lower resolution at 1–25/30 fps	IP66 rated	PoE (802.3af), 12 V DC 4,97 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
86° - 30°	MicroSD, up to 128GB	60	H.264/MJPEG	2MP (1-25/30 fps) 1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 7.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
86° - 30°	MicroSD, up to 128GB	60	H.264/MJPEG	4MP (1-25/30 fps) 1080p (1-20fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 7.5 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
91°	⊗	40	H.264/MJPEG	2MP/1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 4.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
91°	⊗	40	H.264/MJPEG	2MP/1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 4.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
110°	⊗	40	H.264/MJPEG	4MP (1-20 fps) 3MP (1-25/30fps) D1, CIF (1-20 fps)	IP66 rated	PoE (802.3af), 12 V DC 3.7 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
110°	⊗	40	H.264/MJPEG	4MP (1-20 fps) 3MP (1-25/30fps) D1, CIF (1-20 fps)	IP66 rated	PoE (802.3af), 12 V DC 3.7 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing

PERFORMANCE SERIES IP CAMERAS

	PART NUMBER	DESCRIPTION	IMAGE SENSOR	LENS	RESOLUTION	MINIMUM ILLUMINATION	HORIZONTAL ANGLE OF VIEW
INDOOR/OUTDOOR IR RUGGED DOME							
	H4D3PRV2	3MP, H.264, IR, True Day/Night Rugged MFZ Dome Camera	1/3" progressive scan CMOS	2.7-12 mm Motorized Focus/Zoom	3MP (2304 x 1296)	0.1 lux, F1.4 (colour); 0 lux (IR LEDs on)	86°-28°
	H4D3PRV3	3MP, H.264, IR True Day/Night Rugged Dome Camera	1/3" progressive scan CMOS	2.8 mm fixed	3MP (2304 x 1296)	0.1 lux, F2.1 (colour); 0 lux (IR LEDs on)	92°
	H4D8PR1	8MP (4k), H.265, IR True Day/Night Rugged Dome Camera	1/2.5" progressive scan CMOS	4.0 mm, Fixed lens, F1.6	8MP (3840×2160)	0.1 lux (color)/0 lux (B/W) @ F1.6 (with IR LEDs on)	88°
	H2W2PRV3 *	2 MP, H.264, IR, WDR, True Day/Night Micro-Dome Camera	1/2.7" progressive scan CMOS	2.8 mm fixed	2MP (1920 x 1080)	0.01 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)	120°
	H2W4PRV3 *	4 MP, H.264, IR, WDR, True Day/Night Micro-Dome Camera	1/3" progressive scan CMOS	2.8 mm fixed	4MP (2688 x 1520)	0.01 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)	106°
	H4W2PRV2	2 MP, H.264, IR, WDR, True Day/Night Mini-Dome Camera	1/2.7" progressive scan CMOS	2.7-12 mm Motorized Focus/Zoom	2MP (1920 x 1080)	0.1 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)	93° - 35°
	H4W4PRV2	4 MP, H.264, IR, WDR, True Day/Night Mini-Dome Camera	1/3" progressive scan CMOS	2.7-12 mm Motorized Focus/Zoom	4MP (2688 x 1520)	0.1 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)	86° - 30°
	H4W4PRV3	4 MP, H.264, IR, WDR, True Day/Night Mini-Dome Camera	1/3" progressive scan CMOS	2.8 mm fixed	4MP (2688 x 1520)	0.01 lux, F2.0 (colour); 0 lux (with IR LEDs on)	106°
INDOOR/OUTDOOR IR BULLET							
	HBD3PR2	3MP, H.264, IR True Day/Night Bullet Camera	1/3" progressive scan CMOS	2.7-12 mm Motorized Focus/Zoom	3MP (2304 x 1296)	0.1 lux, F1.4 (colour); 0 lux (IR LEDs on)	86°-28°
	HBD3PR1	3MP, H.264, IR True Day/Night Bullet Camera	1/3" progressive scan CMOS	3.6 mm fixed	3MP (2304 x 1296)	0.045 lux, F2.1 (colour); 0 lux (IR LEDs on)	81°
	HBD1PR1	1.3MP, H.264, IR True Day/Night Bullet Camera	1/3" progressive scan CMOS	3.6 mm fixed	1.3 MP (1280 x 960)	0.08 lux, F2.1 (colour); 0 lux (IR LEDs on)	71°
	HBD8PR1	8MP (4k), H.265, IR True Day/Night Bullet Camera	1/2.5" progressive scan CMOS	4.0 mm, Fixed lens, F1.6	8MP (3840×2160)	0.07 lux (color)/0 lux (B/W) @ F1.6 (with IR LEDs on)	88°
	HBW2PR2	2 MP, H.264, IR, WDR, True Day/Night Bullet Camera	1/2.7" progressive scan CMOS	2.7-12 mm Motorized Focus/Zoom	2MP (1920 x 1080)	0.1 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)	93° - 35°
	HBW4PR2	4 MP, H.264, IR, WDR, True Day/Night Bullet Camera	1/3" progressive scan CMOS	2.7-12 mm Motorized Focus/Zoom	4MP (2688 x 1520)	0.1 lux, F1.4 (colour); 0 lux (B/W with IR LEDs on)	86° - 30°
	HBW2PR1	2 MP, H.264, IR, WDR, True Day/Night Bullet Camera	1/2.7" progressive scan CMOS	3.6 mm fixed	2MP (1920 x 1080)	0.01 lux, F2.0 (colour); 0 lux (with IR LEDs on)	93°
	HBW4PR1	4 MP, H.264, IR, WDR, True Day/Night Bullet Camera	1/3" progressive scan CMOS	3.6 mm fixed	4MP (2688 x 1520)	0.01 lux, F2.0 (colour); 0 lux (with IR LEDs on)	84°
INDOOR/OUTDOOR FISHEYE							
	HFD5PR1*	5MP DN WDR Rugged Fisheye Camera, H.264	1/3" progressive scan CMOS	1.42 mm, Fixed lens, F2.6	5MP (2592 × 1944)	0.01 lux (color)/0.001 lux (B/W) @ F2.6	185°

For details of compatible Performance Series embedded NVRs please see pages 22 - 23 *Built in microphone

LOCAL STORAGE	IR DISTANCE (M)	COMPRESSION	FRAMERATE	ENVIRONMENTAL RATINGS	POWER REQUIREMENTS	WORKING ENVIRONMENT
MicroSDHC, up to 128GB	30	H.264/MJPEG	3MP (1-20 fps) 1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated IK10 vandal resistant	PoE (802.3af), 12 V DC 8.5 W max. (IR LEDs on)	–30°C to 60°C; 10% to 100% RH, condensing
⊗	30	H.264/MJPEG	3MP (1-20 fps) 1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated IK10 vandal resistant	PoE (802.3af), 12 V DC 4.7 W max. (IR LEDs on)	–30°C to 60°C; 10% to 100% RH, condensing
MicroSD, up to 128GB	30	H.265/H.264/ MJPEG	8M (3840×2160) 1–15 fps; 6M (3072×2048) 1–20 fps; 4M (2688×1520) / WQHD (2560×1440) 1–25 fps; 3M (2304×1296) or lower resolution at 1–25/30 fps	IK10 vandal resistant IP66 rated	PoE (802.3af), 12 V DC 6,7 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
MicroSD, up to 128GB	20	H.264/MJPEG	2MP/1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated IK10 vandal resistant	PoE (802.3af), 12 V DC 5.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
MicroSD, up to 128GB	20	H.264/MJPEG	4MP (1-20 fps) 3MP (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated IK10 vandal resistant	PoE (802.3af), 12 V DC 5.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
MicroSD, up to 128GB	30	H.264/MJPEG	2MP/1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated IK10 vandal resistant	PoE (802.3af), 12 V DC 8.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
MicroSD, up to 128GB	30	H.264/MJPEG	4MP (1-20 fps) 3MP (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated IK10 vandal resistant	PoE (802.3af), 12 V DC 8.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
⊗	30	H.264/MJPEG	4MP (1-20 fps) 3MP (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated IK10 vandal resistant	PoE (802.3af), 12 V DC 4.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
MicroSDHC, up to 128GB	30	H.264/MJPEG	4MP (1-20 fps)	IP66 rated	"PoE (802.3af), 12 V DC	–30°C to 60°C; 10% to 100% RH, condensing
⊗	30	H.264/MJPEG	3MP (1-25/30fps) D1, CIF (1-25/30 fps)"	IP66 rated	8.0 W max. (IR LEDs on)"	–30°C to 60°C; 10% to 100% RH, condensing
⊗	30	H.264/MJPEG	1.3MP (1-20 fps) 720p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	"PoE (802.3af), 12 V DC	–30°C to 60°C; 10% to 100% RH, condensing
MicroSD, up to 128GB	30	H.265/H.264/ MJPEG	8M (3840×2160) 1–15 fps; 6M (3072×2048) 1–20 fps; 4M (2688×1520) / WQHD (2560×1440) 1–25 fps; 3M (2304×1296) or lower resolution at 1–25/30 fps	IP66 rated	PoE (802.3af), 12 V DC 6,7 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
MicroSDHC, up to 128GB	60	H.264/MJPEG	2MP/1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 13.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
MicroSDHC, up to 128GB	60	H.264/MJPEG	4MP (1-20 fps) 3MP (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 12.5 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
⊗	40	H.264/MJPEG	2MP/1080p (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 6.5 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
⊗	40	H.264/MJPEG	4MP (1-20 fps) 3MP (1-25/30fps) D1, CIF (1-25/30 fps)	IP66 rated	PoE (802.3af), 12 V DC 6.0 W max. (IR LEDs on)	–30°C to 60°C; 0% to 95% RH, non-condensing
MicroSD, up to 64GB	⊗	H.264/MJPEG	5M (3072×2048) 1–12 fps; UXGA (1600×1200) at up to 25/30 fps	⊗	PoE (802.3af), 12 V DC 6 W max	–30°C to 40°C; 0% to 95% RH, non-condensing

High Quality Analogue (HQA) solutions

Supercharge your analog security system with Honeywell's HQA technology for high definition 4 MP images over your existing coax infrastructure. The Performance Series 4 MP HQA line includes a wide range of high performing IR cameras and DVRs that are easy to install and even easier to use.



High Quality Analogue Cameras

	PART NUMBER	DESCRIPTION	OPTICAL (SENSOR/ LENS)	MINIMUM ILLUMINATION	ENVIRONMENTAL	SMART IR LEDS	WDR	POWER INFORMATION	ADDITIONAL INFORMATION
	HD72HD4	4 MP HQA WDR IR Mini Dome	1/3" 4.1 MP CMOS, 2.8 mm Fixed, F1.5	0.01 lux @ F1.5(color), 0 lux (B/W with IR LEDs on)	IK10 vandal resistant IP66 rated	12 IR LEDs up to 30 m (100')	WDR (120 dB)	12 VDC, 4,4W Max	1-channel BNC high definition video output; 1-channel BNC CVBS video output
	HD274HD4	4 MP HQA WDR IR Mini Dome	1/3" 4.1 MP CMOS 2.7-12 mm MFZ VF, F1.3	0.01 lux @ F1.3 (color), 0 lux (B/W with IR LEDs on)		2 IR LEDs up to 30 m (100')		12 VDC, 24 VAC, 10,1W Max	
	HB74HD4	4 MP HQA WDR IR Bullet Camera	1/3" 4.1 MP CMOS, 3.6 mm Fixed, F1.5	0.01 lux @ F1.5 (color), 0 lux (B/W with IR LEDs on)	P66 rated	2 IR LEDs up to 40 m (131')		12 VDC, 5,9W Max	
	HB276HD4	4 MP HQA WDR IR Bullet Camera	1/3" 4.1 MP CMOS, 2.7-12 mm MFZ VF, F1.3	0.01 lux @ F1.3 (color), 0 lux (B/W with IR LEDs on)		4 IR LEDs up to 60 m (200')		12 VDC, 24 VAC, 15,4W Max	
	HD30HD4	4 MP HQA WDR IR Ball Camera	1/3" 4.1 MP CMOS, 3.6 mm Fixed, F1.5	0.01 lux @ F1.5 (color), 0 lux (B/W with IR LEDs on)	IK10 vandal resistant IP66 rated	1 high-powered LED up to 50 m (164')		12 VDC, 5,3W Max	

HQA Hybrid DVRs

		PART NUMBER	DESCRIPTION
4 CHANNEL		HRHT4040	4CH NVR, 4MP, 1 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, no HDD
		HRHT4041	4CH NVR, 4MP, 1 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, 1 TB
		HRHT4042	4CH NVR, 4MP, 1 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, 2 TB
8 CHANNEL		HRHT4080	8CH NVR, 4MP, 2 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, no HDD
		HRHT4082	8CH NVR, 4MP, 2 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, 2 TB
		HRHT4084	8CH NVR, 4MP, 2 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, 4 TB
16 CHANNEL		HRHT4160	16CH NVR, 4MP, 2 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, no HDD
		HRHT4162	16CH NVR, 4MP, 2 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, 2 TB
		HRHT4164	16CH NVR, 4MP, 2 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, 4 TB
		HRHT4166	16CH NVR, 4MP, 2 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, 6 TB
		HRHT41612	16CH NVR, 4MP, 2 SATA, HQA/CVBS*/IP Hybrid DVR, PAL/NTSC, 12 TB

Hybrid Video Solutions: Encoders

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



HVE Audio/Video Encoders: Key Highlights

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

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

Accessories

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

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



Box Camera Lenses

	PART NUMBER	DESCRIPTION
	HLM27V12MPD	4 MP, 1/2.7", F1.6, 2.7 – 12.0 mm CS Lens
	HLM37V16MPD	12 MP, 1/1.7", F1.5, 3.7 – 16.0 mm CS Lens
	HLM5V50MPD	4 MP, 1/2.7", F1.6, 5.0 – 50.0 mm CS Lens
	HLM105V42MPD	12 MP, 1/1.7", F1.5, 10.5 – 42.0 mm CS Lens

Performance Camera Mounts

	PART NUMBER	DESCRIPTION	COMPATIBLE CAMERAS
	**HQA-BB1**	Junction Box, Off-White	HBW2PR1, HBW4PR1, HB74HD4
	**HQA-BB2**	Junction Box, Off-White	H4D3PRV2, H4D2PRV3, H4W2PRV2, H4W4PRV2, H4W4PRV3, HEW2PR2, HEW4PR2, H4D8PR1, HFD5PR1, HD274HD4, HD72HD4
	**HQA-BB3**	Junction Box, Off-White	H2W2PRV3, H2W4PRV3, HEW2PR1, HEW2PRW1, HEW4PR3, HEW4PRW3, HED8PR1, HD30HD4
	**HBS2-BB**	Junction Box, Off-White	HED1PR3, HED3PR3, HBD1PR1, HBD3PR1, HBD3PR2, HBW2PR2, HBW4PR2, HB276HD4
	**HEJB**	Junction Box, Off-White	HED1PR3, HED3PR3, HBD1PR1, HBD3PR1
	**HQA-WK**	Wall Mount, Off-White	HED1PR3, HED3PR3, H4D3PRV2, H4D3PRV3, H4W2PRV2, H4W4PRV2, H4W4PRV3, HEW2PR2, HEW4PR2, H4D8PR1, HFD5PR1
	**HQA-WK2**	Wall Mount, Off-White	H2W2PRV3, H2W4PRV3, HEW2PR1, HEW2PRW1, HEW4PR3, HEW4PRW3, HED8PR1, HD72HD4, HD274HD4, HD30HD4
	**HQA-PM**	Pole Mount, Off-White	H2W2PRV3*, H2W4PRV3*, H4W2PRV2*, H4W4PRV2*, H4W4PRV3*, HBW2PR1*, HBW4PR1*, HBW2PR2*, HBW4PR2*, HEW2PR1*, HEW2PRW1*, HEW2PR2*, HEW4PR2*, HEW4PR3*, HEW4PRW3*
	**HQA-PM2**	Pole Mount, Off-White	HED8PR1, H4D8PR1, HFD5PR1, HB74HD4, HB276HD4, HD72HD4, HD274HD4, HD30HD4
	**HB34S2-CM**	Corner Mount, Off-White	H2W2PRV3*, H2W4PRV3*, H4W2PRV2*, H4W4PRV2*, H4W4PRV3*, HBW2PR1*, HBW4PR1*, HBW2PR2*, HBW4PR2*, HEW2PR1*, HEW2PRW1*, HEW2PR2*, HEW4PR2*, HEW4PR3*, HEW4PRW3* , HED8PR1, H4D8PR1, HFD5PR1, HB74HD4, HB276HD4, HD72HD4, HD274HD4, HD30HD4

Accessories

equIP Camera Mounts

PART NUMBER	DESCRIPTION
HD4CHIP-WK2	WK2 Wall Mount Bracket
HD4CHIP-PK2	Pendant Mount Bracket
HB34G-CM	Corner Mount Adapter
HD3-MK2	Indoor Wall Mount Bracket
HGB-BB	Camera Back Box
HB4G-PM	Mount Adapter
HFG-WK	Fisheye Wall Mount Bracket
HFG-PK	Fisheye Pendant Mount Bracket

PTZ Dome Camera Mounts

PART NUMBER	DESCRIPTION
HDZCM1	PTZ Ceiling Mount
HDZCM2	Ceiling Mount Extension Pole for HDZCM1, 220 mm
HDZCM3	Ceiling Mount Extension Pole for HDZCM1, 420 mm
HDZWM1	PTZ Wall Mount
HDZCMA	PTZ Corner Mount Adapter for Wall Mount
HDZPMA	PTZ Pole Mount Adapter for Wall Mount
HDZJB	PTZ Junction Box
HDZWM2	PTZ Wall Mount with Access Hole
HDZNPTA	1.5" NPT Adapter
HDZGM	PTZ Gooseneck Wall Mount
HDZINPL	PTZ In-Ceiling Support Plate (Drop Ceiling)





Honeywell Security Video products

Interactive presentation of Honeywell Security IP and High Quality Analog cameras and NVRs/DVRs ranges. It shows their features and benefits, includes QRcodes and links to download the current datasheets.
Available in English and French in the same App (other languages coming soon).

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