

H3W2GR1/H3W2GR2/H3W4GR1

Indoor WDR IR Minidome IP Cameras

Honeywell is taking quality and reliability to the next level with the New equiP® line of indoor IP cameras. The Honeywell indoor TDN low-light IR minidome cameras offer outstanding picture clarity, hassle-free flexible system integration, and secure data transmission—and they look great too!

Superior Image Quality

- Full HD 1080p 25/30 fps image with a 1/2.7" 2 MP sensor, or full HD 4 MP 20 fps image with a 1/3" 4 MP sensor
- True WDR (120 dB) ensures glare-free images
- True Day/Night provides vivid color images by day and clear black-and-white images at night with ICR
- Excellent low-light performance with 3D noise reduction, saving storage and bandwidth together with H.264 High Profile codec

Flexible Surveillance Solution

- 2.7-12 mm or 7-22 mm, F1.4, motorized focus/zoom lens
- H.264 and MJPEG codec, triple stream support
- IR LEDs provide up to 65' (20 m) of illumination in dimly lit or nighttime scenes (depending on scene reflectance)
- Smart IR technology provides even distribution of IR
- -22°F to 122°F (-30°C to 50°C) working temperature
- ONVIF Profile S and G compliant
- Security features include individual signed certificates and data encryption
- Cameras can be retrofitted on many existing DVR/NVR installations without requiring additional storage



Easy to Install and Use

- Built-in PoE (Power over Ethernet) eliminates separate power supply and associated wiring; 24 V AC/12 V DC inputs where PoE power is unavailable
- Remote configuration, motorized zoom adjustments and auto focus through web client or from the NVR

Onboard Video Storage

- Supports up to 128 GB microSDHC (Class 10) card for local video storage when network is interrupted. Card not included.

FEATURES AND BENEFITS

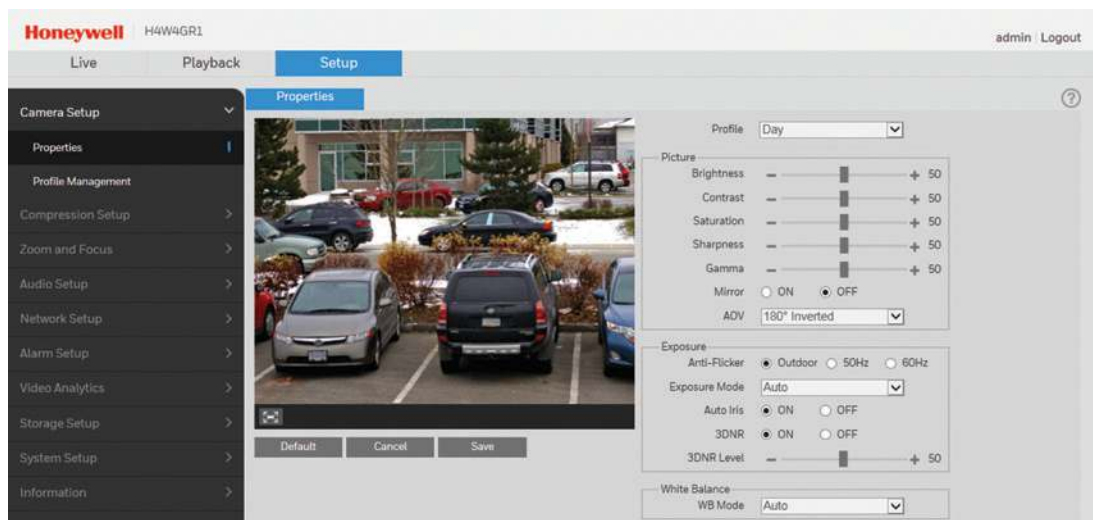
These fully featured attractive cameras are perfect for indoor installations that require excellent picture quality at minimal bandwidth while offering maximum installation flexibility with three mounting options. Boasting a sleek modern design and offering two different lens options, the cameras are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

- 1/2.7" 2 MP progressive scan imager or 1/3" 4 MP progressive scan imager
- 65' (20 m) IR distance, depending on scene reflectance
- True WDR: 120 dB
- Excellent low light performance with down to 0 lux BW (with IR LEDs on)
- Up to triple stream support
- 4 MP resolution at 20 fps, or 1080p at 25/30 fps
- 2.7-12 mm or 7-22 mm, F1.4, motorized focus and zoom lens
- Built-in PoE for simple cabling options; 12VDC/24VAC inputs are also available
- Corridor mode viewing capability
- On board camera storage: up to 128 GB micro SD card (not included)
- ONVIF profile S and G compliant

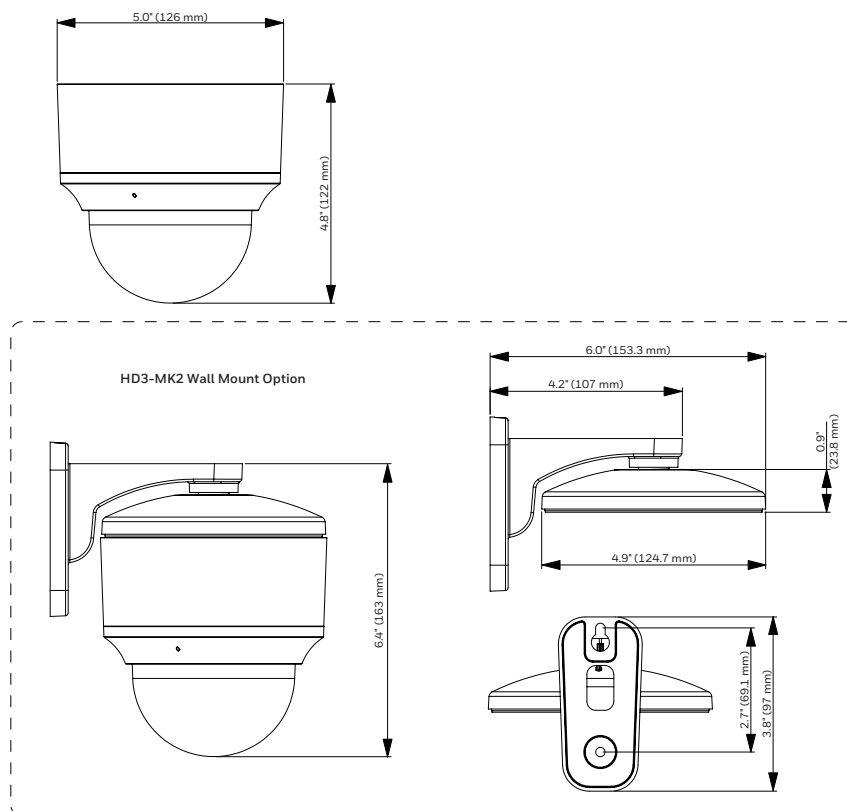
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The camera can be configured to automatically detect and respond to events such as motion in the scene, alarm inputs, network failure, and/or camera tampering. Automated responses include: sending a notification through email, FTP, and/or HTTP; sending a still image of the event through email and/or FTP; and recording a video clip of the event to a configured microSDHC card. Setup can be done through a web client or from an NVR.



DIMENSIONS



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SPECIFICATIONS

OPERATIONAL		IP SPECIFICATIONS (CON'T)		
VIDEO STANDARD	NTSC/PAL	FRAME RATE	TRIPLE STREAM	H3W2GR1/H3W2GR2 (PAL): 720p 1-14 fps, D1 (704x576) 1-25 fps, CIF (352x288) 1-25 fps
SCANNING SYSTEM	Progressive scan			H3W2GR1/H3W2GR2 (NTSC): 720p 1-3 fps, D1 (704x480) 1-9 fps, CIF (352x240) 1-30 fps
IMAGE SENSOR	H3W2GR1/H3W2GR2: 1/2.7" 2 MP progressive CMOS H3W4GR1: 1/3" 4 MP progressive CMOS	H3W4GR1 (PAL): 1-20 fps (720p, D1-704x576, CIF-352x288) H3W4GR1 (NTSC): 1-20 fps (720p, D1-704x480, CIF-352x240)		
NUMBER OF PIXELS (H×V)	H3W2GR1/H3W2GR2: 1920x1080 H3W4GR1: 2560x1440	AUDIO COMPRESSION		G.711a/G.711u/AAC
MINIMUM ILLUMINATION	0.01 lux color/0 lux with IR LEDs on @ F1.4	AUDIO STREAM		Dual Channel
S/N RATIO	50 dB or more	ETHERNET		RJ-45 (10/100Base-T)
ELECTRONIC SHUTTER SPEED	Auto, Manual, 1/3(4)-1/10 000 s	PROTOCOLS*		IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, QoS, SNMP v2c/v3, LDAP (Client), NFS, RTCP, Bonjour
IR DISTANCE	Up to 65' (20 m), depending on scene reflectance	COMPATIBILITY		ONVIF Profile S/G
DAY/NIGHT	Auto(ICR)/Color/BW	MAX. USER ACCESS		20 users
BACKLIGHT COMPENSATION	BLC/HLC	LANGUAGES SUPPORTED		English, Arabic, Czech, Dutch, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
WIDE DYNAMIC RANGE	120 dB	ELECTRICAL		
WHITE BALANCE	Auto/Manual	INPUT VOLTAGE		12VDC +/-10%, 24VAC +/-10%, PoE IEEE 802.3af
GAIN CONTROL	Auto/Manual	AC FREQUENCY		50/60 Hz
NOISE REDUCTION	3DNR	POWER CONSUMPTION		12VDC/24VAC 9W max, PoE (802.3af) Class 0
PRIVACY MASKING	Up to 4 areas	MECHANICAL		
CORRIDOR MODE	Yes	DIMENSIONS		4.96" x 4.80" (126.0 x 122.0 mm)
LENS	H3W2GR1/H3W4GR1: 2.7-12 mm, MFZ, F1.4 H3W2GR2: 7-22 mm, MFZ, F1.4	PRODUCT WEIGHT		1.26 lb (0.57 kg)
HORIZONTAL ANGLE OF VIEW	H3W2GR1/H3W4GR1: 99°-34° H3W2GR2: 41°-18°	PACKAGE WEIGHT		1.54 lb (0.7 kg)
AUDIO/TWO-WAY	Line In/Out	CONSTRUCTION		Plastic Housing
IP SPECIFICATIONS		CONSTRUCTION COLOR		RAL9003 (White)
VIDEO COMPRESSION	H.264/H.264H/H.264B/MJPEG	RECORDING AND STORAGE		Up to 128 GB microSDHC card Class 10 (not included)
RESOLUTION	H3W2GR1/H3W2GR2: 1080p (1920x1080)/SXGA (1280x1024)/1.3M(1280x960)/720p (1280x720)/D1 (704x576/704x480)/CIF (352x288/352x240) H3W4GR1: 4M (2688x1520 with Analog video output off, or 2560x1440 with Analog video output on)/3M (2304x1296)/1080p (1920x1080)/SXGA (1280x1024)/1.3M (1280x960)/720p (1280x720)/D1 (704x576/704x480)/CIF (352x288/352x240)	ENVIRONMENTAL		
FRAME RATE	MAIN STREAM	TEMPERATURE		-22°F to 122°F (-30°C to 50°C)
		RELATIVE HUMIDITY		0% to 95%, non-condensing
SUB STREAM	H3W2GR1/H3W2GR2 (PAL): 1-25 fps (1080p, SXGA-1280x1024, 1280x960, 720p, D1-704x576) H3W2GR1/H3W2GR2 (NTSC): 1-30 fps (1080p, SXGA-1280x1024, 1280x960, 720p, D1-704x480) H3W4GR1 (PAL): 1-20 fps (2688x1520 with Analog video output off, 2560x1440); 1-25 fps (2304x1296, 1080p, SXGA-1280x1024, 1280x960, 720p) H3W4GR1 (NTSC): 1-20 fps (2688x1520 with Analog video output off, 2560x1440); 1-30 fps (2304x1296, 1080p, SXGA-1280x1024, 1280x960, 720p)	REGULATORY		
		EMISSIONS		FCC Part 15, CE (EN 55022); Complies with RCM (AS/NZS)
		IMMUNITY		CE (EN 50130-4)
		SAFETY		North America UL Listed to UL/CSA 60950-1, CE (EN 60950-1)
		NOTE:		* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

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ORDERING

SYSTEM INTEGRATION

OPEN IP INTEGRATION

ONVIF support and open API software integration. Refer to www.onvif.org for the ONVIF specification and the Honeywell Open Technology Alliance website (<http://www.security.honeywell.com/hota/>) to learn more about our open and integrated solutions.



ACCESSORIES

HOUSINGS AND MOUNTS

H3G-CB	Replacement Dome (Clear)
H3G-SB	Replacement Dome (Smoke)
HD3-MK2	Wall Mount Bracket

ORDERING

CAMERAS

H3W2GR1	Network TDN Low-Light, 120 dB Wide Dynamic, IR Indoor Dome Camera, 1/2.7" Imager, 2 MP, 2.7-12 mm MFZ Lens, 3 IR LEDs, PoE, H.264
H3W2GR2	Network TDN Low-Light, 120 dB Wide Dynamic, IR Indoor Dome Camera, 1/2.7" Imager, 2 MP, 7-22 mm MFZ Lens, 3 IR LEDs, PoE, H.264
H3W4GR1	Network TDN Low-Light, 120 dB Wide Dynamic, IR Indoor Dome Camera, 1/3" Imager, 4 MP, 2.7-12 mm MFZ Lens, 3 IR LEDs, PoE, H.264

For more information

www.honeywell.com/security

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Honeywell reserves the right, without notification, to make changes in product design or specifications.

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