

## H3W2GR1/H3W2GR2/H3W4GR1

### Indoor WDR IR Minidome IP Cameras

Honeywell is taking quality and reliability to the next level with the New equiP® range 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 colour 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 20m (65') of illumination in dimly lit or nighttime scenes (depending on scene reflectance)
- Smart IR technology provides even distribution of IR
- -30°C to 50°C (-22°F to 122°F) 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

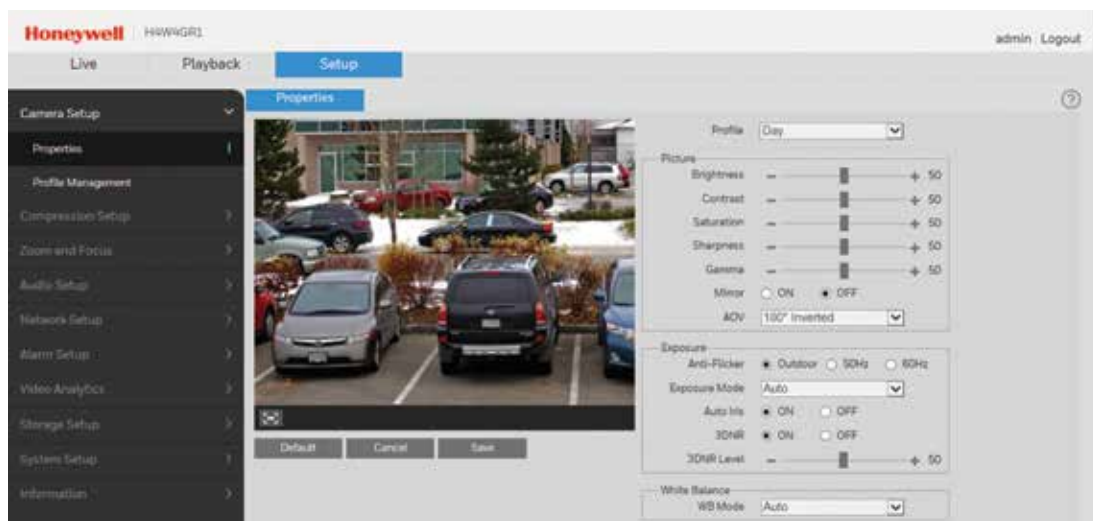
These fully featured attractive cameras are perfect for indoor installations that require excellent picture quality at minimal bandwidth while offering maximum installation flexibility with three mounting options. Boasting a sleek modern design and offering two different lens options, the cameras are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

- 1/2.7" 2 MP progressive scan imager or 1/3" 4 MP progressive scan imager
- 20m (65') 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

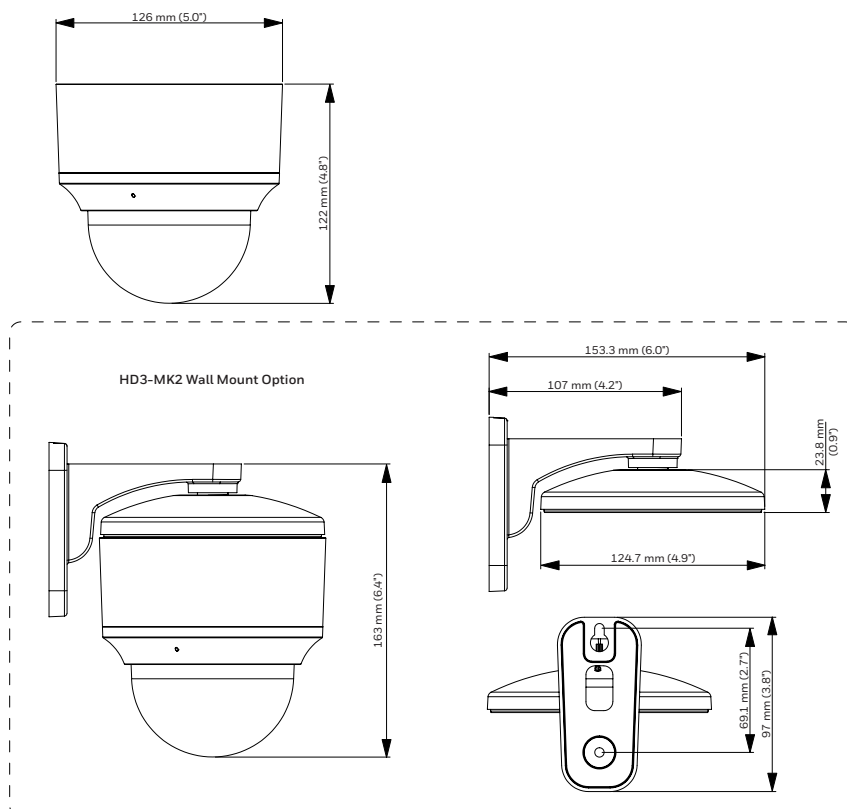
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## Indoor WDR IR Minidome IP Cameras

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



# H3W2GR1/H3W2GR2/H3W4GR1

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## SPECIFICATIONS

OPERATIONAL		IP SPECIFICATIONS (CON'T)		
VIDEO STANDARD	NTSC/PAL	FRAME RATE	TRIPLE STREAM	<b>H3W2GR1/H3W2GR2 (PAL):</b> 720p 1-14 fps, D1 (704x576) 1-25 fps, CIF (352x288) 1-25 fps <b>H3W2GR1/H3W2GR2 (NTSC):</b> 720p 1-3 fps, D1 (704x480) 1-9 fps, CIF (352x240) 1-30 fps <b>H3W4GR1 (PAL):</b> 1-20 fps (720p, D1-704x576, CIF-352x288) <b>H3W4GR1 (NTSC):</b> 1-20 fps (720p, D1-704x480, CIF-352x240)
SCANNING SYSTEM	Progressive scan			
IMAGE SENSOR	<b>H3W2GR1/H3W2GR2:</b> 1/2.7" 2 MP progressive CMOS <b>H3W4GR1:</b> 1/3" 4 MP progressive CMOS	AUDIO COMPRESSION	G.711a/G.711u/AAC	
NUMBER OF PIXELS (H×V)	<b>H3W2GR1/H3W2GR2:</b> 1920x1080 <b>H3W4GR1:</b> 2560x1440	AUDIO STREAM	Dual Channel	
MINIMUM ILLUMINATION	0.01 lux colour/0 lux with IR LEDs on @ F1.4	ETHERNET	RJ-45 (10/100Base-T)	
S/N RATIO	50 dB or more	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	
ELECTRONIC SHUTTER SPEED	Auto, Manual, 1/3(4)-1/10 000 s	COMPATIBILITY	ONVIF Profile S/G	
IR DISTANCE	Up to 20m (65'), depending on scene reflectance	MAX. USER ACCESS	20 users	
DAY/NIGHT	Auto(ICR)/Colour/BW	LANGUAGES SUPPORTED	English, Arabic, Czech, Dutch, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish	
BACKLIGHT COMPENSATION	BLC/HLC	<b>ELECTRICAL</b>		
WIDE DYNAMIC RANGE	120 dB	INPUT VOLTAGE	12VDC +/-10%, 24VAC +/-10%, PoE IEEE 802.3af	
WHITE BALANCE	Auto/Manual	AC FREQUENCY	50/60 Hz	
GAIN CONTROL	Auto/Manual	POWER CONSUMPTION	12VDC/24VAC 9W max, PoE (802.3af) Class 0	
NOISE REDUCTION	3DNR	<b>MECHANICAL</b>		
PRIVACY MASKING	Up to 4 areas	DIMENSIONS	126.0 × 122.0 mm (4.96" × 4.80")	
CORRIDOR MODE	Yes	PRODUCT WEIGHT	0.57 kg (1.26 lb)	
LENS	<b>H3W2GR1/H3W4GR1:</b> 2.7-12 mm, MFZ, F1.4	PACKAGE WEIGHT	0.7 kg (1.54 lb)	
	<b>H3W2GR2:</b> 7-22 mm, MFZ, F1.4	CONSTRUCTION	Plastic Housing	
HORIZONTAL ANGLE OF VIEW	<b>H3W2GR1/H3W4GR1:</b> 99°-34° <b>H3W2GR2:</b> 41°-18°	CONSTRUCTION COLOUR	RAL9003 (White)	
AUDIO/TWO-WAY	Line In/Out (Built-in microphone)	RECORDING AND STORAGE	Up to 128 GB microSDHC card Class 10 (not included)	
ALARM INPUT/OUTPUT	2/1	<b>ENVIRONMENTAL</b>		
<b>IP SPECIFICATIONS</b>		TEMPERATURE	-30°C to 50°C (-22°F to 122°F)	
VIDEO COMPRESSION	H.264/H.264H/H.264B/MJPEG	RELATIVE HUMIDITY	0% to 95%, non-condensing	
RESOLUTION	<b>H3W2GR1/H3W2GR2:</b> 1080p (1920x1080)/SXGA (1280x1024)/1.3M(1280x960)/720p (1280x720)/D1 (704x576/704x480)/CIF (352x288/352x240)	<b>REGULATORY</b>		
	<b>H3W4GR1:</b> 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)	EMISSIONS	FCC Part 15, CE (EN 55022); Complies with RCM (AS/NZS)	
FRAME RATE	<b>H3W2GR1/H3W2GR2 (PAL):</b> 1-25 fps (1080p, SXGA-1280x1024, 1280x960, 720p, D1-704x576) <b>H3W2GR1/H3W2GR2 (NTSC):</b> 1-30 fps (1080p, SXGA-1280x1024, 1280x960, 720p, D1-704x480) <b>H3W4GR1 (PAL):</b> 1-20 fps (2688x1520 with Analog video output off, 2560x1440); 1-25 fps (2304x1296, 1080p, SXGA-1280x1024, 1280x960, 720p) <b>H3W4GR1 (NTSC):</b> 1-20 fps (2688x1520 with Analog video output off, 2560x1440); 1-30 fps (2304x1296, 1080p, SXGA-1280x1024, 1280x960, 720p)	IMMUNITY	CE (EN 50130-4)	
	<b>H3W2GR1/H3W2GR2 (PAL):</b> 1-25 fps (D1-704x576, CIF-352x288) <b>H3W2GR1/H3W2GR2 (NTSC):</b> 1-30 fps (D1-704x480, CIF-352x240) <b>H3W4GR1 (PAL):</b> 1-20 fps (D1-704x576, CIF-352x288) <b>H3W4GR1 (NTSC):</b> 1-20 fps (D1-704x480, CIF-352x240)	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.	

# H3W2GR1/H3W2GR2/H3W4GR1

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## ORDERING

### SYSTEM INTEGRATION

#### OPEN IP INTEGRATION

ONVIF support and open API software integration. Refer to [www.onvif.org](http://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

### Find out more

[www.honeywell.com/security/me](http://www.honeywell.com/security/me)

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