



HD ONVIF | S | G | Q

# H3W2GR1V H3W4GR1V

2MP/4MP Network TDN Low-Light WDR Indoor Dome

OPERATIONAL		IP SPECIFICATIONS	
VIDEO STANDARD	NTSC/PAL	SUPPORTED WEB BROWSERS	IE11/Chrome(with application)/Firefox (earlier than 52.0 version)
SCANNING SYSTEM	Progressive scan	SUPPORTED OS	Windows® 7 32-bit/64-bit; Windows® 10 32-bit/64-bit
IMAGE SENSOR	<b>H3W2GR1V:</b> 1/2.8" 2 Megapixel progressive scan CMOS <b>H3W4GR1V:</b> 1/3" 4 Megapixel progressive scan CMOS	SUPPORTED PROTOCOLS*	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; SNMP
NUMBER OF PIXELS (H × V)	2MP (1920x1080) - 4MP (2688x1520)	COMPATIBILITY	ONVIF Profile S, G and Q
MINIMUM ILLUMINATION @F1.6	<b>H3W2GR1V:</b> 0.001Lux (Color or B/W, IR off), 0Lux (B/W, IR on) <b>H3W4GR1V:</b> 0.01Lux (Color or B/W, IR off), 0Lux (B/W, IR on)	MAXIMUM USERS ACCESS	20 users
S/N RATIO	50db minimum	SECURITY	User account and password protection HTTPS, IP Filter, IEEE 802.1x, Digest authentication, User access log, TLS1.2, AES-256, SSH/Telnet closed, FTP disabled, PCI-DSS compliance, Hardware chipset for private key
ELECTRONIC SHUTTER SPEED	Auto/Manual, 1/3-1/100000s	BUILT-IN ALARM & EVENT	EVENT TYPE
IR DISTANCE	30m		EVENT LINKAGE
DAY/NIGHT	Mechanical ICR (ON / OFF / AUTO selectable)		EVENT OUTPUT
BACKLIGHT COMPENSATION	BLC / HLC / WDR / SAC (Scene Adaptive Control)	MICRO SD	Micro SDHC Capacity Max 32GB Micro SDXC Capacity Max 128GB
WIDE DYNAMIC RANGE (WDR)	120dB (50/60fps off)	MICRO SD FUNCTION	Event trigger recording Continuous and scheduled recording Automatic recording when network fails
WHITE BALANCE	Auto/Natural/Street Lamp/Outdoor/Manual/Customize Region	LANGUAGES SUPPORTED	English, Arabic, Czech, Dutch, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
GAIN CONTROL	Auto/Manual	ELECTRICAL	
NOISE REDUCTION	3D Noise Reduction (ON / OFF selectable)	POWER SUPPLY	PoE(802.3af) Class 0/12VDC/24VAC
PRIVACY MASKING	Up to 4 configurable areas	LONG DISTANCE POE SUPPORT	3X POE (300m @100Mbps)
DEFOG	Auto/Manual/Off	AC FREQUENCY	50/60 Hz
LENS	2.7-13.5 mm MFZ, DC IRIS, optical zoom 5x lens F1.6	POWER CONSUMPTION	<b>H3W2GR1V:</b> 11W <b>H3W4GR1V:</b> 10.5W
ANGLE OF VIEW	<b>H3W2GR1V:</b> FOV depending on different resolution H: 110° - 32°, V: 59° - 19° <b>H3W4GR1V:</b> FOV depending on different resolution H: 110° - 30°, V: 53° - 18°	AUXILIARY POWER SUPPLY	2.0W, DC12V (+/-5%)
AUDIO/TWO-WAY	Line In/Out, 1 built-in Mic	MECHANICAL	
ALARM INPUT/OUTPUT	2 In / 1 Out	DIMENSIONS	4.96 × 4.80 in. (126.0 × 122.0 mm)
ANALOG OUTPUT	Supported	WEIGHT	<b>H3W2GR1V:</b> Product weight: 1.14lb (519g) Package Weight: 2.07lb (937g) <b>H3W4GR1V:</b> Product weight: 1.14lb (516g) Package Weight: 2.04lb (924g)
ETHERNET	RJ-45 (10/100Base-T)	VANDAL RESISTANCE	IK10 (bubble only)
IP SPECIFICATIONS		CONSTRUCTION	Plastic
VIDEO COMPRESSION	H.265+, H.265, H.264 and MJPEG bit rate control (CBR and VBR)	CONSTRUCTION COLOR	RAL 9003 (White)
RESOLUTION	16:9	INSTALLATION	Surface mount, Flush mount (bracket supplied) or Wall mount using HD3-MK2
	4:3	ENVIRONMENTAL	
	OTHER	OPERATING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)
FRAME RATE	MAIN STREAM	RELATIVE HUMIDITY	0% to 95%, non-condensing
	SUB STREAM	REGULATORY	
	THIRD STREAM	EMISSIONS	FCC Part 15, CE (EN 55032); Complies with RCM (AS/NZS)
		IMMUNITY	CE (EN 50130-4)
AUDIO COMPRESSION	G.711a/ G.711Mu/ AAC/G.726	SAFETY	North America UL Listed to UL/CSA 60950-1, CE (EN 60950-1)
AUDIO STREAM	Full duplex, simplex	ROHS	EN50581

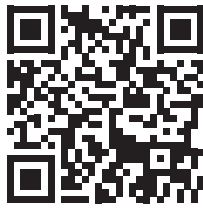
\* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

# 2MP/4MP Network TDN Low-Light WDR Indoor Dome

## RECOMMENDED ACCESSORIES

### SYSTEM 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.



### HOUSINGS AND MOUNTS

H3G-CB		Replacement Dome (Clear)
H3G-SB		Replacement Dome (Smoke)
HD3-MK2		Wall Mount Bracket
HPOE3X		3X Long Distance POE Switch
HLR1001		IP over Coax Converter

### ORDERING

**H3W2GR1V** 2MP Network Low-Light Indoor Dome Camera, TDN, WDR 120dB, 1/2.8" CMOS, 2.7-13.5mm MFZ lens, 2 IR LEDs, H.265, PoE, microphone

**H3W4GR1V** 4MP Network Low-Light Indoor Dome Camera, TDN, WDR 120dB, 1/3" CMOS, 2.7-13.5mm MFZ lens, 2 IR LEDs, H.265, PoE, microphone

## DIMENSIONS

### For more information

<https://security.honeywell.com/uk>  
<https://security.honeywell.com/me>

### Customer service:

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### Technical support:

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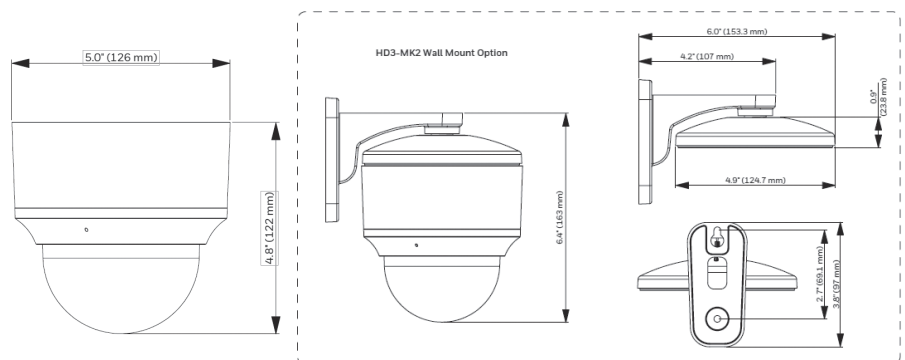
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