

EQUIP SERIES

H3W4GR1Y



4MP Network TDN Ultra Low-light WDR Indoor Dome Cameras



OPERATIONAL		
Video Standard		NTSC / PAL
Scanning System		Progressive
Image Sensor		1/3" 4 Megapixel progressive scan CMOS
Number of Pixels(H x V)		4MP (2560 x 1440 / 2688 x 1520)
Minimum Illumination		0.002 Lux (color), 0.0002 Lux (B/W) @ F1.6, 0 Lux (IR on)
S/N Ratio		>50 dB
Electronic Shutter Speed		Auto/Manual, 1/3~1/100000s
IR Distance		40m
IR Light Control		Auto / Manual / Zoom Priority / Off
IR Light Number		2
Day/Night		Auto(ICR)/Color/B/W
Backlight Compensation		BLC / HLC / WDR / SAC
Wide Dynamic Range		140 dB
White Balance		Auto/Natural/Street Lamp/Outdoor/Manual/Customize Region
Gain Control		Auto/Manual
Noise Reduction		3D NR
Privacy Masking		4 configurable windows
Defog		Auto/Manual/Off
Lens		2.7-13.5 mm MFZ, DC IRIS, optical zoom 5x lens F1.6
Angle Of View		H: 103° - 34°, V: 54° - 18°
Alarm Input/Output		2 In / 1 Out
Analog Output Support		Support
VIDEO		
Video Compression		H.265, H.264, Smart codec; MJPEG
Resolution	Main Stream	4M (2688 x 1520)/(2560 x 1440)/3M (2304 x 1296)/1080p (1920 x 1080)/1.3M (1280 x 960)/720p(1280 x 720)
	Sub Steam 1	D1(PAL:704 x 576/NTSC: 704 x 480)/VGA(640 x 480)/CIF(PAL:352 x 288 / NTSC: 352 x 240)/(320 x 180)
	Sub Stream 2	4M(2688 x 1520/2560 x 1440)/ 1080P(1920x1080)/720P(1280 x 720)/ D1(PAL:704 x 576/NTSC: 704 x 480)
Frame Rate		Main Stream: 4M(1~30 fps) Sub Stream:D1(1~30 fps) Third Stream:4M(1~30 fps) Simultaneous with 3 Streams above
Bit Rate		96K~8192Kbps
Analytics		Advanced Analytics (Powered by AI) : Tripwire, Intrusion, Fast-Moving, Abandoned Object, Parking Detection, Crowd Gathering Estimation, Missing Object, Loitering Detection, SMD, Face Detection, People Counting, Heatmap Traditional Analytics : Motion Detection, Video Tampering, Scene Changing, SD Card Error, SD Card Capacity Warning, Audio Detection
AUDIO		
Audio Compression		G.711a/ G.711Mu/ AAC/G.726
Audio Stream		Full duplex, simplex
Audio/Two-Way		Line In/Out, 1 built-in Mic

NETWORK	
Ethernet	RJ-45 (10/100 Base-T)
Supported Web Browsers	IE, Chrome, Firefox
Supported OS	Windows® 7 32-bit/64-bit; Windows® 10 32-bit/64-bit
Supported Protocols*	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP;SFTP; NAS; DHCP; DNS; PPPoE; IPv4/v6; QoS;UPnP;NTP; Bonjour; 802.1x; Multicast; ICMP;SNMP
Interoperability	ONVIF Profile S / G / Q / T
Maximum Users Access	20 users
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
Built-In Alarm & Event	Event Type : Motion Detection/Video Tampering/Scene Changing/SD Card Error/SD Card Capacity Warning/Audio Detection/ Face Detection/People Counting/IVS Event Linkage : Recording on SD card, Relay output, Email, Snapshot Event Output : ONVIF
Micro SD	Micro SD card up to 256 GB
Micro SD Function	Event trigger recording Continuous and scheduled recording Automatic recording when network fails
Languages Supported	English, Arabic, Czech, Dutch, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
ELECTRICAL	
Power Supply	PoE (802.3af) Class 0 / 12VDC /24VAC
Power Consumption	Max 13W
Power Output	2.0W , DC 12V (+/-5%)
MECHANICAL	
Dimensions	Ø126.0 mm x 122.0 mm (Ø4.96" x 4.76")
Product Weight	0.52 kg(1.14 lb)
Package Weight	0.92 kg (2.04 lb)
Construction	Plastic
Construction Color	RAL 9003 (White) and RAL 7022 (Grey)
Vandal resistance	IK10 (bubble only)
ENVIRONMENTAL	
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Relative Humidity	0% to 95%, non-condensing
REGULATORY	
Emissions	FCC Part 15, CE (EN 55032); Complies with RCM; Complies with UKCA
Immunity	CE (EN 50130-4); Complies with UKCA
Safety	North America UL Listed to UL/CSA 62368-1, CE (EN 62368-1); Complies with UKCA
RoHS	IEC 63000

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

Honeywell

EQUIP SERIES 4MP NETWORK TDN ULTRA LOW-LIGHT WDR INDOOR DOME CAMERAS

SYSTEM COMPATIBILITY

Pro-Watch NVR	Up to 256 IP Channels RAID5/6 Enterprise NVR
Maxpro NVR PE	Up to 128 IP Channels Raid5/6 Enterprise NVR
Maxpro NVR SE	Up to 64 IP Channels System NVR
Maxpro NVR XE	Up to 16 IP Channels System NVR
Maxpro NVR Software	Up to 128 IP Channels Recording Software
Adpro NVR iFT-E	Up to 32 IP Channels with up to 32 VA Channels NVRs
Adpro NVR iFT	Up to 32 IP Channels or 16 IP Channels With up to 16 VA Channels NVRs
Adpro Nvr iFT Gateway	4 IP Channels + 4 VA Channels
HEN*4	8/16/32/64-Channel Performance Series NVRs (H.264 and H.265)
Honeywell DVM	Supported with Honeywell DVM R700
HEN*3V	4/8/16 Channel Embedded NVRs
30 Series NVR	Integration with 30 Series NVR

OPTIONAL MOUNTS AND ACCESSORIES**

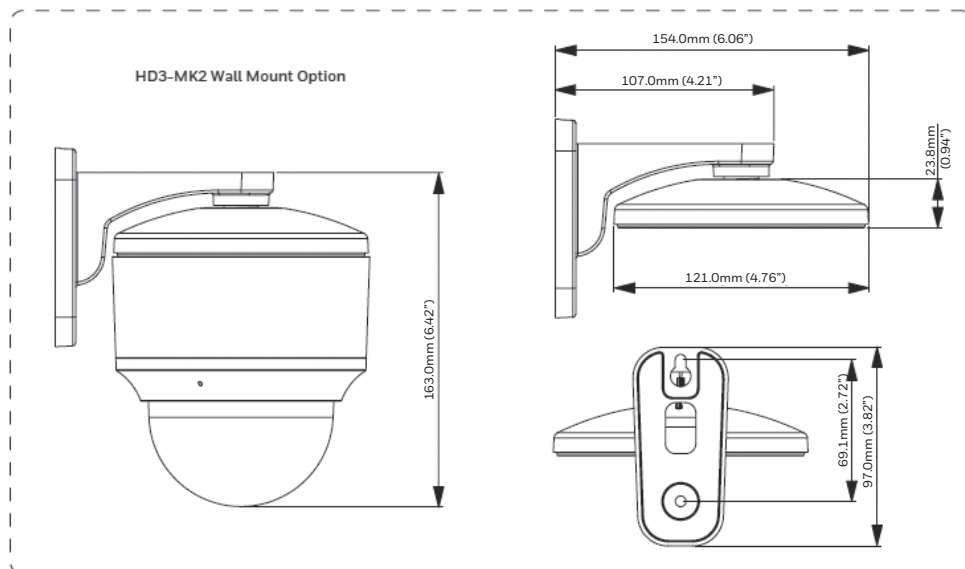
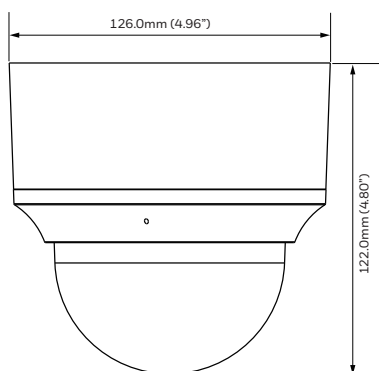
H3G-CB	Replacement Dome (Clear)
H3G-SB	Replacement Dome (Smoke)
HA60WLM3	Wall Mount Bracket
HPOE3X	3X POE Switch
HLR1001	IP over Coax Converter

**The Ceiling and In-Ceiling Mounts are included in the camera box.

ORDERING

H3W4GR1Y	4MP Network Ultra Low-light Indoor Dome Camera, TDN, 1/3" CMOS, 2.7-13.5mm MFZ lens, 140dB WDR, H.265/ Smart Codec, PoE+, microphone
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DIMENSIONS



For more information

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