

# 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 Stream 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	<b>Advanced Analytics (Powered by AI):</b> Tripwire, Intrusion, Fast-Moving, Abandoned Object, Parking Detection, Crowd Gathering Estimation, Missing Object, Loitering Detection, SMD, Face Detection, People Counting, Heatmap <b>Traditional Analytics:</b> 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	<b>Event Type:</b> Motion Detection/Video Tampering/Scene Changing/SD Card Error/SD Card Capacity Warning/Audio Detection/Face Detection/People Counting/IVS <b>Event Linkage:</b> Recording on SD card, Relay output, Email, Snapshot <b>Event Output:</b> 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.

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

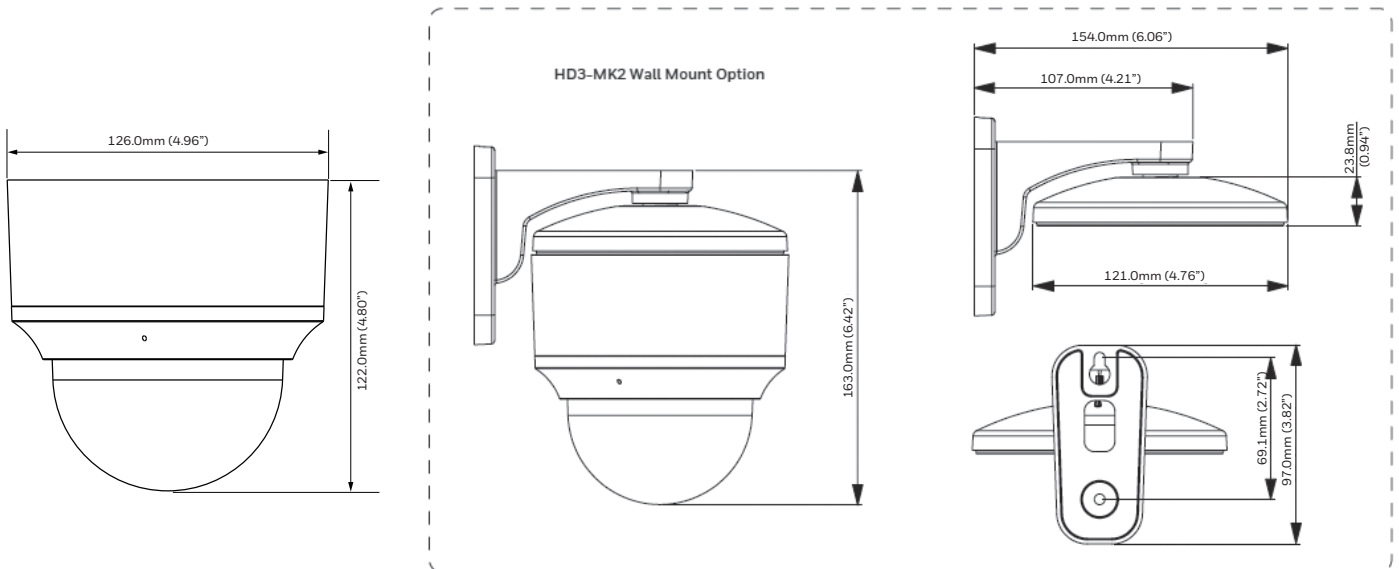
SYSTEM COMPATIBILITY	
Pro-Watch NVR	Up to 256 IP Channels RAID5/6 Enterprise NVR
Maxpro NVR PE	Up to 128 IP Channels Raid5/6 Enterprise NVR
Maxpro NVR SE	Up to 64 IP Channels System NVR
Maxpro NVR XE	Up to 16 IP Channels System NVR
Maxpro NVR Software	Up to 128 IP Channels Recording Software
Adpro NVR 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

## DIMENSIONS



### For more information

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

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