

PERFORMANCE SERIES

H4W8PER1V



Network WDR 8MP IR Rugged Mini Dome Camera



OPERATIONAL		NETWORK	
Video Standard	NTSC / PAL	Ethernet	RJ-45 (10/100 Base-T)
Scanning System	Progressive	Protocols*	HTTP; HTTPS; TCP; ARP; RTSP; RTP; RTCP; UDP; SMTP; DHCP; DNS; PPPoE; IPv4/v6; QoS; UPnP; NTP; Bonjour; IEEE 802.1x; Multicast; ICMP; IGMP; TLS
Image Sensor	1/2.8" 8 Megapixel progressive CMOS	Interoperability	ONVIF Profile S / G / Q / T
Number Of Pixels(H x V)	3840 x 2160	Maximum Users Access	20 users
Minimum Illumination	0.005 Lux/F1.6 (color, 30 IRE) 0 Lux/F1.6 (IR ON)	Security	User account and password protection HTTPS, IP Filter, Digest authentication, User access log, TLS1.2 only, AES-128 / 256, SSH / Telnet closed, sFTP by default, PCIDSS compliance
S/N Ratio	More than 50 dB	Event	No SD card, SD card error, Capacity warning, Network disconnection, IP conflict, Illegal access
Electronic Shutter Speed	1 / 3 ~ 1 / 100000s	Micro SD	Supports max. 256 GB Micro SD card, Class 10 (not included)
IR Distance	Up to 30m (98.4 ft), depending on scene reflectance	ELECTRICAL	
IR Light Control	Manual / Smart IR / OFF	Power Supply	DC 12V, PoE (802.3 af)(Class 0)
IR Light Number	3	Power Consumption	<7.0W
Day/Night	Auto(ICR) / Color / B&W	MECHANICAL	
Backlight Compensation	BLC / HLC / WDR	Dimensions	Ø81 mm x 109.9 mm (Ø3.20" x 4.30")
Wide Dynamic Range	120 dB	Product Weight	0.35 kg (0.77lb)
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Customized Region	Package Weight	0.48 kg (1.06 lb)
Gain Control	0-100	Construction	Die-cast aluminum housing with powder coat
Noise Reduction	3D NR	Construction Color	RAL 9003 (White)
Privacy Masking	Off / On (4 Areas, Rectangle)	ENVIRONMENTAL	
Motion Detection	Off / On (4 Zones, Rectangle)	Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Region Of Interest	Off / On (4 Zones)	Relative Humidity	0% to 95%, non-condensing IP
Lens	3.6 mm Fixed, F1.4	Ingress Protection	IP66
Angle Of View	H:85°, V:45°, D:100°	Vandal Resistance	IK10
Alarm Input/Output	1 In; 1 Out	REGULATORY	
VIDEO		Emissions	FCC Part 15B, EN55032
Compression	H.265 / H.264 / Smart Codec/ MJPEG (Sub Stream)	Immunity	EN 50130-4
Resolution	8M (3840 x 2160); 6M (3072 x 2048); 5M (3072 x 1728/2592 x 1944); 4M (2688 x 1520); 3M (2048 x 1536/2304 x 1296); 1080p (1920 x 1080); 1.3M (1280 x 960); 720p (1280 x 720); D1(704 x 576/704 x 480); VGA (640 x 480); CIF (352 x 288/352 x 240)	Safety	UL 60950-1, EN 62368-1
Frame Rate	Main stream: 3840 x 2160 / 3072 x 2048 / 3072 x 1728@(1~20 fps by default); 2592 x 1944 / 2688 x 1520 / 2048 x 1536 / 2304 x 1296 / 1920 x 1080 / 1280 x 960 / 1280 x 720 @ (1 ~ 25/30 fps) Sub stream: 704 x 576 / 640 x 480 / 352 x 288@(1 ~ 25 fps); 704 x 480 / 640 x 480 / 352 x 240@(1 ~ 30 fps) Third stream: 1920 x 1080 / 1280 x 720 / 704 x 480 / 640 x 480@(1 ~ 25 fps); 1920 x 1080 / 1280 x 720 / 704 x 480 / 640 x 480@(1 ~ 30 fps)	RoHS	EN 50581
Bit Rate Control	CBR/VBR	* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.	
Bit Rate	H.264: 3 Kbps-8192 Kbps H.265: 3 Kbps-8192 Kbps	AUDIO	
Analytics	Motion Detection, Video Tamper, Scene Change, Smart Motion Detection, Smart Tripwire, Smart Intrusion, Face Detection	Interface	1 In; 1 Out

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RECOMMENDED ACCESSORIES






SYSTEM INTEGRATION

HEN*4	8 / 16 / 32 / 64-Channel Performance Series 4K NVRs (H.264 and H.265)
HEN*3	4 / 8 / 16 / 32-Channel Performance Series 4K NVRs (H.264 and H.265)
HEN*3V	4 / 8 / 16- Channel Embedded NVRs (H.265)

MOUNTS AND ACCESSORIES

HQA-PK		Pendant Mount Cap
HQA-WK**		Wall Mount Bracket
HB34S2-CM		Corner Mount Adapter

MOUNTS AND ACCESSORIES

HQA-PM2		Pole Mount Adapter
HQA-BB2**		Junction Box
HQA-CB**		Ceiling Mount Bracket
HQA-CBE**		Ceiling Mount Extend Bracket
HQA-RS		Rain Shield Bracket

**The HQA-CB must be used when installing the camera to HQA-PK.

The HQA-CBE must be used with HQA-CB together.

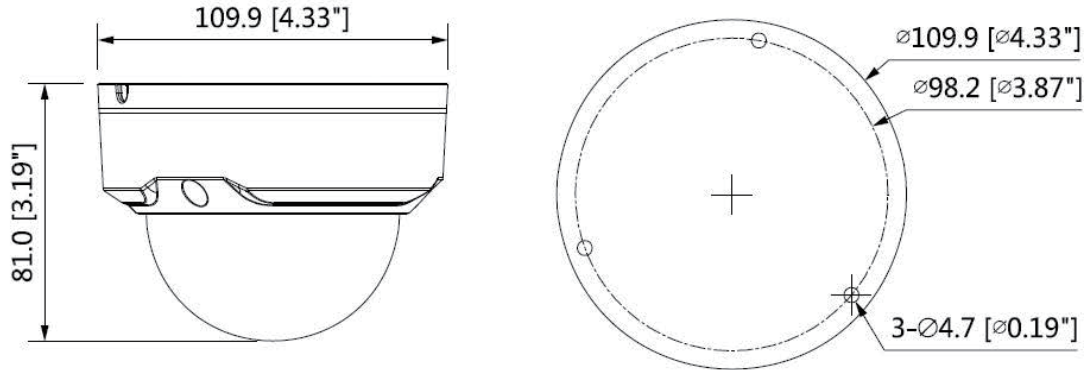
The HQA-WK/HQA-BB2 must be used when installing the camera to HQA-PM2.

The HQA-BB2 must be used when installing the camera to HB34S2-CM.

ORDERING

H4W8PER1V	Network WDR 8MP IR Rugged Mini Dome Camera, 1/2.8" CMOS, 3.6 mm Fixed, 3 IR LEDs, PoE, IP66, IK10, H.265/Smart Codec
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DIMENSIONS



For more information

buildings.honeywell.com/security

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