

PERFORMANCE SERIES

H4W2PER3V



Network WDR 2MP IR Rugged Mini Dome Camera



OPERATIONAL		NETWORK	
Video Standard	NTSC / PAL	Ethernet	RJ-45 (10/100Base-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" 2 Megapixel progressive CMOS	Compatibility	ONVIF Profile S / G / Q / T
Number Of Pixels(H x V)	1920 x 1080	Maximum Users Access	20 users
Minimum Illumination	0.002 Lux / F1.6 (color, 30IRE), 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 45 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
IR Distance	Up to 30m(98.4 ft), depending on scene reflectance	ELECTRICAL	
IR Light Control	Manual / Smart IR / OFF	Power Supply	DC12V, PoE (802.3 af)(Class 0)
IR Light Number	3	Power Consumption	<5.4W
Day/Night	Auto(ICR) / Color / B&W	MECHANICAL	
Backlight Compensation	BLC / HLC / WDR	Dimensions	Ø81 mm x 109.9 mm (3.20" x 4.30")
Wide Dynamic Range	120 dB	Product Weight	0.35 kg (0.77 lb)
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 DNR	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	Less than 95%, non-condensing IP
Lens	2.8 mm Fixed, F1.6	Ingress Protection	IP66
Angle Of View	H:106°, V:56°	Vandal Resistance	IK10
VIDEO		REGULATORY	
Compression	H.265 / H.264 / Smart Codec / MJPEG (Sub Stream)	Emissions	FCC Part 15B, EN55032
Resolution	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)	Immunity	EN 50130-4
Frame Rate	Main Stream: 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)	Safety	UL CSA 60950-1, EN 62368-1
Bit Rate Control	CBR/VBR	RoHS	EN 50581
Bit Rate	H.264: 32 Kbps~6144 Kbps H.265: 12 Kbps~6144 Kbps	* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.	
Analytics	Motion Detection, Video Tampering, Scene Changing, Tripwire Intrusion		

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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.

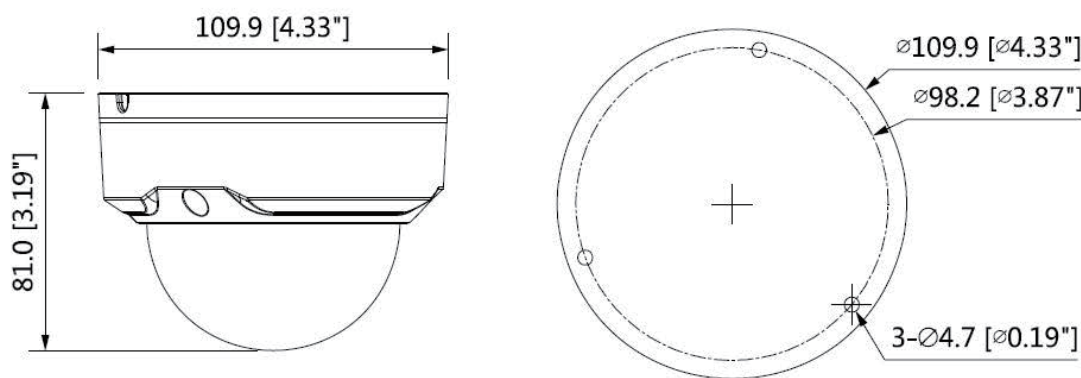
The HQA-CBE must be used with HQA-CB together.

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	
H4W2PER3V	Network WDR 2MP IR Rugged Mini Dome Camera, 1 / 2.8" CMOS, 2.8 mm Fixed, 3 IR LEDs, PoE, IP66, IK10, H.265 / Smart Codec

DIMENSIONS



For more information

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