

# H4W8PR2

## NETWORK WDR 8MP IR RUGGED MINI DOME CAMERA



OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	1/2" 8Megapixel Progressive Scan CMOS
NUMBER OF PIXELS(H×V)	3840(H) × 2160(V)
MINIMUM ILLUMINATION	0.09lux/F1.9(color,30IRE), 0 Lux with IR ON More than 45dB
ELECTRONIC SHUTTER SPEED	1/3~1/100000s
IR DISTANCE	Up to 30m (98ft), depending on scene reflectance
IR LIGHT NUMBER	2
DAY/NIGHT	Auto (ICR) / Color / B&W
BACKLIGHT COMPENSATION	BLC / HLC / WDR
WHITE BALANCE	Auto/Natural/Street Lamp/Outdoor/Manual/Customized Region
GAIN CONTROL	0~100
NOISE REDUCTION	3D DNR
PRIVACY MASKING	Off / On (4 Areas, Rectangle)
LENS	3.7mm~11mm, Motorized, F1.9
ANGLE OF VIEW	H:113°~50°, V:60°~28°
REGION OF INTEREST	Off / On (4 Zones)
MOTION DETECTION	Off / On (4 Zones, Rectangle)
IR LIGHT CONTROL	Manual/SmartIR/OFF
WIDE DYNAMIC RANGE	120dB

VIDEO	
VIDEO COMPRESSION	H.264/H.264B/H.264H/H.265/Smart Codec/MJPEG (Sub Stream)
RESOLUTION	4K(3840×2160)/6M(3072×2048)/5M(3072×1728)/5M(2592×1944)/4M(2688×1520)/3M(2048×1536)/3M(2304×1296)/1080P(1920×1080)/1.3M(1280×960)/720P(1280×720) SubStream:D1(704×480/576) /VGA(640×480)/CIF(352×240/288)
FRAME RATE	Main Stream: 4K (1~25/30fps) Sub Stream: D1 (1~25/30fps)
BIT RATE CONTROL	CBR/VBR
BIT RATE	4Kbps~15104Kbps
NETWORK	
ETHERNET	RJ-45 (10/100Base-T)
SUPPORTED WEB BROWSERS	Internet Explorer (11.0+)
SUPPORTED OS	Windows® 7 32-bit/64-bit; Windows® 10 32-bit/64-bit
LANGUAGES SUPPORTED	English, Arabic, Czech, Dutch, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Turkish
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
INTEROPERABILITY	ONVIF Profile S/G/Q
MAXIMUM USERS ACCESS	20 Users

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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
EVENT	No SD card, SD card error, Capacity warning, Network disconnection, IP conflict, Illegal access
MICRO SD	Up to 128 GB microSDHC card, Class 10 (not included)

ELECTRICAL	
POWER SUPPLY	DC12V PoE (802.3af) (Class 0)
POWER CONSUMPTION	<10.9W

MECHANICAL	
DIMENSIONS	Ø122mm×88.9mm (4.80"×3.50")
PRODUCT WEIGHT	Approx. 0.49Kg (1.09lb)
CONSTRUCTION	Die-cast aluminum housing with powder coat
CONSTRUCTION COLOR	RAL 9003 (White)
PACKAGE WEIGHT	Approx. 0.66Kg(1.46lb)

ENVIRONMENTAL	
OPERATING TEMPERATURE	-22°F to 140°F (-30°C to 60°C)
RELATIVE HUMIDITY	Less than 95%, non-condensing
INGRESS PROTECTION	IP66
IMPACT RESISTANCE	IK10
REGULATORY	
EMISSIONS	FCC Part 15B, EN 55032
IMMUNITY	EN 50130-4
SAFETY	UL 60950-1, EN 62368-1
ROHS	EN 50581

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





## RECOMMENDED ACCESSORIES

SYSTEM COMPATIBILITY	
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)

\*\* The HQA-BB4 must be used when installing the camera to HQA-PM2, vice versa.

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

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

MOUNTS AND ACCESSORIES		
HQA-PM2**		Pole Mount Adapter
HQA-IC		In-Ceiling Bracket
HQA-BB4**		Junction Box
HQA-CB**		Ceiling Mount Bracket for Pendant Mount Cap
HQA-CBE**		Ceiling Mount Extend Bracket for HQA-CB

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## MOUNTS AND ACCESSORIES

HQA-RS



Rain Shield Bracket

HQA-PK\*\*



Pendant Mount Cap

HQA-WK



Wall Mount Bracket

\*\* The HQA-BB4 must be used when installing the camera to HQA-PM2, vice versa.

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

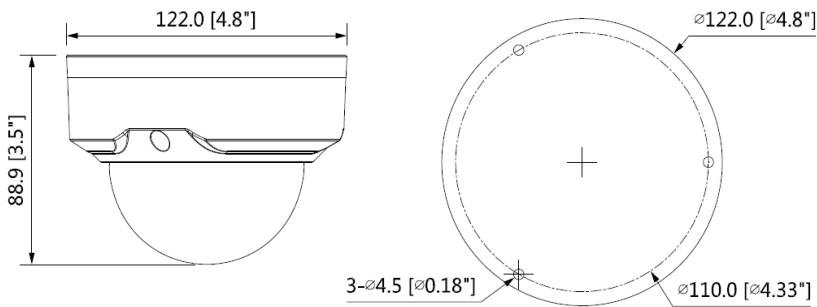
The HQA-CBE must be used with HQA-CB together.

## ORDERING

H4W8PR2

Network WDR 8MP IR Rugged Mini Dome Camera, 1/2.8" CMOS, 3.7mm~11mm Motorized, 2 IR LEDs, PoE, IP66, H.265/H.264/Smart Codec

## DIMENSIONS



### For more information,

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