

# PERFORMANCE SERIES

## HBW8PER1V



### Network WDR 8MP IR Bullet Camera

OPERATIONAL	
Video Standard	NTSC / PAL
Scanning System	Progressive
Image Sensor	1/2.8" 8 Megapixel progressive CMOS
Number Of Pixels(H x V)	3840 x 2160
Minimum Illumination	0.005 Lux/F1.4 (color,30 IRE), 0 Lux with IR ON
S/N Ratio	More than 55 dB
Electronic Shutter Speed	1 / 3 ~ 1 / 100000s
IR Distance	Up to 30m(98.4 ft), depending on scene reflectance
IR Light Control	Manual / Smart IR / OFF
IR Light Number	1
Day/Night	Auto(ICR) / Color / B&W
Backlight Compensation	BLC / HLC / WDR
Wide Dynamic Range	120 dB
White Balance	Auto / Natural / Street Lamp / Outdoor / Manual / Customized Region
Gain Control	0~100
Noise Reduction	3D NR
Privacy Masking	Off / On (4 Areas, Rectangle)
Motion Detection	Off / On (4 Zones, Rectangle)
Region Of Interest	Off / On (4 Zones)
Lens	3.6 mm Fixed, F1.4
Angle Of View	H: 84°, V: 45°
Alarm Input/Output	1 In; 1 Out
VIDEO	
Compression	H.265 / H.264 / Smart Codec/ MJPEG (Sub Stream)
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)
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)
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 3 Kbps~8192 Kbps H.265: 3 Kbps~8192 Kbps
Analytics	Motion Detection, Video Tamper, Scene Change, Smart Motion Detection, Smart Tripwire, Smart Intrusion, Face Detection
AUDIO	
Interface	1 In; 1 Out; Built-in Mic




NETWORK	
Ethernet	RJ-45 (10/100 Base-T)
Supported Web Browsers	Internet Explorer (11.0+)
Supported OS	Windows® 7 32-bit / 64-bit; Windows® 10 32-bit / 64-bit
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 / T
Maximum Users Access	20 users
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	Supports max. 256 GB Micro SD card, Class 10 (not included)
ELECTRICAL	
Power Supply	DC 12V, PoE (802.3 af)(Class 0)
Power Consumption	<6.3W
MECHANICAL	
Dimensions	192.7 mm x 70.5 mm x 66.4 mm(7.58" x 2.77" x 2.61")
Product Weight	0.59 kg (1.3 lb)
Package Weight	0.78 kg (1.7 lb)
Construction	Die-cast aluminum housing with powder coat
Construction Color	RAL 9003 (White)
ENVIRONMENTAL	
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Relative Humidity	0% to 95%, non-condensing
Ingress Protection	IP66
REGULATORY	
Emissions	FCC Part 15B, EN55032
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.

# PERFORMANCE SERIES NETWORK WDR 8MP IR BULLET CAMERA

## 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	
HB34S2-CM	Corner Mount Adapter

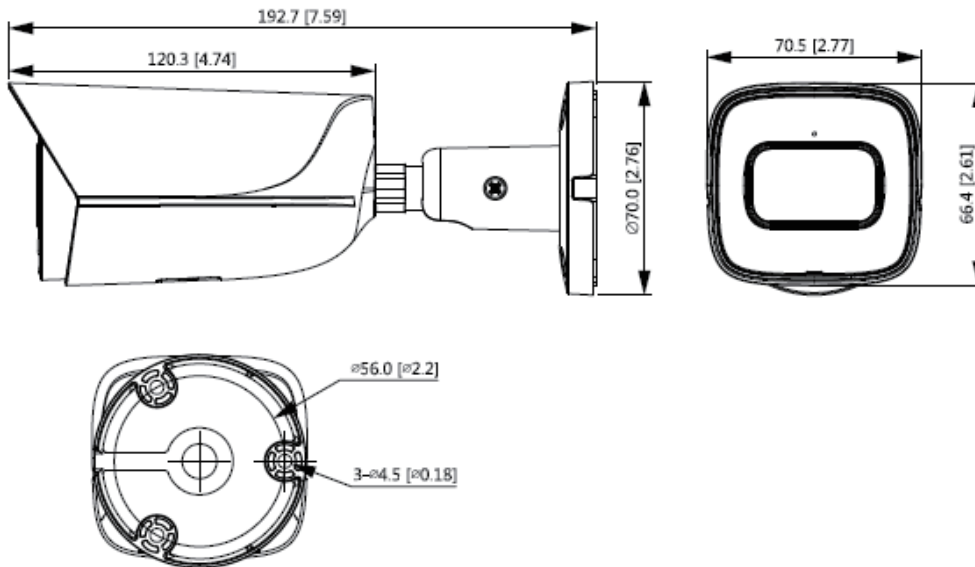
MOUNTS AND ACCESSORIES		
HEJB**		Back box
HQA-PM2		Pole Mount Bracket
HBS2-BB**		Junction Box

\*\*The HBS2-BB/HEJB must be used when installing the camera to HQA-PM2.

The HBS2-BB/HEJB must be used when installing the camera to HB34S2-CM.

ORDERING	
HBW8PER1V	Network WDR 8MP IR Bullet Camera, 1/2.8" CMOS, 3.6 mm Fixed, 1IR LEDs, PoE, IP66, H.265/Smart Codec

## DIMENSIONS



### For more information

[buildings.honeywell.com/security](http://buildings.honeywell.com/security)

### Honeywell Commercial Security

715 Peachtree St. NE

Atlanta, GA 30308

1.800.323.4576

[www.honeywell.com](http://www.honeywell.com)

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