Honeywell
THE POWER OF CONNECTED

Performance Series IP

HBW2PER1

Network WDR 2MP IR Bullet Camera

ONVIF® | S Q

OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive
IMAGE SENSOR	1/2.8" 2Megapixel progressive CMOS
NUMBER OF PIXELS (H × V)	1920(H) x 1080(V)
MINIMUM ILLUMINATION	0.07lux/F2.0(color,30IRE) 0Lux/F2.0(IR on)
S/N RATIO	More than 45dB
ELECTRONIC SHUTTER SPEED	1/3~1/100000s
IR DISTANCE	Up to 30m (98ft), depending on scene reflectance
IR LIGHT CONTROL	Manual/SmartIR/OFF
IR LIGHT NUMBER	18
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
WIDE DYNAMIC RANGE	120dB
NOISE REDUCTION	3D DNR
PRIVACY MASKING	Off / On (4 Areas, Rectangle)
MOTION DETECTION	Off / On (4 Zones, Rectangle)
REGION OF INTEREST	Off / On (4 Zones)
LENS	3.6mm Fixed, F2.0
ANGLE OF VIEW	H:88°, V:48°
VIDEO	
VIDEO COMPRESSION	H.265/H.264H/Smart Codec/MJPEG (Sub Stream)
RESOLUTION	1080P (1920×1080)/1.3M (1280×960)/ 720P (1280×720)/D1(704×480/576)/ VGA (640×480)/CIF(352×240/288)
FRAME RATE	Main Stream: 1080P(1 ~ 25/30fps) Sub Stream: D1(1 ~ 25/30fps)
BIT RATE CONTROL	CBR/VBR
BIT RATE	H.265: 12K ~ 6400Kbps H.264: 32K ~ 10240Kbps

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
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/Q
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	Network disconnection, IP conflict, Illegal access
ELECTRICAL	
POWER SUPPLY	DC12V, PoE (802.3af) (Class 0)
POWER CONSUMPTION	<5.2W
MECHANICAL	
DIMENSIONS	Ø70mm×164.7mm (2.76"x6.49")
PRODUCT WEIGHT	0.38kg (0.84lb)
PACKAGE WEIGHT	0.5kg (1.1lb)
MATERIAL	Metal+Plastic
CONSTRUCTION COLOR	RAL9003 (White)
ENVIRONMENTAL	
OPERATING TEMPERATURE	-30° C ~ +60° C (-22° F ~ +140° F)
RELATIVE HUMIDITY	Less than 95%, non-condensing
INGRESS PROTECTION	IP66
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.

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RECOMMENDED ACCESSORIES

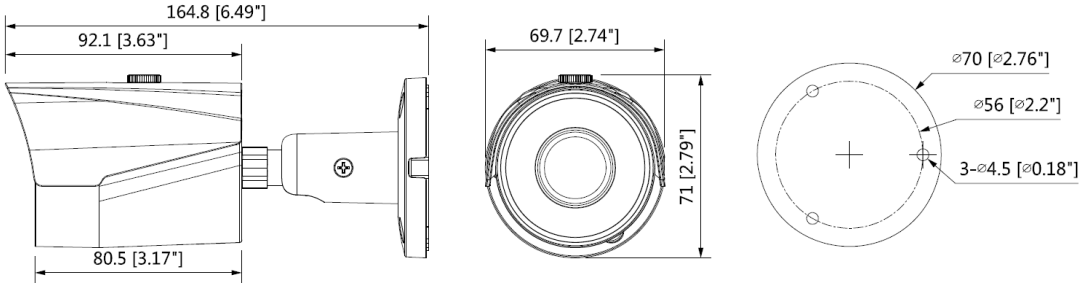
SYSTEM COMPATIBILITY	
HEN*4	8/16/32/64-channel Performance Series 4K NVRs (H.264 and H.265)
HEN*3	4/8/16/32-channel Performance Series 4K NVRs (H.264 and H.265)
HEN*2	4/8/16-channel Performance Series NVRs (H.264)
HRHT4*	4/8/16-channel 4 MP HQA/IP/CVBS Hybrid DVRs (H.264)

MOUNTS AND ACCESSORIES		
HB34S2-CM		Corner Mount Adapter
HQA-PM2		Pole Mount Adapter
HBS2-BB		Junction Box

ORDERING

HBW2PER1	Network WDR 2MP IR Bullet Camera, 1/2.8" CMOS, 3.6mm Fixed, 18 IR LEDs, PoE, IP66, H.265/H.264/Smart Codec

DIMENSIONS



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