

HBW4PGR1

Network WDR 4 MP IR Bullet Camera




OPERATIONAL	
VIDEO STANDARD	NTSC/PAL
SCANNING SYSTEM	Progressive scan
IMAGE SENSOR	1/2.8" 2 Megapixel progressive CMOS
NUMBER OF PIXELS (H x V)	2688(H) x 1520(V)
MINIMUM ILLUMINATION	Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR
S/N RATIO	More than 50dB
ELECTRONIC SHUTTER SPEED	1/3~1/100000s
IR DISTANCE	Up to 50m(164ft), depending on scene reflectance
IR LIGHT CONTROL	ON/OFF
IR LIGHT NUMBER	2
DAY/NIGHT	Day, Night, Auto, Scheduled-Switch, Triggered by Alarm Input
BACKLIGHT COMPENSATION	BLC / WDR
WHITE BALANCE	AWB1, MWB, Locked WB, Fluorescent Lamp, Incandescent Lamp, Warm Light Lamp, Natural Light
WIDE DYNAMIC RANGE	120 dB
NOISE REDUCTION	3D DNR
PRIVACY MASKING	Off / On (4 Areas, Rectangle)
MOTION DETECTION	Off / On (8 Zones, Rectangle)
REGION OF INTEREST	1 fixed region for main stream and sub-stream
LENS	4 mm, F1.6, Fixed
ANGLE OF VIEW	H:78°, V: 42°
VIDEO	
VIDEO COMPRESSION	Main stream: H.265/H.264 Main Profile/H.264 High Profile/Smart Codec Sub - stream: H.265/H.264 Main Profile/H.264 High Profile/MJPEG Third stream: H.265/H.264 Main Profile/H.264 High Profile
RESOLUTION	4M(2688 x 1520)/3M(2304 x 1296)/1080p(1920 x 1080)/720p(1280 x 720)/VGA(640 x 480)/(640 x 360)/QVGA(320 x 240)/CIF(352 x 288/352 x 240)
FRAME RATE	Main Stream 50Hz: 25fps (2688 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080) 60Hz: 30fps (2688 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080) Sub Stream 50Hz: 25fps (640 x 480, 640 x 360, 320 x 240) 60Hz: 30fps (640 x 480, 640 x 360, 320 x 240) Third Stream 50Hz: 25fps (1280 x 720, 640 x 360, 352 x 288) 60Hz: 30fps (1280 x 720, 640 x 360, 352 x 240)
BIT RATE CONTROL	CBR/VBR
BIT RATE	256Kbps to 16Mbps

AUDIO	
COMPRESSION	G.722.1, G.711 ulaw, G.711alaw, G.726, MP2L2, PCM
INTERFACE	Lineln
NETWORK	
ETHERNET	RJ-45 (10/100M self-adaptive adaptive Ethernet port)
SUPPORTED WEB BROWSERS	Internet Explorer (11.0+)
SUPPORTED OS	Windows® 7 32-bit/64-bit; Windows® 10 32-bit/64-bit
PROTOCOLS*	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
INTEROPERABILITY	ONVIF Profile G/S/T
MAXIMUM USERS ACCESS	32 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 address conflict, Illegal access, Video tampering, Motion detection, HDD full, HDD error
NETWORK STORAGE	Support Micro SD/SDHC/SDXC card (128G), local storage
ELECTRICAL	
POWER SUPPLY	12 VDC, 0.6A PoE (802.3af 37V to 57V), 0.2A to 0.1A
POWER CONSUMPTION	<5.2W
MECHANICAL	
DIMENSIONS	Ø105 x 299.7 mm (4.1" x 11.8")
PRODUCT WEIGHT	1.18Kg(2.6lb)
PACKAGE WEIGHT	1.7Kg(3.7lb)
MATERIAL	Metal
CONSTRUCTION COLOR	RAL9003 (White)
ENVIRONMENTAL	
OPERATING TEMPERATURE	-30° C ~ +60° C (-22° F ~ +140° F)
RELATIVE HUMIDITY	Less than 95%, non-condensing
INGRESS PROTECTION	IP 66
VANDAL RESISTANCE	NA
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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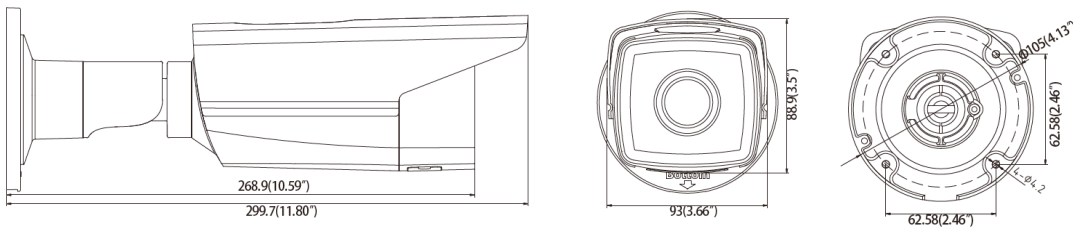
RECOMMENDED ACCESSORIES

SYSTEM COMPATIBILITY		MOUNTS AND ACCESSORIES	
HEN*4	8/16/32/64-channel Performance Series 4K NVRs (H.264 and H.265)	HQA-BB5	 Junction Box
HEN*3	4/8/16/32-channel Performance Series 4K NVRs (H.264 and H.265)		
HRHT4*	4/8/16-channel 4 MP HQA/IP/CVBS Hybrid DVRs (H.264)		

ORDERING

HBW4PGR1	Network WDR 4 MP IR Bullet Camera, 1/2.8" CMOS, 4mm Fixed, 2 IR LEDs, PoE, IP66, H.265/H.264/Smart Codec, SD slot, Audio I/O
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DIMENSIONS



For more information

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