

60 SERIES

HC60WB4R2

HC60WB4R2L



4MP Network TDN WDR IR Outdoor Bullet Camera



OPERATIONAL

Video Standard	NTSC / PAL
Scanning System	Progressive
Image Sensor	1 / 2.8" CMOS
Sensor Size (H x V)	5.18 x 3.89 mm
Number Of Pixels (H x V)	2560 x 1440 (4 MP)
Min. illumination (Color/B/W)	Color: 0.04 Lux @F1.4, B/W: 0Lux @F1.4 (IR on)
S/N Ratio	60 dB
Electronic Shutter Speed	1 / 30 ~ 1 / 32000
IR Distance	Up to 60m (197ft)
IR Light Control	Smart IR (Auto / Manual) / OFF, External IR trigger by output
IR Light Number	4
Removable IR-Cut Filter	Yes
Day/Night	Auto / Day / Night / Synchronize with digital input / Schedule
Backlight Compensation	WDR, HLC
White Balance	Auto / Fixed Current/Manual
Gain Control	0-100%
Wide Dynamic Range	120 dB
Noise Reduction	3D DNR
Lens	Remote Focus, 2.7 mm ~ 13.5 mm, MFZ, DC-IRIS, F1.4 ~ F2.8
Angle Of View (H x V)	H: 100° ~ 30°, V: 72° ~ 23°
Privacy Masking	Off / On (5 Areas)
Defog	Support
Encryption Chipset	Built-in FIPS encryption Chipset
Local Storage	Micro SD / SDHC / SDXC card slot (up to 256GB), SD Card encryption
Micro USB	Support WIFI Dongle configuration
Alarm Inputs / Outputs	2 In / 1 Out

VIDEO

Video Compression	H.265 HEVC / H.264/MJPEG, Smart Codec
Resolution (16/9)	2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360
Number of Video Streams	3
Frame Rate Main Stream	2560 x 1440 / 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50 / 60FPS), 2560 x 1440 (1-50FPS)
Frame Rate Second Stream	2560 x 1440 / 1920 x 1080 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-25 / 30fps), 1920 x 1080 / 1600 x 904 / 1360 x 768 / 1280 x 720 / 640 x 360 (1-50 / 60fps), 2560 x 1440 (1-50fps)
Frame Rate Third Stream	1280 x 960 / 640 x 480 (1-25/30fps), 1280 x 720 / 640 x 360 (1-50 / 60fps)
Bit Rate	20 K ~ 80 Mbps

AUDIO

Audio Compression	G.711a / G.711 Mu / G.726
Audio Stream	Full duplex, simplex
Audio Interface	Line In / Out

NETWORK

Ethernet	10 Base-T / 100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Internet Explorer 11 / Chrome 79.0
Supported OS	Microsoft Windows 10
Protocols*	IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, CIFS / SMB, SMTP, DHCP, NTP, DNS, DDNS, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile G / S
Maximum Users Access	10 Users
Security	User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.2 only, Stream encryption, AES128 / 256, SSH / Telnet closed, PCIDSS compliance, FIPS Chipset Built-In
Languages Supported	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese

EVENTS / ANALYTICS

Event type	Video motion detection, Periodically, Alarm input, System boot, Recording notification, Camera tampering detection
Event linkage	Event notification using digital output, HTTP, Email and MicroSD card
Region Of Interest	5

ELECTRICAL

Power Supply	12VDC / 24VAC (50/60Hz), PoE (IEEE 802.3at, Class 3)
Power Consumption	Max12.95W

MECHANICAL

Dimensions (D x D x L)	105.5 mm x 110.6 mm x 288.6 mm (4.15" x 4.35" x 11.36")
Product Weight	1.75kg (3.86lb)
Package Weight	1.78kg (3.92lb)
Body Material	Metal (die casting aluminum with power coating)
Color	RAL 120-1 (Lyric White)

ENVIRONMENTAL

Operating Temperature	Starting Temperature: -10°C ~ 60°C (-40°F ~ 140°F) Working Temperature: -30°C ~ 60°C (-40°F ~ 140°F)*
Relative Humidity	Less than 90%, non-condensing
Ingress Protection	IP66 / IP67
Impact Resistance	IK10
Heater	NO
Gore Vent	Yes

REGULATORY

Emissions	FCC PART 15, CE (EN 55032)
Immunity	CE(EN 50130-4)
Safety	UL LISTED TO UL / CSA 62368-1, CE(EN 62368-1), UL / CSA 60950-22, CE(EN 60950-22)
RoHS	CE(EN 50581), EAC(TR EAEU 037 / 2016), UAE(Cabinet Decree No.10 of 2017)
Country of Origin	Taiwan

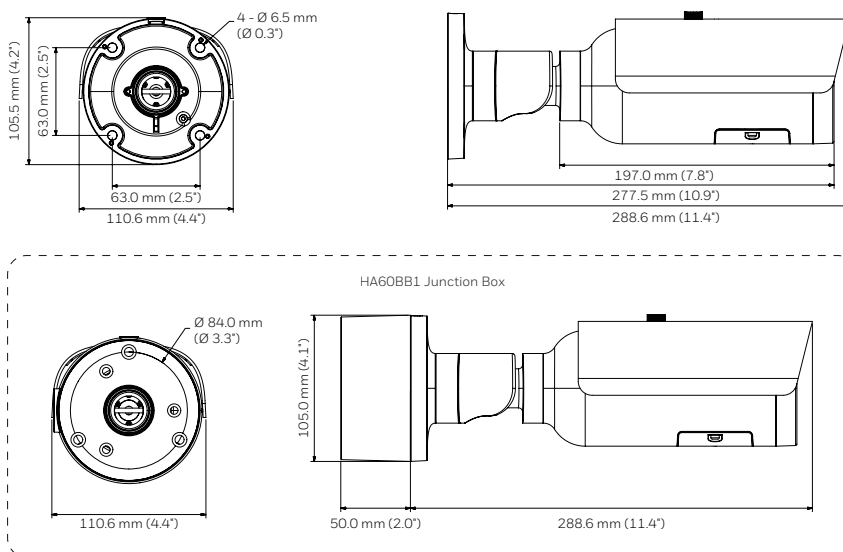
* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

60 SERIES 4MP NETWORK TDN WDR IR OUTDOOR BULLET CAMERA

SYSTEM COMPATIBILITY		OPTIONAL MOUNTS AND ACCESSORIES	
Pro-Watch NVR	Up to 256 IP channels RAID5 / 6 Enterprise NVR	HA60BB1	Junction box
MAXPRO NVR PE	Up to 128 IP channels RAID5 / 6 Enterprise NVR	HA60PLMZ	PTZ pole mount bracket
MAXPRO NVR SE	Up to 64 IP channels System NVR	HA60CNMZ	PTZ corner mount bracket
MAXPRO NVR XE	Up to 16 IP channels System NVR	HA60WIF	Wi-fi dongle and USB adapter for camera configuration
MAXPRO NVR SOFTWARE	Up to 128 IP channels Recording Software	HA60BFP	Replacement bullet camera front panel - 60 Series
ADPRO NVR FASTTRACE 2E	Up to 32 IP channels with up to 32 VA channels NVRs		
ADPRO NVR iFT-E	Up to 32 IP channels with up to 32 VA channels NVRs		
ADPRO NVR iFT	Up to 32 IP channels or 16 IP channels with up to 16 VA channels NVRs		
ADPRO NVR eFT	Up to 16 IP channels or 8 IP channels with up to 8 VA channels NVRs		
ADPRO NVR iFT GATEWAY	4 IP channels + 4 VA channels		
HEN*4	8 / 16 / 32 / 64-channel Performance Series NVRs (H.264 and H.265)		
Honeywell DVM	Supported with Honeywell DVM R700, DVM R620		
30 SERIES NVR	Integration with 30 Series NVR		

ORDERING	
HC60WB4R2	4MP Network Outdoor Bullet Camera, WDR 120dB, 1/2.8" CMOS, 2.7 ~ 13.5 mm, MFZ, 4 IR LEDs, PoE, H.265 HEVC Smart Codec, IP66/67, IK10, White & Grey
HC60WB4R2L	4MP Network Outdoor Bullet Camera, WDR 120dB, 1 / 2.8" CMOS, 2.7 ~ 13.5 mm, MFZ, 4 IR LEDs, PoE+, H.265.HEVC Smart Codec, IP66 / 67 / IK10, Grey, w / o VA license

DIMENSIONS



For more information

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