

70 SERIES HC70WB8R2

8 MP Network Outdoor Bullet Camera



OPERATIONAL	
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	Sony IM x 334, 1/1.8 in
Sensor size (H x V)	7,68 mm x 4,32 mm
Number Of Pixels (H x V)	8 MP (3840 x 2160)
Minimum Illumination (Color/BW)	Color: 0.005 Lux @F1.5, B/W: 0Lux @F1.5 (IR on)
S/N Ratio	>50 dB
Electronic Shutter Speed	Exposure Mode: manual Min exposure time: 1/32000-1/120 Max exposure time: 1/25000-1
IR Distance	60 m
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/Schedule
Backlight Compensation	WDR, HLC
White Balance	Auto/Fixed Current/Manual
Gain Control	0-100 %
Wide Dynamic Range	130 dB
Noise Reduction	3D DNR
Lens	Remote Focus, 3,6 mm to 11 mm, MFZ, P-IRIS, F1.5 ~ F2.8
Angle Of View (H x V)	H: 108° ~ 50°, V: 60° ~ 28°
G-Sensor	Support Camera Direction OSD Display (Default-Off)
Privacy Masking	Off/On (5 Areas)
Defog	Support
Encryption Chipset	Built-in FIPS 140-2 certified encryption chipset
Local Storage	2 Micro SD/SDHC/SDXC card slot (up to 1 TB each), SD card encryption
Micro USB	Support Wi-Fi dongle configuration
Alarm Inputs / Outputs	1 In/1 Out
VIDEO	
Smart Video Analytics (Built-in)	Intrusion detection, loiter detection, line crossing, face detection, object left unattended, object removed, motion detection, tampering detection
Video Analytics (Additional license required)	License Plate Recognition Facial Recognition (Facial Recognition Add-On, SW and External Server are Required)
Compression	H.265 HEVC/H.264/MJPEG, Smart Codec
Resolution (16/9)	Main stream: 3840x2160, 3264x1840, 2688x1520, 2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 800x600, 640x480, 640x360, 320x240 Sub stream: 1920x1080, 1280x720, 800x600, 640x480, 640x360, 320x240 Third stream: 1280x720, 800x600, 704x576, 640x480, 640x360, 320x240
Number of Video Streams	3
Frame Rate	30 fps (8 M mode), 60 fps (2 M mode)
Bit Rate	16K to 80 Mbps

AUDIO	
Compression	G.711a/G.711Mu/G.726
Stream	Full duplex, simplex
Interface	Line in/out
NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Mozilla Firefox™, Chrome™, Microsoft® Edge™
Supported OS	Microsoft® Windows™ 10
Protocols*	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, DHCP, NTP, DNS, DDNS, CoS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile G / S / T / M
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 140-2 certified chipset built-in, UL 2900-2-3, Security Level L3
Languages Supported	English, French, German, Italian, Japanese, Portuguese, Russian, Spanish, Traditional Chinese
EVENTS	
Event type	Video analytics, periodically, alarm input, system boot, recording notification
Event linkage	Event notification using digital output, HTTP, e-mail and MicroSD card
Region Of Interest	6
ELECTRICAL	
Power Supply	AC24 V , PoE (IEEE 802.3at, Class 4)
Power Consumption (Max)	24 W
MECHANICAL	
Dimensions (D x D x L)	104,9 mm x 104,9 mm x 171,3 mm (4.11 in x 4.11 in x 6.74 in)
Product Weight	1,75 kg (3.86 lb)
Package Weight	2,2 kg (4.85 lb)
Body Material	Polycarbonate/Metal (die casting aluminum with powder coating)
Color	RAL 120-1 (Honeywell white)/RAL 7022 (dark gray)
ENVIRONMENTAL	
Operating Temperature	-40°C to +60°C (-40°F to +140°F) (65°C [145°F] 4 hours)
Relative Humidity	Less than 90 %, non-condensing
Ingress Protection	IP66/IP67/NEMA 4 X
Impact Resistance	IK10
Heater	Yes
Gore Vent	Yes

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70 SERIES - 8 MP NETWORK OUTDOOR BULLET CAMERA

REGULATORY	
Emissions	FCC PART 15, CE (EN 55032), comply with RCM and UKCA
Immunity	CE (EN 50130-4), comply with RCM and UKCA
Safety	UL listed to UL/CSA 62368-1, CE (EN 62368-1), UL/CSA 60950-22, CE (EN 60950-22), comply with UKCA
RoHS	CE (EN 50581), UAE (Cabinet Decree No.10 of 2017)
Country of Origin	Taiwan

SYSTEM COMPATIBILITY	
Pro-Watch NVR	Up to 256 IP channels RAID5/6 Enterprise NVR
Maxpro NVR PE	Up to 128 IP channels RAID5/6 Enterprise NVR
Maxpro NVR SE	Up to 64 IP channels system NVR
Maxpro NVR XE	Up to 16 IP channels system NVR
Maxpro NVR Software	Up to 128 IP channels recording software
Honeywell DVM	Supported with Honeywell DVM R700.1 (and later maintenance releases)

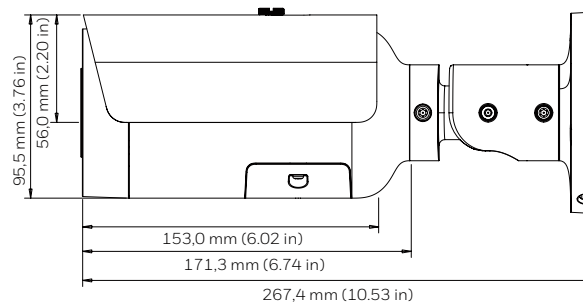
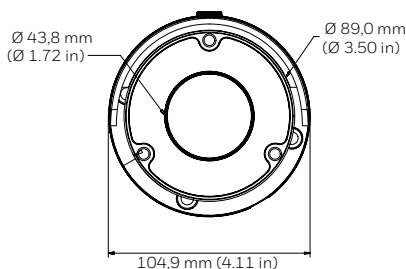
OPTIONAL MOUNTS AND ACCESSORIES*	
HA60BB1	Junction box, 60 and 70 Series outdoor bullet cameras
HA60CNMZ	PTZ corner mount bracket, white
HA60PLMZB	PTZ pole mount bracket, white
HA60WIF	Wi-Fi dongle and USB adapter for camera configuration

* Mounting accessories are not included with camera and must be ordered separately. Please refer to the cross reference matrix or accessories datasheet for detailed information.

ORDERING*	
HC70WB8R2	8 MP Network IR bullet camera, TDN, WDR, 1/2.7 in CMOS, 3,6 mm to 11 mm MFZ, 4 IR LEDs, H.265, PoE, IP66/IP67/IK10, NDAA compliant
HV70LPRL1	Honeywell License Plate Recognition L1, Stop & Go
HV70LPRL2	Honeywell License Plate Recognition L2, Up to Speed 30 mph
HVONW70CAM19	Facial Recognition Annual License per 70 Series Camera (Qtys. 1 to 19)
HVONW70CAM99	Facial Recognition Annual License per 70 Series Camera (Qtys. 20 to 99)
HVONW70CAM499	Facial Recognition Annual License per 70 Series Camera (Qtys. 100 to 499)
HVONW70CAM500	Facial Recognition Annual License per 70 Series Camera (Qtys. 500 and over)

DIMENSIONS

Figure 1.



For more information,

<https://honeywellbuildings.in>

Tel: +91 124 4975000

Email: BuildingAutomation.SecurityIndia@honeywell.com

Honeywell Building Automation

Unitech Trade Center, 5th Floor, Sector-43,
Block C, Sushant Lok Phase - I,
Gurgaon - 122 002, Haryana, India
<https://www.honeywellbuildings.in/>



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