

60 SERIES

HC60WB4R2I

HC60WB2R2I

HC60WB4R5I

2MP/4MP Ultra Low-light IR Rugged Bullet Cameras



5 YEAR
WARRANTY

ONVIF | **SGT M**

OPERATIONAL	
RAM	1 GB
Flash	512 MB
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	1/2.8" CMOS
Pixel Size	2.0 μm x 2.0 μm
Sensor Size (H x V)	5.216 x 3.928 mm
Number of Pixels (H x V)	HC60WB4R2I: 4 MP (2592 x 1520) HC60WB2R2I: 2 MP (1920 x 1080)
Minimum Illumination (Color/BW)	HC60WBxR2I: 0.002Lux@F1.6 HC60WB4R5I: 0.005Lux@F2.0
S/N Ratio	> 55 dB
Electronic Shutter Speed	1/3 ~ 1/100,000
IR Distance	HC60WBxR2I: Up to 60m HC60WB4R5I: Up to 100m
IR Light Control	Smart IR (Auto/Manual)/OFF
IR Light Number	10
Removable IR-Cut Filter	Yes
Day/Night	Auto/Day/Night/Timing
Backlight Compensation	WDR, HLC, BLC
White Balance	Auto/Tungsten/Fluorescent/Daylight/Shadow
Gain Control	0 ~ 100 %
Wide Dynamic Range	140 dB
Noise Reduction	3D DNR
Lens	HC60WBxR2I: 2.7 ~ 13.5 mm, MFZ, DC-Iris, F1.4 ~ F2.8 HC60WB4R5I: 5 ~ 50 mm, MFZ, DC-Iris, F2.0
Digital Image Stabilization	Yes
Angle of View (H x V)	HC60WBxR2I: H:94° ~ 30° V: 52° ~ 17° HC60WB4R5I: H:45° ~ 7° V: 25° ~ 4°
Privacy Masking	Off/On (4 Areas)
Defog	Yes
Encryption Chipset	Hardware embedded
Local Storage	Micro SD/SDHC/SDXC card slot (1TB)
Alarm Inputs/Outputs	2 in/1 out
Reset	Supported

*For detailed information about frame rate and bit rate, please refer to the User Guide.

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

VIDEO	
Video Compression	H.265/H.264/MJPEG, Smart codec
Resolution (16/9)	HC60WB4R2I: 2592 x 1520/1920 x 1080/1280 x 720 HC60WB2R2I: 1920 x 1080/1280 x 720
Resolution (4/3)	640 x 480/320 x 240
Number of Video Streams	3
Frame Rate*	Main Stream: HC60WB4R2I: 2592 x 1520/1920 x 1080/1280 x 720 25/30fps HC60WB2R2I: 1920 x 1080 50/60fps, 1280 x 720 25/30fps Second Stream: 1920 x 1080/704 x 576 (PAL)/704 x 480 (NTSC)/640 x 480/352 x 288 (PAL)/352 x 240(NTSC) 25/30fps Third Stream: 640 x 480/352 x 288 (PAL)/352 x 240 (NTSC)/320 x 240 25/30fps
Bit Rate*	100K ~ 12Mbps
Analog Output Support	CVBS (Reserved)
AUDIO	
Audio Compression	G.711a/ G.711Mu
Audio Stream	Full duplex
Audio Interface	HC60WBxR2I: Line in/out, Built-in Mic HC60WB4R5I: Line in/out, Built-in Mic
NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Microsoft Edge, Chrome
Supported OS	Microsoft Windows 10, Windows 11
Protocols**	IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS
Interoperability	ONVIF Profile G/S/T/M
Maximum Users Access	10 Users
Security	Software: Firmware encrypted&Signed, SD card encryption, User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.2 only, Stream encryption, AES128/256, SSH/Telnet closed, PCIDSS compliance & attestation Hardware: Secure boot, Secure authentication chipset built-in
Languages Supported	Arabic, Chinese (Traditional), Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Spanish, Turkish
EVENTS/ANALYTICS	
Video Analytics	Standard: Motion detection, Scene change AI Based: Smart motion, Intrusion, Multi loitering, People counter, Face detection, Line crossing detection, Unattended object detection, Missing object detection
Event Type	Analytics alarm, Security alarm, Disk alarm, Recording alarm, Audio detection
Event Linkage	Email, Push notification, SD card recording, Digital output
Region of Interest	8
Event	Event notification using digital output SMTP, FTP, MicroSD card

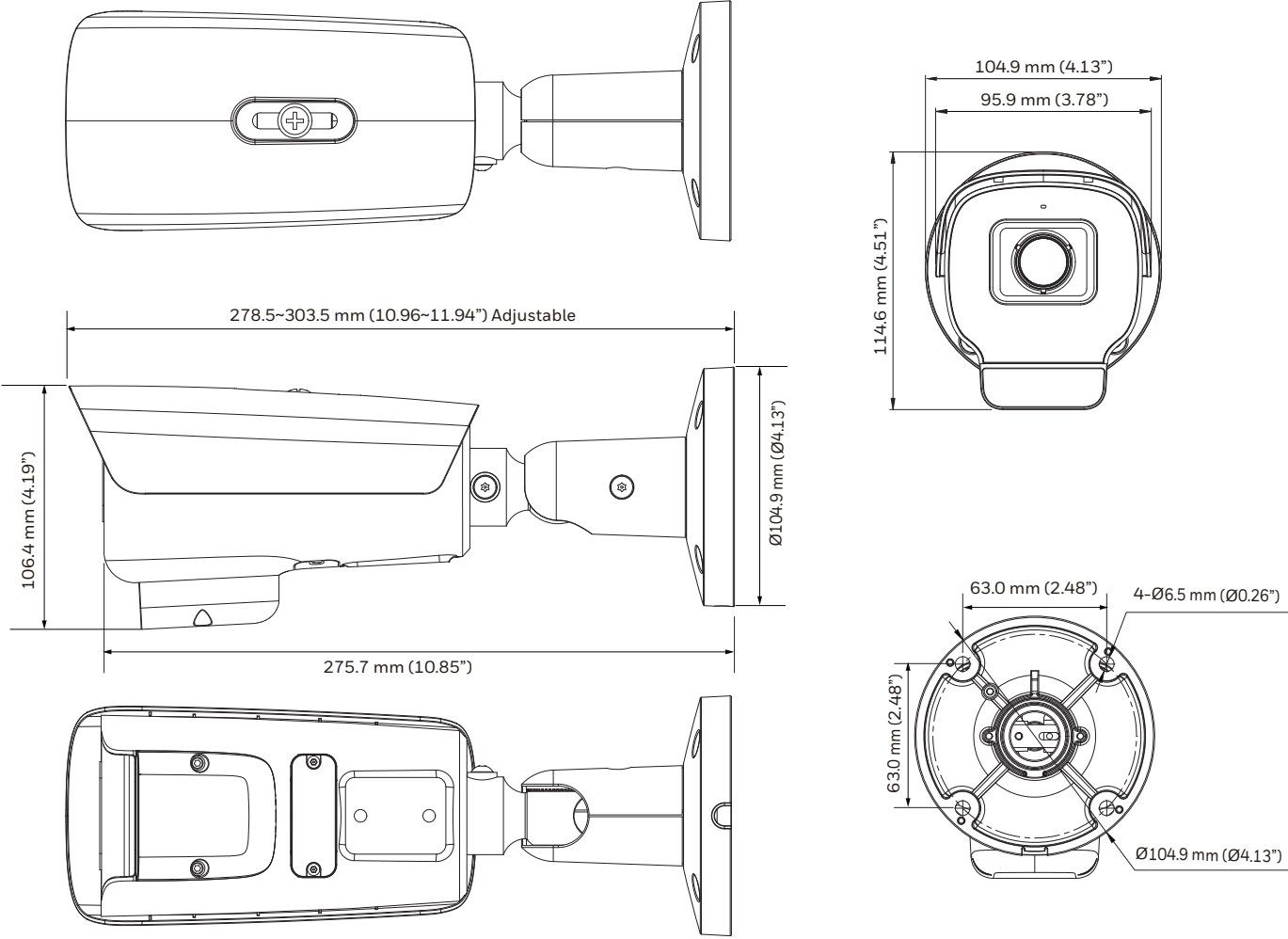
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60 SERIES 2MP/4MP ULTRA LOW-LIGHT IR RUGGED BULLET CAMERAS

ELECTRICAL	
Power Supply	AC24V, DC12V, PoE (IEEE 802.3af)(Class 0)
Power Consumption (Max)	HC60WBxR2I: 9.36 W HC60WB4R5I: 9.6 W
MECHANICAL	
Dimensions	303.5 x 104.9 x 114.6 mm (11.95" x 4.13" x 4.51")
Product Weight	1.36 kg (2.99 lb)
Package Weight	1.60 kg (3.53 lb)
Body Material	Metal (die casting aluminum with powder coating)
Color	Hon dark gray + White (RAL9003)

ENVIRONMENTAL	
Operating Temperature	Starting temperature: -40 °C ~ 60 °C (-40 °F ~ 140 °F) Working temperature: -40 °C ~ 60 °C (-40 °F ~ 140 °F) (IR off)
Relative Humidity	Less than 90 %, Non-condensing
Ingress Protection	IP66, IP67
Impact Resistance	IK10
Gore Vent	Supported
REGULATORY	
Emissions	FCC PART 15, CE (EN 55032), ICES-003, Complies with RCM and UKCA
Immunity	CE (EN 50130-4, EN 55035), Complies with RCM and UKCA
Safety	UL listed to UL/CSA 62368-1, CE (EN 62368-1), Complies with RCM and UKCA
RoHS	CE (EN 63000), UAE (Cabinet Decree No.10 of 2017)

DIMENSIONS



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RECOMMENDED ACCESSORIES

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
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
Honeywell DVM	Supported with Honeywell DVM R700, DVM R620
35 Series NVR	4/8/16/32-channel 35 series NVRs (H.264 and H.265)
HEN*3	4/8/16-channel performance series NVRs (H.264 and H.265)

OPTIONAL MOUNTS AND ACCESSORIES	
HA60PLMZB	Pole mount bracket (used along with HA60BB1)
HA60CNMZ	Corner mount adapter (used along with HA60BB1)
HA60BB1	Junction box, 60 Series outdoor bullet

Mounting accessories are not included with camera and must be ordered separately. Please refer to the 60 Series accessories cross reference matrix or accessories datasheet for detailed information.

ORDERING	
HC60WB4R2I	4 MP Remote Outdoor Bullet Camera, WDR 140 dB, 2.7 ~ 13.5 mm, PoE 802.3af, DC12V, Audio & Alarm in/out, IK10
HC60WB2R2I	2 MP Remote Outdoor Bullet Camera, WDR 140 dB, 2.7 ~ 13.5 mm, PoE 802.3af, DC12V, Audio & Alarm in/out, IK10
HC60WB4R5I	4 MP Remote Outdoor Bullet Camera, WDR 140 dB, 5 ~ 50 mm, PoE 802.3af, DC12V, Audio & Alarm in/out, IK10

For More Information

<https://hwl.co/securityAE>
buildings.honeywell.com/security

Honeywell Commercial Security

Emaar Business Park, Sheikh Zayed Road
Building No. 2, 2nd floor, 201
Post Office Box 232362
Dubai, United Arab Emirates
Tel: +971 4 450 5800
www.honeywell.com



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HSV-HC60WBxRxi-01-ME(0923)DS-Y
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