

50 SERIES HC50WB5R2



5MP IP MFZ Lens IR Rugged Bullet Cameras

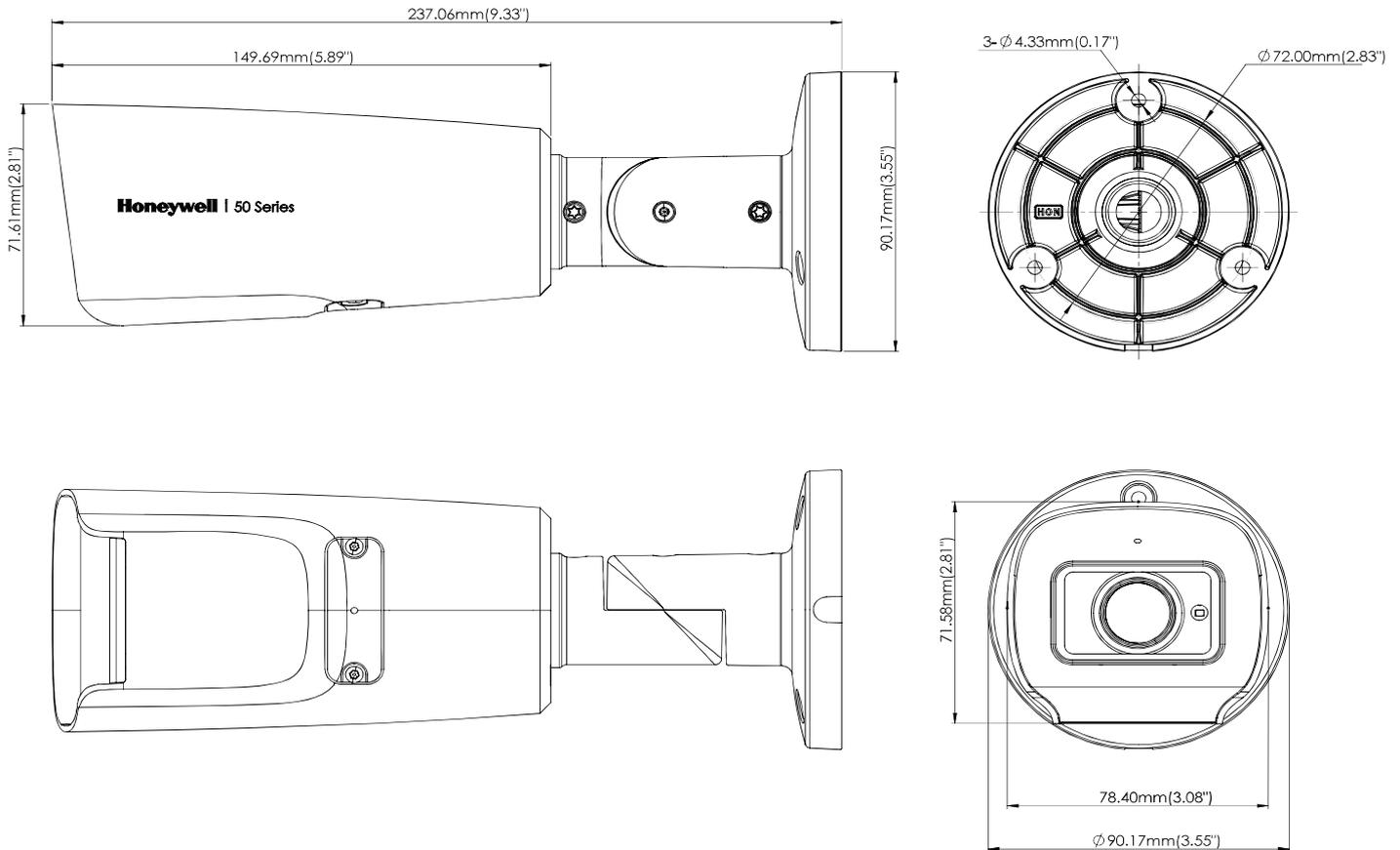


OPERATIONAL		NETWORK	
Video Standard	NTSC/PAL	Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Scanning System	Progressive	Supported Web Browsers	Microsoft Edge, Chrome
Image Sensor	1/2.8" CMOS	Supported OS	Microsoft Windows 10, Windows 11
Lens	2.7 ~ 13.5 mm, MFZ, DC-Iris, F1.4 ~ F3.6	Protocols**	IPv4, IPv6, TCP/IP, HTTP, HTTPS, RTSP/RTP/RTCP, IGMP/Multicast, SMTP, SNMP, DHCP, NTP, DNS, DDNS, CoS, QoS, 802.1X, UPnP, mDNS(Bonjour), UDP, ICMP, ARP, TLS, SFTP
Number of Pixels (H x V)	5MP (2592x1944)	Interoperability	ONVIF Profile S/G/T/M
Minimum Illumination (Color/BW)	Color: 0.005 Lux @ F1.6 B/W: 0 Lux IR ON	Maximum Users Access	10 Users
S/N Ratio	55 dB	Security	Firmware encrypted & Signed, SD card encryption, User account and password protection, HTTPS, IP Filter, Digest authentication, Device Certificate, TLS 1.2 & 1.3, Stream encryption, AES128/256, SSH/Telnet closed, PCIDSS compliance, Secure boot, Prevent brute-force attack, Audit User Access/System/Event log management
Electronic Shutter Speed	1/3 to 1/1,00,000s	Languages Supported	English, French, German, Italian, Japanese, Portuguese, Spanish
IR Distance	70 Mtrs	EVENTS/ANALYTICS	
IR Light Control	Smart IR (Auto/Manual)/OFF	Video Analytics	Motion Detection, Scene Change, Tamper Detection, Smart Motion, Smart Intrusion, Smart Loitering, Smart Line Crossing Detection, Unattended Object Detection, Missing Object Detection, People Counter, Queuing, Crowd Gathering, Heat Map, Face Detection
Day/Night	Auto/Day/Night/Timing	Event Type	Analytics alarm, Disk alarm, Recording alarm, Tampering, Alarm input, Audio detection
Backlight Compensation	WDR, BLC, HLC	Event Linkage	Email, SD card recording, SFTP recording, NAS recording, Digital output
Wide Dynamic Range	130 dB	Region of Interest	6
Noise Reduction	2D/3D DNR	Event Notification	HTTPS, HTTP, SMTP, ONVIF, Digital output
Electronic Image Stabilization	Supported	ELECTRICAL	
G-Sensor	Supported	Power Supply	DC12V, PoE (IEEE 802.3af)(Class 0)
Privacy Masking	Off/On (5 Areas)	Power Consumption (Max)	12.95W
Defog	Supported	MECHANICAL	
Local Storage	Micro SD/SDHC/SDXC card slot (2TB)	Dimensions	237 x 90.17 x 71.6 mm (9.33" x 3.55" x 2.81")
IR-Cut Filter	Supported	Product Weight	0.87 kg (1.92 lb)
White Balance	Auto/Fixed Current/Manual	Package Weight	1.14 kg (2.5 lb)
Gain Control	0 ~ 100%	Body Material	Aluminium + Polycarbonate
Angle of View (H x V)	H:100° ~ 28.5° V: 73° ~ 21.4°	Color	White (RAL9003)
Alarm Inputs / Outputs	1 in/1 out	DORI*** (EN62676-4 STANDARD)	
Reset	Supported	Detect	59.4(W)-208.4(T) Mtrs
VIDEO		Observe	23.6(W)-82.7(T) Mtrs
Video Compression	H.265 HEVC/H.264/MJPEG, Smart Codec	Recognize	11.9(W)-41.7(T) Mtrs
Number of Video Streams	4	Identify	5.9(W)-20.8(T) Mtrs
Resolution*	Main Stream: 2592 x 1944/2592 x 1520/2304 x 1296 1920 x 1080/1280 x 720/704 x 576/640 x 480 352 x 288/320 x 240 Second Stream: 2592 x 1944/2592 x 1520/2304 x 1296 1920 x 1080/1280 x 720/704 x 576/640 x 480 352 x 288/320 x 240 Third Stream: 1920 x 1080/1280 x 720/704 x 576 640 x 480/352 x 288/320 x 240 Fourth Stream: 640 x 480/352 x 288/320 x 240	*Refer to resolution-frame rate reference document for more details.	
Frame Rate*	Main Stream:Max@50fps Second Stream:Max@50fps Third Stream:Max@50fps Fourth Stream:Max@50fps	** Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.	
Bit Rate	100 K ~ 12 Mbps	***The table is for reference only. The detection value is a theoretical value and may differ from the actual detection value. The distances within it are subject to actual conditions including atmospheric conditions, target size, the installation site and more.	
AUDIO			
Audio Compression	G.711a/G.711Mu/G.726/AAC		
Audio Stream	2-Way, Full duplex		
Audio Interface	Line in/out, Built-in Mic		

50 SERIES 5MP DOME MFZ LENS IR RUGGED BULLET CAMERAS

ENVIRONMENTAL		REGULATORY	
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F) (IR off)	Emissions	FCC PART 15, CE (EN 55032), ICES-003
Relative Humidity	Less than 95 %, Non-condensing	Immunity	CE (EN 50130-4, EN 55035)
Ingress Protection	IP66, IP67	Safety	UL listed to UL/CSA 62368-1, BIS IS 13252 (Part 1)/IEC 69050-1
Impact Resistance	IK10	Environment	RoHS, REACH, WEEE
Reliability	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC 60068-2-11, IEC 60068-2-27, IEC 60068-2-64	Cyber Security	BIS ER, STQC
Gore Vent	Supported	Country of Origin	India

DIMENSIONS



ORDERING

ORDERING	
HC50WB5R2	5 MP Outdoor Bullet Camera, WDR, 2.7 ~ 13.5 mm, PoE 802.3af, DC12V, Audio & Alarm in/out, IK10



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