

10 SERIES HC10W48R1



8MP IP WDR Fixed Dome Camera



OPERATIONAL		
Video Standard	NTSC / PAL	
Scanning System	Progressive	
Image Sensor	1/2.7" Progressive Scan CMOS	
Number Of Pixels (H x V)	3840 × 2160	
Minimum Illumination (Color/BW)	Color: 0.01 Lux @ (F1.6, AGC ON) , B/W: 0 Lux @ (IR LED ON)	
S/N Ratio	55db	
Electronic Shutter Speed	1/5 ~ 1/20,000s	
IR Distance	Up to 30m (98.4 ft)	
IR Light Control	Smart IR (Auto/Manual)/OFF	
Day/Night	Auto (ICR) / Color / BW	
Backlight Compensation	WDR, BLC, HLC	
White Balance	Auto / Tungsten / Fluorescent / Daylight / Shadow / Manual	
Gain Control	0-100%	
Wide Dynamic Range	120 dB	
Noise Reduction	2D / 3D DNR	
Lens	2.8mm, Fixed Iris, F2.0	
Angle Of View (H x V x D)	H: 105°, V: 56°	
Privacy Masking	Off / On (4 Areas)	
Defog	Supported	
Local Storage	Built-in Micro SD (up to 256 GB) - not included	
Alarm Inputs/Outputs	N/A	
Pan Range	0°~335°	
Tilt Range	0°~75°	
Rotation Range	0°~350°	
VIDEO		
Video Compression	H.265 HEVC/H.264/MJPEG, Smart Codec	
Resolution	1st: 3840×2160, 2880×1620, 2592×1520, 2560×1440, 2304×1296, 1920×1080, 1280×720 2nd: 704×576(PAL) / 704×480(NTSC) / 640×480 / 352×288(PAL) / 352×240(NTSC) 3rd: 640×480/352×288(PAL) / 352×240(NTSC) / 320×240	
Number of Video Streams	3	
Frame Rate*	Main Stream	MAX 25 fps
	Second Stream	MAX 25 fps
	Third Stream	MAX 25 fps
Bit Rate*	Stream1: 500kbps~16Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~1.5Mbps	
AUDIO		
Audio Compression	N/A	
Audio Stream	N/A	
Audio Interface	N/A	

NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Chrome, Microsoft Edge
Supported OS	Microsoft Windows 10, Windows 11
Protocols**	IPv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, QoS, SNMP,802.1X, UDP, ICMP, ARP, TLS/SSL
Interoperability	ONVIF Profile G/S/T
Maximum Users Access	10 Users
Security	User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.3, Stream encryption, AES128 /256, SSH / Telnet closed
Languages Supported	Arabic, Czech, Dutch, English, French, German, Italian, Japanese, Korean, Polish, Portuguese (Brazil), Russian, Spanish, Turkish
EVENTS / ANALYTICS	
Video Analytics	Motion Detection, Smart Motion, Scene Change, Intrusion, Multi Loitering, People Counter, Line Crossing Detection
Event Type	Analytics alarm, Security alarm, Disk alarm, Recording alarm
Event Linkage	Email, Push notification, FTP uploading, SD card recording, FTP uploading
Region Of Interest	8
ELECTRICAL	
Power Supply	DC12V, PoE (IEEE 802.3af)
Power Consumption (Max)	Max 4.5W
MECHANICAL	
Dimensions (D x D x H)	Ø110 × 85.6mm (Ø4.33" × 3.37")
Dome Diameter	Ø79.5mm (3.13")
Product Weight	0.56kg (1.23lb)
Package Weight	0.65kg (1.43lb)
Body Material	Die-cast aluminium housing
Color	Honeywell White (RAL9003), Pantone Black
ENVIRONMENTAL	
Operating Temperature	Operating Temperature: -30°C ~ 60°C (-22°F ~ 140°F)
Relative Humidity	Less than 90 %, non-condensing
Ingress Protection	IP66
Impact Resistance	IK10
REGULATORY	
Emissions	EN 55032
Other	NDAA compliant
ROHS	EN 63000
IMMUNITY	EN 50130-4
SAFETY	EN 62368-1

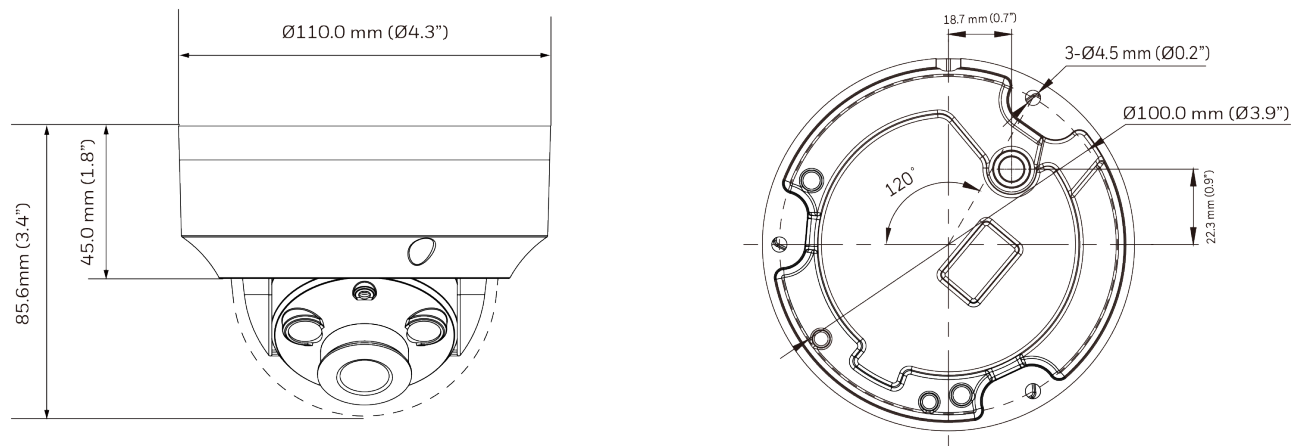
*For detailed information about frame rate and bit rate, please refer to the User Guide.

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

Honeywell

10 SERIES - 8MP IP WDR FIXED DOME CAMERA

DIMENSIONS



RECOMMENDED ACCESSORIES AND ORDERING

SYSTEM INTEGRATION	
35 Series NVR	Integration with 35 Series NVR
10 Series NVR	Integration with 10 Series NVR

OPTIONAL MOUNTS AND ACCESSORIES*	
HA60JCBH1	60S junction box, white
HA60CNMZ	60S corner mount adapter, white
HA60PLMZB	60S pole mount adapter, white
HA60WLMB1	60S wall mount bracket, 1.5NPT female, white
HA35PMC03	35S fixed camera cap, 1.5NPT male, white
HA35CLM01	35S ceiling mount base with adapter, white
HA35CLM02	35S ceiling mount extension, 252mm, white
HA35JCBHDF	35S fixed dome junction box, white
HA35JCBWML	35S wall mount bracket, white

*Select 35 Series and 60 Series mounting accessories are compatible with 10 Series cameras. 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	
HC10W48R1	10S 8MP Network IR Dome Camera, 120dB WDR, 2.8mm Fixed lens, POE, 12VDC, IP66, IK10

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HSV-HC10W48R1-01-ME-EN-(1025)DS-ZD
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