

10 SERIES HC10W42R2I

2MP IP WDR MFZ Dome Camera



OPERATIONAL		
Video Standard	NTSC/PAL	
Scanning System	Progressive	
Image Sensor	1/2.8" Progressive Scan CMOS	
Number Of Pixels (H x V)	1920x1080	
Minimum Illumination (Color/BW)	Color: 0.01 Lux @ (F1.2, AGC ON) B/W: 0 Lux @ (IR LED ON)	
S/N Ratio	55db	
Electronic Shutter Speed	1/5 ~ 1/20,000s	
IR Distance	40M(131.2ft)	
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	3D DNR	
Lens	2.7~13.5 mm, DC Iris, F1.6 to F3.1, MFZ	
Angle Of View (H x V x D)	H: 101° to 29.3°, V: 54.4° to 12.6°	
Privacy Masking	Off / On (4 Areas)	
Defog	Supported	
Local Storage	Micro SD (up to 256 GB)	
Alarm Inputs/Outputs	1 In / 1 Out	
Pan Range	0°~355°	
Tilt Range	0°~75°	
Rotation Range	0°~355°	
VIDEO		
Video Compression	H.265 HEVC/H.264/MJPEG, Smart Codec	
Resolution	1st: 1920 x 1080 / 1280 x 720 2nd: 704 x 576(PAL) / 704 x 480(NTSC) / 640 x 480 / 352 x 288(PAL) / 352 x 240(NTSC) 3rd: 640 x 480/352 x 288(PAL) / 352 x 240(NTSC) / 320 x 240	
Number of Video Streams	3	
Frame Rate*	Main Stream	MAX 30 fps
	Second Stream	MAX 30 fps
	Third Stream	MAX 30 fps
Bit Rate*	Stream1: 500kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps	
AUDIO		
Audio Compression	G.711A/G.711U	
Audio Stream	2-Way, Full duplex	
Audio Interface	Line In/Out, with built-in Microphone	

NETWORK	
Ethernet	10 Base-T/100 Base-TX Ethernet (RJ-45)
Supported Web Browsers	Chrome, Firefox, 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 6W
MECHANICAL	
Dimensions (D x D x H)	Ø130 mm x 112 mm (Ø5.12" x 4.41")
Dome Diameter	Ø96.4 mm (3.8")
Product Weight	0.86kg (1.90lb)
Package Weight	1.05kg (2.31lb)
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

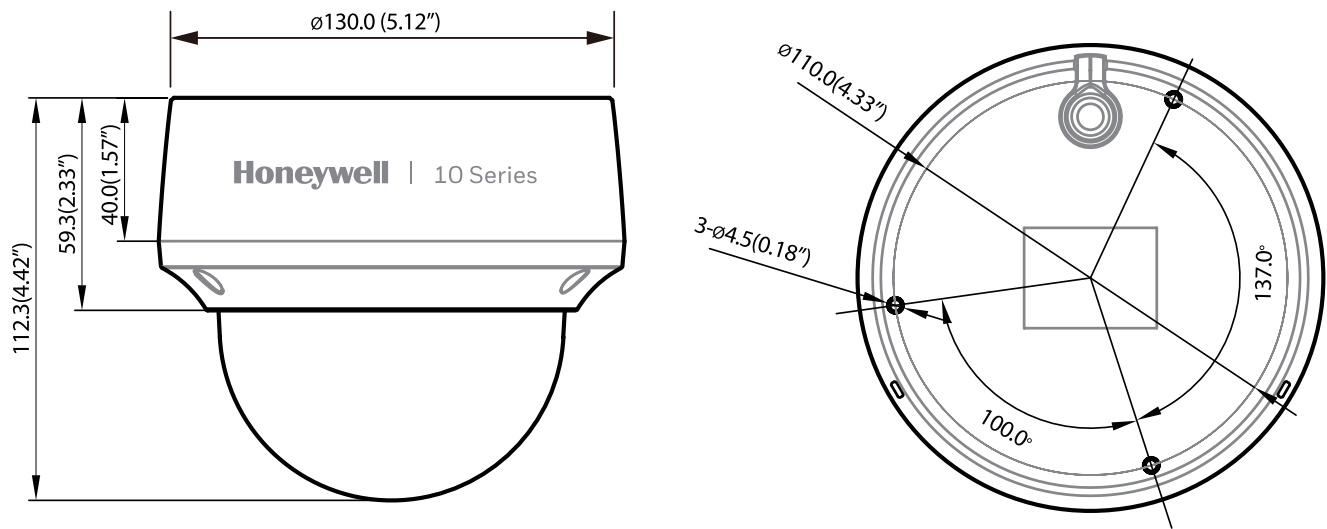
*For detailed information about frame rate and bit rate, please refer to the User Guide.

** 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 - 2MP IP WDR MFZ DOME CAMERA A

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
HA35PMC02	35S fixed camera cap, 1.5NPT male, white
HA35CLM01	35S ceiling mount base with adapter, white
HA35CLM02	35S ceiling mount extension, 252mm, white
HA354SC01	35S 4S box cover, white
HA35JCBHDV	35S MFZ dome junction box, white
HA35ICK	35S dome in-ceiling mount bracket, 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	
HC10W42R2I	10S 2MP Network IR Dome Camera, 120dB WDR, 2.7~13.5mm MFZ lens, POE, 12VDC, IP66, IK10, with Built-in Mic

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