

10 SERIES HC10W42R2I

2MP IP WDR MFZ Dome Camera



OPERATIONAL	
Video Standard	NTSC/PAL
Scanning System	Progressive
Image Sensor	1/2.7" Progressive Scan CMOS
Number Of Pixels(H x V)	1920 (H) X 1080 (V)
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	Auto/Manual, 1/5 ~ 1/20,000s
Day/Night	Auto (ICR) / Day / Night / Timing
Backlight Compensation	WDR, BLC, HLC
White Balance	Auto / Fixed Current / Manual
Gain Control	0-100%
Wide Dynamic Range	120 dB
Noise Reduction	2D/3D DNR
Defog	Supported
IR Distance	40M(131.2ft)
IR Light Control	Smart IR (Auto / Manual) / OFF
Lens	2.7-13.5 mm, DC Iris, F1.6, MFZ
Angle Of View (H x V x D)	H:104.8°~30.3°, V:56.3°~16°
Focus Control	Auto/Manual
Privacy Masking	Off / On (4 Areas)
OSD	Supported (Time and camera name OSD)
Alarm Inputs/Outputs	1 ch Input, 1 ch Output
Local Storage	Built-in Micro SD card slot (up to 256GB, SD card should be preinstalled)
Reset Button	Supported
Pan Range	0°~355°
Tilt Range	0°~75°
Rotation Range	0°~354°
VIDEO	
Video Compression	H.265 HEVC/H.264/MJPEG, Smart Codec
Resolution	1st: 1920 * 1080 / 1280 * 720 2nd: 704 * 576(PAL) / 704 * 480(NTSC) / 640 * 480 / 352 * 288(PAL) / 352 * 240(NTSC) 3rd: 1920 * 1080 / 640 * 480/352 * 288(PAL) / 352 * 240(NTSC) / 320 * 240
Number of Video Streams	3 (2 for encryption)
Frame Rate	Main/Second Stream: MAX 30 fps (MAX 15 fps for encryption under HTTPS) Third Stream: MAX 30 fps (Not available for encryption)
Bit Rate Control	VBR/CBR
Bit Rate	Stream1: 200kbps~12Mbps Stream2: 100kbps~6Mbps Stream3: 100kbps~3Mbps

AUDIO	
Audio Compression	G.711a/ G.711Mu
Audio Interface	Line In/Out, with built-in Microphone
Audio Stream	2-Way, Full duplex
NETWORK	
Ethernet	1 x RJ-45, 10/100 Mbps self-adaptive Ethernet port
Supported Web Browsers	Chrome, MicroSoft Edge
Supported OS	Microsoft Windows 10, Windows 11
Protocols*	Pv4, IPv6, TCP / IP, HTTP, HTTPS, UPnP, RTSP / RTP / RTCP, IGMP / Multicast, SMTP, DHCP, NTP, DNS, DDNS, QoS, SNMP, 802.1X, UDP, ICMP, ARP, TLS/SSL, FTP
Interoperability	ONVIF Profile G/S/T
Maximum Users Access	10 Users (Max 10 Live Stream Simultaneously)
Multicast	Support 8 RTSP unicast stream, support multicast
Security	User account and password protection, HTTPS, IP Filter, Digest authentication, TLS1.2 only, 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, Digital output
Region of Interest	8
ELECTRICAL	
Power Source	DC12 V, 1A; or PoE 44-57 V, MAX 6W
Power Consumption (Max)	MAX 6W
MECHANICAL	
Dimensions (D x D x H)	130 x 112 mm (5.12" x 4.41")
Dome Diameter	96.4 mm(3.8")
Product Weight	0.63kg (1.39lb)
Package Weight	0.82kg (1.81lb)
Body Material	Die-cast aluminum housing
Color	Honeywell White (RAL9003), Pantone Black

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ENVIRONMENTAL	
Operating Temperature	-30°C ~ 55°C (-22°F ~ 131°F)
Relative Humidity	Less than 90 % RH
Ingress Protection	IP66/IP67, IK10

REGULATORY	
Emissions	CE (EN 55032)
Immunity	CE (EN50130-4)
Safety	CE (EN 62368-1)
RoHS	CE (EN 63000), UAE
Country of Origin	China

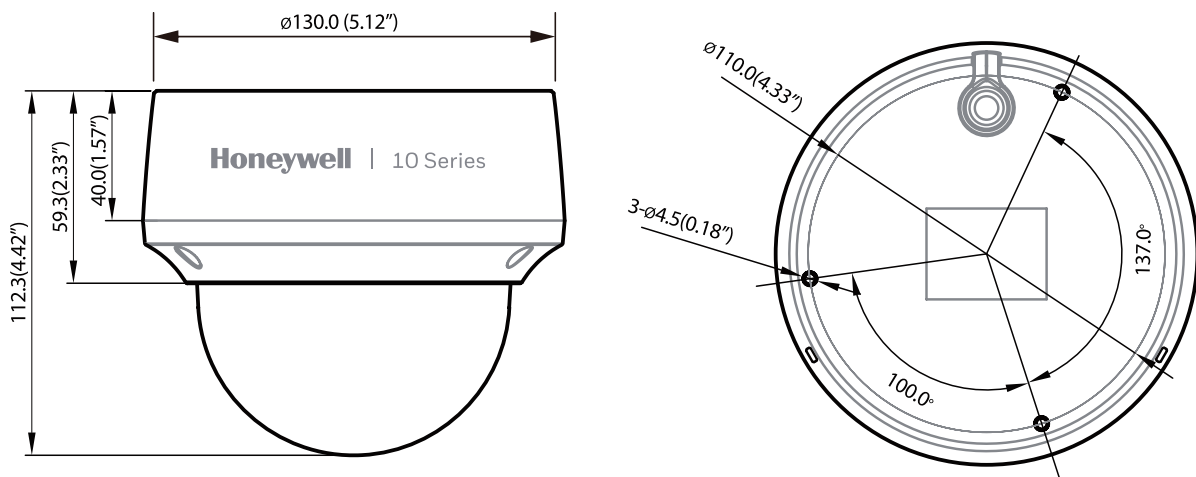
* Some development may be required in specific user cases to support some of these protocols in the field as they mature over time.

RECOMMENDED ACCESSORIES

SYSTEM INTEGRATION	
35 Series NVR	Integration with 35 Series NVR

ORDERING	
HC10W42R2I	2MP Network IR Dome Camera, 120dB WDR, 2.7~13.5mm MFZ lens, POE/12VDC, Audio/Alarm In/Out,Built-in Microphone,IP66/IP67,IK10

DIMENSIONS



For more information

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