

CMIP7C43WI-SDLQ

Platinum 4 MP Color 24/7 Motorized Vari-focal InstaDome
Network Camera



- Motorized Pan, Tilt, Rotate, Zoom for easy installation and monitoring
- Vivid imaging every hour via Color 24/7 technology
- IR, supplemental white light, & Smart Hybrid Light modes
- Clear imaging against strong back light due to 120 dB WDR technology
- Human and vehicle classification based on AI
- Clear two-way audio with dual-mic array
- Active strobe light and audio alarm to warn trespassers
- Water and dust resistant (IP66) and vandal resistant (IK10)
- Audio and alarm interface available

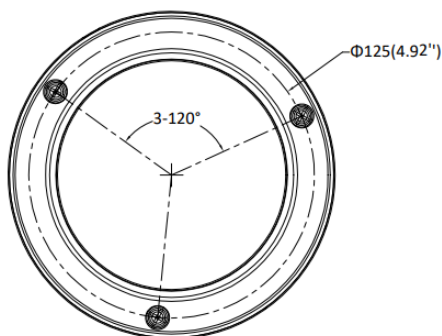
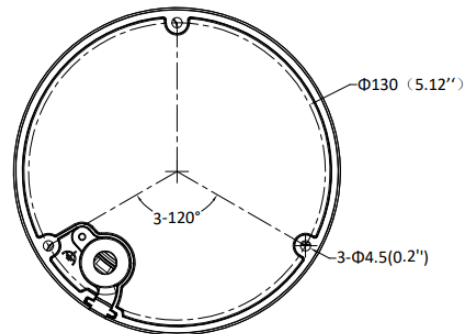
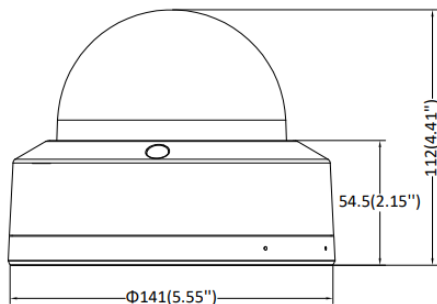
Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.0028 Lux @ f 1.2, AGC on; 0 Lux with supplemental visible light
Shutter Speed	1/3 to 1/100,000 sec.
Day & Night	IR cut filter
Angle Adjustment	Remote adjustment (Max. 1,000 cycles) Pan: 0° to 350°, tilt: 0° to 85°, rotate: 0° to 350°
Lens	
Lens Type	Motorized varifocal lens, 2.8 to 12 mm
Focal Length & FOV	2.8 to 12 mm, horizontal FOV 114.6° to 41.8°, vertical FOV 59.3° to 23.6°, diagonal FOV 141.3° to 48.1°
Lens Mount	Integrated
Iris Type	Fixed
Aperture	Up to 1.2
Depth of Field	1 m to ∞
Detect, Observe, Recognize, Identify	
Ranges (Approximate)	Wide: D: 200 ft (61.5 m), O: 80 ft (24.4 m), R: 40 ft (12.3 m), I: 20 ft (6.2 m) Tele: D: 495 ft (151.7 m), O: 195 ft (60.2 m), R: 100 ft (30.3 m), I: 50 ft (15.1 m)
Supplemental Lighting	
Type	IR, Visible (White)
Range	Up to 130 ft
Technology	Smart Hybrid
IR Wavelength	850 nm
Video	
Main Stream	30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream	10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
Video Compression	Main stream: H.265 / H.264 / H.264+ / H.265+ Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264 *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Audio Compression	G.711 / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw / G.711alaw) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 192 Kbps (MP2L2) / 8 to 320 Kbps (MP3) / 16 to 64 Kbps (AAC-LC)
Audio Sampling Rates (kHz)	8 / 16 / 32 / 44.1 / 48
Environmental Noise Filtering	Yes

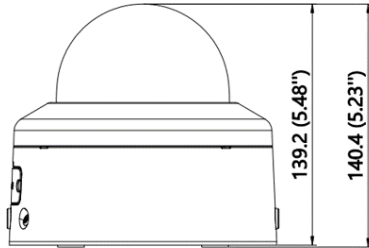
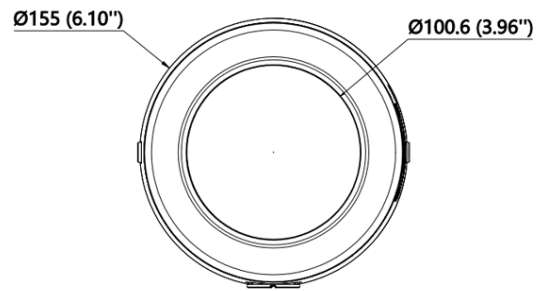
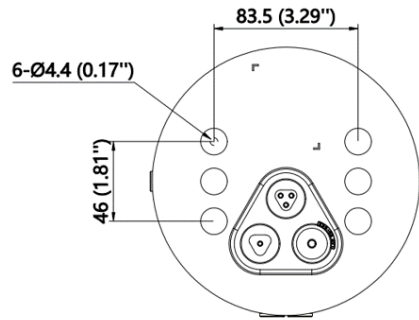
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile G, Profile T)
User / Host	Up to 32 users 3 User Levels: Administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1/1.2/1.3, host authentication (MAC address)
Network Storage	NAS (NFS, SMB / CIFS), Auto Network Replenishment (ANR)
Client	LTS Connect
Web Browsers	Plug-in required live view: IE 11, Plug-in free live view: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+, Local service: Chrome 80+, Firefox 80+, Edge 89+, Safari 13+
Imaging	
Image Parameters Switching	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day / Night Switching	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
SNR	≥ 52 dB
Wide Dynamic Range (WDR)	120 dB
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 x RJ45, 10/100 Mbps self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, supports MicroSD / SDHC / SDXC cards up to 512 GB
Built-in Microphone	Yes, 2 built-in microphones
Built-in Speaker	1 built-in speaker Max. power consumption: 2 W; max. sound pressure level: 10 cm: 97 dB
Audio	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 kΩ, interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input, 1 output (max. 24 V DC / 24 V AC, 1 A)
Reset Key	Yes
Event Types	
Basic	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Smart	scene change detection
Linkage	Upload to FTP / NAS / memory card, notify surveillance center, trigger recording, trigger capture, send email, audible warning, trigger alarm output, white light flashing

Deep Learning Functions	
Face Capture	Yes
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support for alarm triggering by specified target types (human and vehicle)
General	
Power	12 VDC $\pm$ 25%, 1.35 A, max. 16 W, reverse polarity protection, two-core terminal block, PoE: IEEE 802.3at, Class 4, max. 18 W
Materials	Metal
Dimensions	$\varnothing$ 6.10" $\times$ 5.23" ($\varnothing$ 155 $\times$ 140.4 mm)
Package Dimensions	8.1 $\times$ 8.1 $\times$ 9.1" (206 $\times$ 206 $\times$ 230 mm)
Weight	Approx. 1.8 lb. (820 g)
Packaged Weight	Approx. 2.6 lb. (1,200 g)
Storage Conditions	-22° to 140° F (-30° to 60° C). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-22° to 140° F (-30° to 60° C). Humidity 95% or less (non-condensing)
General Functions	Heartbeat, mirror, password reset via email, pixel counter, anti-banding, flash log
Strobe	White Flashing Light

Dimensions



Unit:mm(inch)



Unit: mm (inch)

Accessories

DS-1473ZJ-155 Wall mount	DS-1471ZJ-155 Pendant Mount	DS-1475ZJ-SUS Vertical pole mount	DS-1476ZJ-SUS Corner mount	DS-1250ZJ Water-proof cover
				