

CMIP7C82WI-28MDA

Platinum 8 MP Color 24/7 Fixed Lens Dome IP Camera with Hybrid Illumination



- High quality imaging with 8 MP resolution
- Hybrid Illumination: Advanced technology with long range
- Clear imaging against strong back light with 130 dB WDR
- High efficiency H.265+ compression technology
- Human and vehicle classification
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67) and vandal resistant (IK10)

Specifications

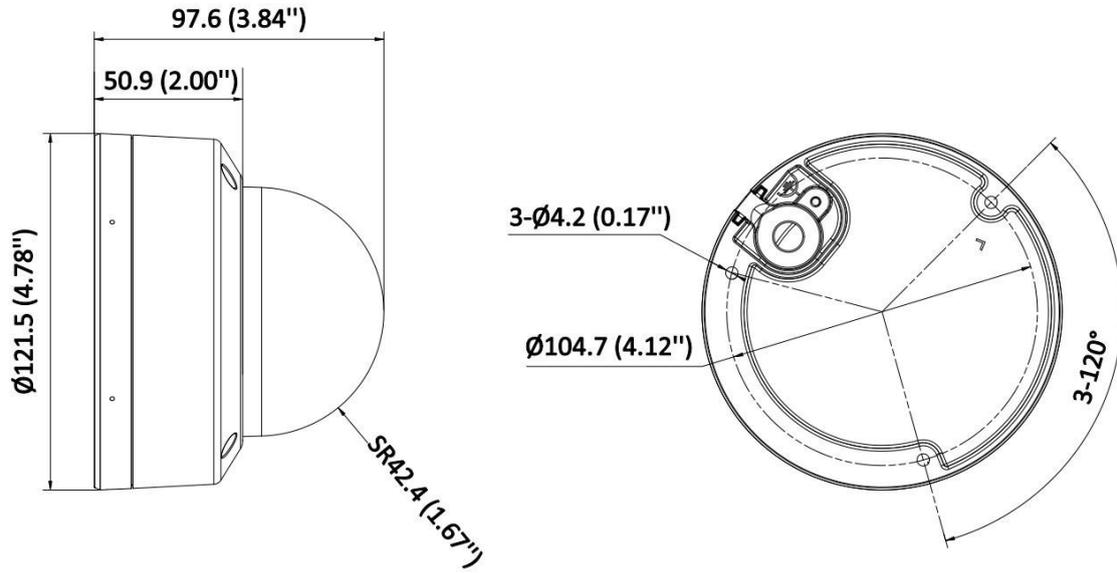
Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Min. Illumination	Color: 0.0008 Lux @ f 1.0, AGC on, 0 Lux with light
Shutter Speed	1/3 to 1/100,000 sec.
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	Fixed focal lens, 2.8 mm
Focal Length & FOV	2.8 mm; horizontal: 105.1°; vertical: 54.8°; diagonal: 128.2°
Lens Mount	M16
Iris Type	Fixed
Aperture	f 1.0
Depth of Field	3.3 m to ∞
Detect, Observe, Recognize, Identify	
DORI	D: 89 m, O: 35 m, R: 17 m, I: 8 m
Illuminator	
Supplemental Light Types	IR, White
Supplemental Light Range	Up to 95 ft (30 m)
Smart Supplemental Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	24 fps (3840 × 2160) 30 fps (3200 × 1800, 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.264 / H.264+ / H.265 / H.265+ Sub-stream: H.264 / H.265 / MJPEG Third stream: H.264 / H.265 *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 16 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 Type	Mono sound
Audio Compressions	G.711 / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC-LC
Audio Bit Rates	64 Kbps (G.711 ulaw / G.711 alaw) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 16 Kbps to 64 Kbps (AAC-LC) / 32 to 192 Kbps (MP2L2) / 8 to 320 Kbps (MP3)
Audio Sampling Rate	8 / 16 / 32 / 44.1 / 48 kHz
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	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
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), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	NVMS V3, LTS Connect, XVMS
Web Browsers	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day / Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
SNR	≥ 52 dB
Wide Dynamic Range (WDR)	130 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
Audio Channels	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 Channels	1 input, 1 output (max. 12 V DC, 30 mA)
Reset Key	Yes
Event Types	
Basic Events	Motion detection (supports alarms triggering by specified target types -- human and vehicle), video tampering alarm, exceptions / anomalies
Linkage	Upload to FTP / NAS / memory card, notify surveillance center, trigger recording, trigger capture, send email
Smart Events	Scene change detection

Deep Learning Functions	
Face Capture	Yes
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Supports alarm triggered by specified target types (humans and vehicles)
General	
Power	12 V DC \pm 25%, 0.66 A, max. 8 W, \varnothing 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3 af, Class 3, max. 9.5 W
Material	Base: aluminum alloy, cover: aluminum alloy
Dimensions	\varnothing 4.78 x 3.84" (\varnothing 121.5 x 97.6 mm)
Package Dimensions	9.2 x 4.7 x 4.6" (234 x 120 x 117 mm)
Weight	Approx. 1.2 lb (525 g)
Packaged Weight	Approx. 1.7 lb (750 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
Certifications	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014, IC: ICES-003: Issue 7, KC: KN32: 2015, KN35: 2015, RCM: AS/NZS CISPR 32: 2015
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environmental	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protections	IP67: IEC 60529-2013, IK10: IEC 62262:2002



Dimensions



Unit: mm (inch)

Accessories

LTB347H Junction Box	LTB742-120 Wall Mount	LTB731 Pendant Mount	LTB378 Vertical Pole Mount	LTB379 Corner Mount
				

