

CMIP7C82W-28MDA

Platinum 8 MP Color 24/7 Fixed Dome Network Camera



LTS Color 24/7 technology provides vivid images 24/7 with its advanced lenses and high-performance sensors. Its F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 8 MP resolution
- Efficient H.265+ compression technology
- Colorful imaging 24/7
- Clear imaging against strong back light thanks to 130 dB WDR technology
- Focus on human and vehicle target classification based on deep learning technology
- Built-in microphone provides real-time audio security
- Water and dust resistant (IP67) and vandal resistant (IK10)

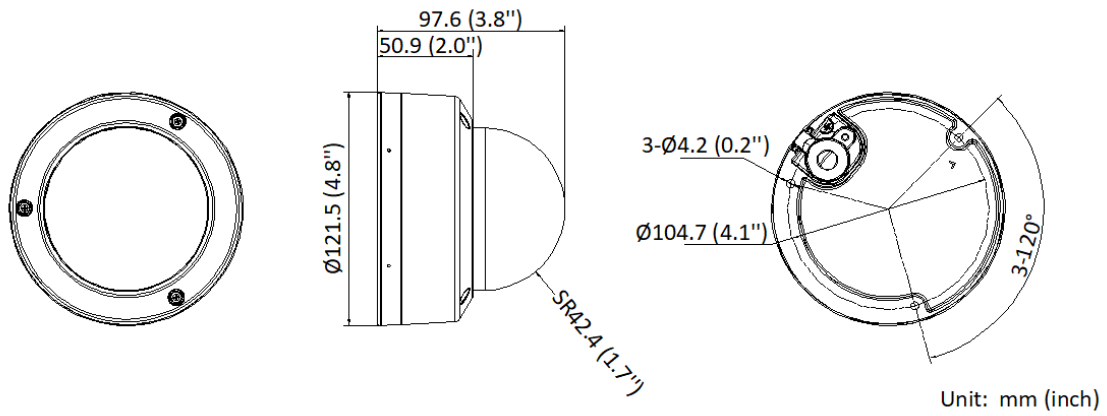
Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Min. Illumination	Color: 0.0008 Lux @ (F1.0, AGC on), 0 Lux with supplemental light
Shutter Time	1/3 sec. to 1/100,000 sec.
Day & Night	24/7 color imaging
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Field of View	Horizontal 109°, vertical 59°, diagonal 130°
Lens Mount	M16
Iris Type	Fixed
Aperture	F1.0
Depth of Field	3.1 m to ∞
DORI	
DORI	D: 84 m, O: 33 m, R: 16 m, I: 8 m
Illuminator	
Supplemental Light Type	White Light
Supplemental Light Range	Up to 30 m
Smart Supplemental Lighting	Yes
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)
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
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(s) for main stream and sub-stream
Audio	
Audio Type	Mono
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) / 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, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets

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 1.2, TLS 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	LTS connect, NVMS, X-VMS
Web Browser	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
Wide Dynamic Range (WDR)	130 dB
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	4 regions of privacy mask
Interface	
Ethernet Interface	1 x RJ45 10 M/100 M 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	1 input(s) (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output(s) (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input(s), 1 output(s) (max. 12 VDC, 30 mA)
Reset Key	Yes
Event Types	
Basic Events	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, anomalies
Smart Events	Line crossing, intrusion, region entrance, region exiting (support alarm triggered by specified target types (human and vehicle)), and scene change detections
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning (-SU), trigger alarm output (-SU), supplement light
Other VCA Function	
Face Capture	Yes

General	
Power	12 VDC $\pm$ 25%, 0.6 A, max. 7 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection PoE: IEEE 802.3af, Class 3, max. 8.5 W
Material	Metal
Camera Dimensions	$\varnothing$ 4.8" $\times$ 3.8"
Package Dimensions	5.9 $\times$ 5.9 $\times$ 5.6 in.
Weight	Approx. 1.2 lbs
Package Weight	Approx. 1.6 lbs
Storage Conditions	-22° to 140° F. Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-22° to 140° F. Humidity 95% or less (non-condensing)
General Function	Heartbeat, anti-banding, mirror, flash log, password reset via email, pixel counter, password protection, one-key reset, three streams
Approval	
EMC	FCC: 47 CFR Part 15, Subpart B CE-EMC: EN 55032: 2015; EN 61000-3-2:2019; EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011 +A1: 2014 RCM: AS / NZS CISPR 32: 2015 IC: ICES-003: Issue 7
Safety	UL: UL 62368-1 CB: IEC 62368-1: 2014+A11 CE-LVD: EN 62368-1: 2014 / A11: 2017
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



Accessories

LTB742-120 Wall Mount	LTB731 Pendant Mount	LTB742-120B Wall Mount
		