

CMIP3C82W-28MDAL

8 MP Color24/7 Strobe Light and Audible Warning Fixed Turret Network Camera



LTS Color 24/7 Technology provides vivid, colorful imaging with advanced lenses and high performance sensors. The F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology vastly improves the utilization of available light.

- High quality imaging with 8 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight thanks to 130 dB WDR technology
- Focus on human and vehicle target classification based on deep learning
- Colorful imaging 24/7
- Active strobe light and audio alarm to ward off intruders
- Provides real-time security via built-in two-way audio
- Audio and alarm interface available
- Water and dust resistance (IP67)

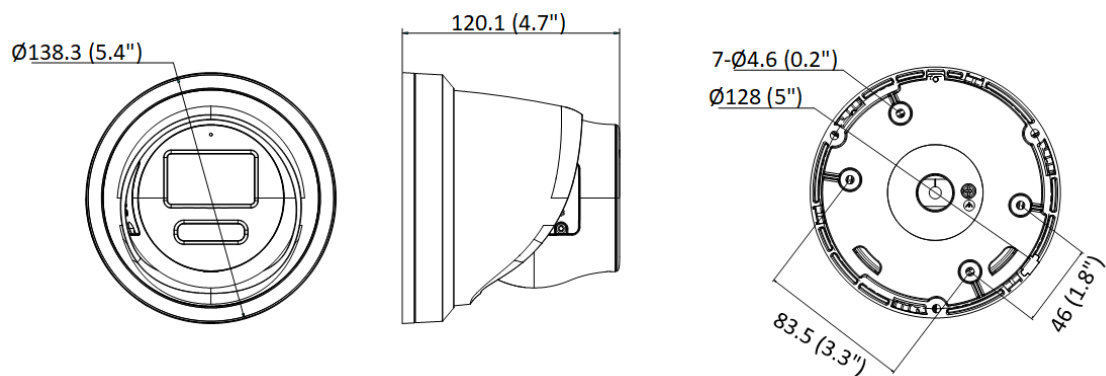
Specifications

Camera	
Image Sensor	1/1.2" Progressive Scan CMOS
Max. Resolution	3840 × 2160
Shutter Speed	1/3 sec. to 1/100,000 sec.
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
Day & Night	24/7 Color imaging
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm options
FOV	Horizontal 102°, vertical 52°, diagonal 124°
Lens Mount	M mount
Iris Type	Fixed
Aperture	F1.0
Depth of Field	4 m to ∞
Detection, Observation, Recognition, Identification	
DORI	D: 315 ft (96 m), O: 125 ft (38 m), R: 62 ft (19 m), I: 30 ft (9 m)
Illuminator	
Supplemental Light Type	Visible; 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.265+ / H.265 / H.264+ / H.264 Sub-stream: H.265 / H.264 / MJPEG Third stream: H.265 / H.264
Video Bit Rates	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	
Environmental Noise Filtering	Yes
Audio Sampling Rates (kHz)	8 / 16 / 32 / 44.1 / 48
Audio Compression	G.711 ulaw / 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)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP

Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets
User / Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
Network Storage	NAS (NFS, SMB / CIFS), auto network replenishment (ANR)
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	
Wide Dynamic Range (WDR)	130 dB
SNR	≥ 52 dB
Privacy Mask	8 programmable polygon privacy masks, mask color or mosaic configurable
Day / Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
Ethernet Interface	1 RJ45 10/100 Mbps self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, supports MicroSD / SDHC / SDXC / TF cards, up to 512 GB
Built-in Microphone	Yes
Built-in Speaker	1.5 W, 10 cm: 95 dB
Audio	1 input (line in), max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium 1 output (line out), max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input, 1 output (max. 24 VDC, 1 A)
Reset Key	Yes
Event Types	
Basic Events	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exceptions / anomalies (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Events	Line crossing, intrusion, region entrance, region exiting (supports alarm triggering by specified target types (human and vehicle)), and scene change detections
Linkage	Upload to NAS / memory card / FTP, notify surveillance center, trigger record, trigger capture, send email
Other VCA Functions	
Face Capture	Yes

General	
Power	12 VDC $\pm$ 25%, 0.63 A, max. 8.5 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection PoE: 802.3af, Class 3, 36 V to 57 V, 0.24 A to 0.15 A
Materials	Cover: metal, main body: metal
Dimensions	$\varnothing$ 5.4 $\times$ 4.7 in.
Package Dimensions	6.7 $\times$ 6.7 $\times$ 5.9 in.
Weight	Approx. 2.0 lbs
Package Weight	Approx. 2.6 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	Anti-flicker, heartbeat, mirror, password reset via e-mail, pixel counter
Certifications	
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 KC: KN32: 2015, KN35: 2015
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

Dimensions



Unit: mm (inch)

Accessories

LTB701 Junction Box	LTB341 Pendant Mount	LTB379 Corner Mount	LTB342-140 Wall Mount	LTB378 Vertical Pole Mount
				