

CMIP3C82WI-28MDA

8 MP Hybrid Illumination Turret Network Camera



- High quality imaging with 8 MP resolution
- Smart Hybrid Light: Advanced technology with extended range
- Clear imaging against strong back lighting due to 130 dB WDR technology
- High efficiency H.265+ compression technology
- MD 2.0: Focus on human and vehicle classification based on deep learning
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)

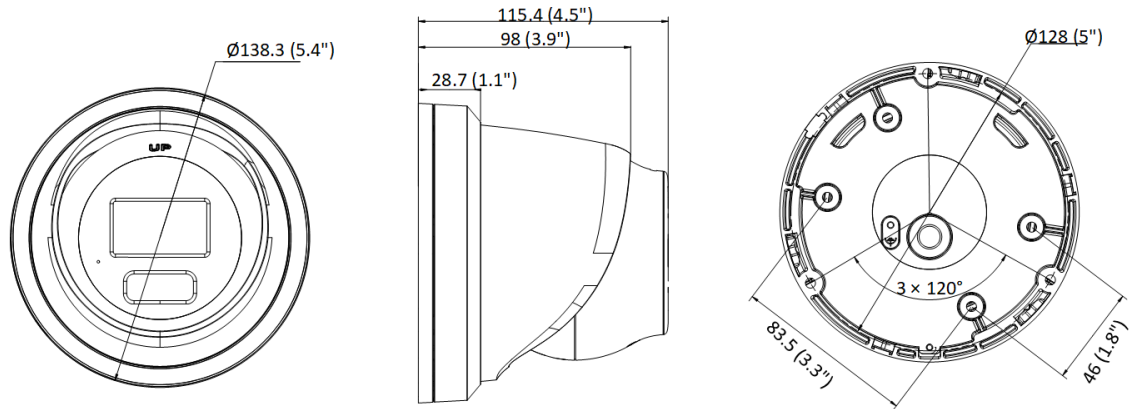
Specifications

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 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens
Focal Length & FOV	2.8 mm; Horizontal 108.8°, vertical 56.4°, diagonal 134.3°
Lens Mount	M16
Iris Type	Fixed
Aperture	f 1.0
Depth of Field	3.3 m to ∞
Detection, Observation, Recognition, Identification	
DORI Ranges (Approx.)	D: 290 ft (89 m), O: 115 ft (35 m), R: 55 ft (17 m), I: 25 ft (8 m)
Supplemental Lighting	
Type	IR, White Light
Range	Up to 40 m
Technology	Smart
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 Compression	G.711 / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC-LC
Audio Bit Rate	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 Rates (kHz)	8 / 16 / 32 / 44.1 / 48
Environment 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)
Clients	LTS connect, NVMS, X-VMS
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 Switching	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-adapting Ethernet port
On-Board Storage	Built-in memory card slot supports MicroSD / SDHC / SDXC cards up to 512 GB
Built-in Microphone	Yes
Reset Key	Yes
Event Types	
Basic	Motion detection (supports alarm triggering by specified target types (human and vehicle)), video tampering alarm, exceptions / anomalies
Linkage	Upload to FTP / NAS / memory card, notify surveillance center, triggered recording, triggered capture, send email
Smart	Line crossing, intrusion, & region entrance / exiting detections (support alarm triggered by specified target types (human and vehicle)); scene change detection
VCA Functions	
Face Capture	Yes

Perimeter Protection	Line crossing, intrusion, region entrance / exitings Supports alarm triggering by specified target types (humans and vehicles)
General	
Power	12 V DC $\pm$ 25%, 0.54 A, max. 6.5 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 8 W
Materials	Cover: Metal; body: Metal
Dimensions	Ø 5.4 × 4.5"
Shipping Dimensions	6.7 × 6.7 × 6.3"
Weight	Approx. 1.7 lb.
Shipping Weight	Approx. 2.3 lb.
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 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 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 BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environmental	CE-RoHS: 2011/65/EU
Protections	IP67: IEC 60529-2013

Dimensions



Unit: mm (inch)

Accessories

LTB701 Junction Box	LTB342-140(B) Wall Mount	LTB341 Pendant Mount	LTB388 Pole Mount	LTB379 Corner Mount
				