

CMIP8C42W-28MDA

Platinum 4 MP Full Color Fixed Bullet Network Camera



The LTS 4 MP Full Color Fixed Bullet Camera provides colorful images 24/7 with 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 4 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong backlight thanks to 130 dB WDR technology
- Built-in microphone for real-time audio security
- Focus on human and vehicle target classification based on deep learning technology
- Colorful imaging 24/7
- Water and dust resistant (IP67)

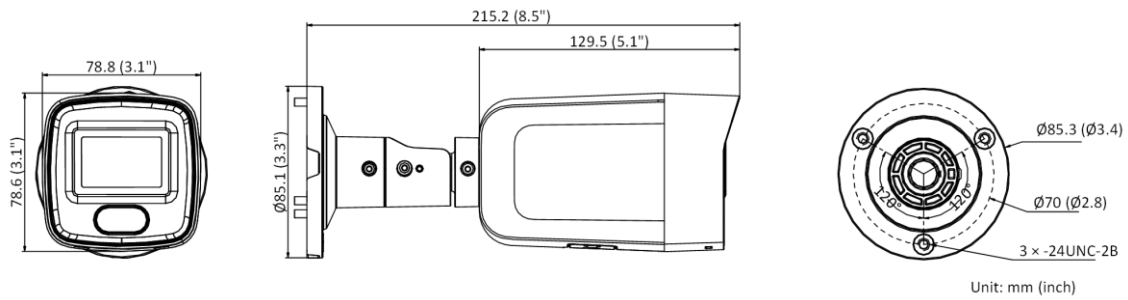
Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), B/W: 0 Lux with white light
Shutter Speed	1/3 sec. to 1/100,000 sec.
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	130 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 mm optional
Iris Type	Fixed
Lens Type & FOV	2.8 mm, horizontal 112°, vertical 61°, diagonal 134°
Depth of Focus	2.8 mm, 2.5 m to ∞
Aperture	F1.0
Lens Mount	M16
DORI	
DORI	2.8 mm, D: 58 m, O: 23 m, R: 11 m, I: 2 m
Illuminator	
Supplemental Light Type	White Light
Supplemental Light Range	131 ft (40 m)
Smart Supplemental Lighting	Yes
Video	
Max. Resolution	2688 × 1520
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 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.265+ / H.264+ 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
H.264+	Main stream supports
H.265+	Main stream supports
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 Compressions	G.711 ulaw / G.711 alaw / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC
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)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
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, ARP
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	MicroSD / SDHC / SDXC cards (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
SNR	≥ 52 dB
Day/Night Switch	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	
Built-in Microphone	Yes
On-board Storage	Built-in MicroSD / SDHC / SDXC slot, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 x RJ45 10/100 Mbps self-adaptive Ethernet port
Event Types	
Basic Events	Motion detection (human and vehicle targets classification), video tampering alarm, anomalies
Smart Events	Scene change detection
Deep Learning Function	
Face Capture	Yes
Perimeter Protection	Line crossing, intrusion, region entrance, and region exiting detections
General	
Linkage Method	Upload to NAS / memory card / FTP, notify surveillance center, trigger recording, trigger capture, send email

Web Client Languages (33)	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel counter
Software Reset	Yes
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)
Power Supply	12 VDC $\pm$ 25% PoE: 802.3 af, Class 3
Power Consumption and Current	12 VDC, 0.5 A, max. 6 W PoE (802.3 af, 36 V to 57 V), 0.25 A to 0.15 A, max. 7.5 W
Power Interface	Ø 5.5 mm coaxial power plug
Camera Dimensions	8.5 × 3.1 × 3.1 in. (215.2 × 78.8 × 78.6 mm)
Package Dimensions	12.4 × 5.4 × 5.6 in. (315 × 137 × 141 mm)
Camera Weight	Approx. 1.5 lbs (695 g)
Package Weight	Approx. 2.4 lbs (1,090 g)
Certifications	
EMC	FCC SDoC (47 CFR Part 15, Subpart B) CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014) RCM (AS/NZS CISPR 32: 2015) IC VoC (ICES-003: Issue 6, 2016) KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013, IEC 62368-1: 2014); CE-LVD (EN 60950-1: 2005 + Am 1: 2009 + Am 2: 2013, IEC 62368-1: 2014); LOA (IEC/EN 60950-1)
Environmental	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protections	IP67 (IEC 60529-2013)

Dimensions



Accessories (Optional)

LTB378 Vertical Pole Mount	LTB801-A Junction Box	LTB379 Corner Mount
		
