

## CMIP9C42NW-28MD / CMIP9C42NW-MD

### Platinum 4 MP Color 24/7 Fixed Bullet Network Camera



This bullet camera features vivid color imaging 24/7 with advanced lenses and high performance sensors. The 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 with 130 dB WDR technology
- Focus on human and vehicle targets based on deep learning
- Color imaging 24/7
- Water and dust resistance (IP67)

## Specifications

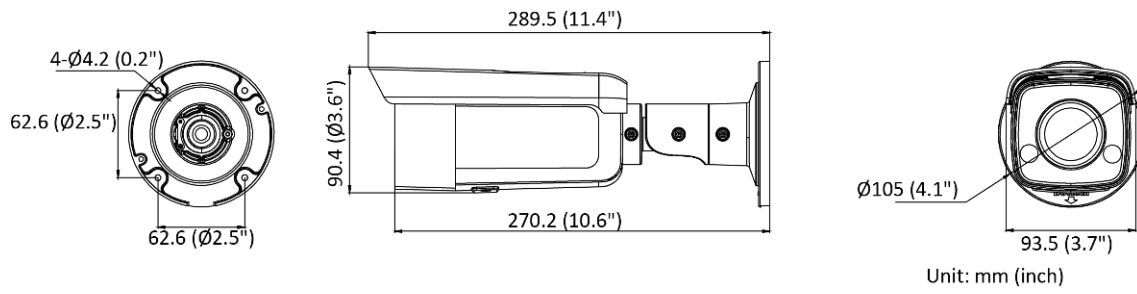
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.0005 Lux @ (f1.0, AGC on), 0 Lux with white light
Shutter Speed	1/3 to 1/100,000 sec.
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	130 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8, 4 optional
Iris Type	Fixed
Lens Type & Field of View	2.8 mm, horizontal 102°, vertical 54°, diagonal 121° 4 mm horizontal 80°, vertical 43°, diagonal 95°
Depth of Focus	2.8 mm, 2.5 m to ∞ 4 mm, 3.5 m to ∞
Aperture	f1.0
Lens Mount	M12
Detection, Observation, Recognition, Identification	
DORI	2.8 mm, D: 58 m, O: 23 m, R: 11 m, I: 2 m 4 mm, D: 77 m, O: 30 m, R: 15 m, I: 7 m
Illuminator	
Supplemental Light Type	White Light
White Light Range	131 ft (40 m)
Smart Supplemental Light	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.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 8 Mbps
H.264 Type	Baseline Profile / Main Profile / High Profile
H.265 Type	Main Profile
H.264+	Main stream
H.265+	Main stream
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
<b>Network</b>	
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 card storage (256 GB) local storage, and NAS (NFS, SMB/ CIFS), auto network replenishment (ANR)
Web Browsers	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+
<b>Imaging</b>	
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
<b>Interface</b>	
On-Board Storage	Built-in MicroSD / SDHC / SDXC storage up to 256 GB
Reset Key	Yes
Ethernet Interface	1 x RJ45 10/100 Mbps self-adaptive Ethernet port
<b>Event Types</b>	
Basic Events	Motion detection (human and vehicle targets classification), video tampering alarm, exceptions / anomalies
Smart Events	Scene change detection
<b>Deep Learning Functions</b>	
Face Capture	Yes
Perimeter Protection	Line crossing, intrusion, region entrance / exiting detections
<b>General</b>	
Linkage Method	Upload to NAS / memory card / FTP, notify surveillance center, trigger recording, trigger capture, send email
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 Functions	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: 802.3af
Power Consumption and Current	12 VDC, 0.7 A, max. 8.5 W PoE (802.3af, 36 V to 57 V), 0.30 A to 0.18 A, max. 10.5 W
Power Interface	Ø 5.5 mm coaxial power plug
Material	Front cover: metal, back cover: metal
Screw Material	SUS304
Dimension	Ø 4.1 × 11.4" (Ø 105 × 289.5 mm)
Package Dimension	15.2 × 7.5 × 7.1" (385 × 190 × 180 mm)
Weight	Approx. 2.4 lb (1,170 g)
With Package Weight	Approx. 3.5 lb (1,689 g)
<b>Certifications</b>	
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);
Safety	CE-LVD (EN 60950-1: 2005 + Am 1: 2009 + Am 2: 2013, IEC 62368-1: 2014);
Protections	IP67 (IEC 60529-2013)



## Dimensions



## Accessories (Optional)

LTB801-A Junction Box	LTB801 Junction Box
