

CMIP3C42WI-28SDL

Platinum Plus 4 MP Color 24/7 Turret IP Camera with Hybrid Illumination



- High quality imaging with 4 MP resolution
- Smart Hybrid Light: Advanced technology with extended range
- Clear imaging against strong back light due to 130 dB WDR technology
- High efficiency H.265+ compression technology
- Focus on human and vehicle classification based on deep learning
- Provides real-time security via built-in two-way audio
- Active strobe light and audio alarm to ward off intruders
- Supports on-board storage up to 512 GB (SD card slot)
- Audio and alarm interface available
- Water and dust resistant (IP67)

Specifications

Camera

Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.001 Lux @ f 1.0, AGC on 0 Lux with light
Shutter Speed	1/12 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: 100.2°, vertical: 54.7°, diagonal: 119.7°
Lens Mount	M12
Iris Type	Fixed
Aperture	f 1.0
Depth of Field	1.9 m to ∞

Detect, Observe, Recognize, Identify

Ranges (Approx.)	D: 205 ft (63 m), O: 80 ft (25 m), R: 40 ft (12 m), I: 20 ft (6 m)
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Supplemental Lighting

Type	IR, White Light
Range	Up to 100 ft
Technology	Smart
IR Wavelength	850 nm

Video

Mainstream	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 (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 30 fps (1280 × 720, 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) *The third stream is supported under certain settings.
Video Compression	Mainstream: 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	256 Kbps to 8 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 mainstream and sub-stream

Audio

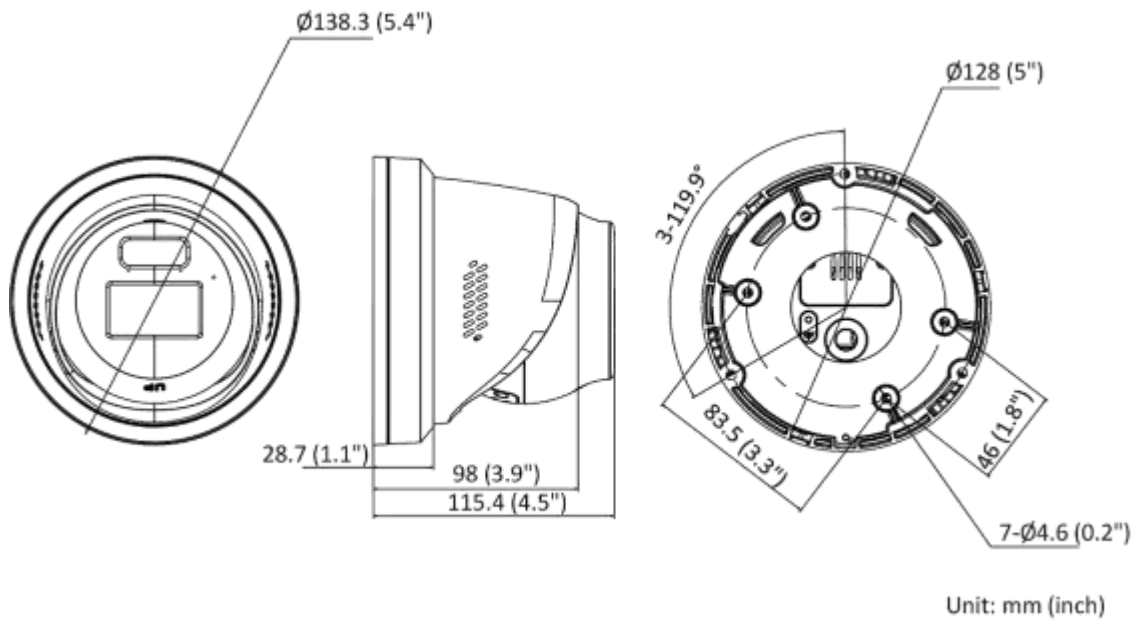
Audio Compression	G.711 / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC-LC
Audio Type	Mono

Audio Bit Rate	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, RTCP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL / TLS, PPPoE, SNMP, WebSocket, WebSockets, SRTP, SFTP
Simultaneous Live View Channels	Up to 6
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)
Client	NVMS V3, X-VMS, LTS Connect
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
Image Enhancement	BLC, HLC, 3D DNR, Defog
SNR	≥ 52 dB
Wide Dynamic Range (WDR)	130 dB
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M / 100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, supports microSD / microSDHC / microSDXC card, up to 512 GB
Built-in Microphones	1
Built-in Speakers	1; Max. power consumption: 1.2 W, max. sound pressure level: 10 cm: 95 dB.
Audio	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input, 1 output (max. 24 V DC / 24 V AC, 1 A)
Reset Key	Yes

Event Types	
Basic	Motion detection (supports alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Smart	Scene-change detection
Linkage	Upload to FTP / NAS / memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, audible warning, flashing light
Deep Learning Functions	
Face Capture	Yes
Perimeter Protections	Line crossing, intrusion, region entrance, region exiting Supports alarm triggering by specified target types (human and vehicle)
General	
Power	12 V DC $\pm$ 25%, 0.75 A, max. 9 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 10.5 W
Materials	Cover: metal, main body: metal
Dimensions	$\varnothing$ 5.4 $\times$ 4.5" ($\varnothing$ 138.3 $\times$ 115.4 mm)
Shipping Dimensions	6.7 $\times$ 6.7 $\times$ 6.3" (170 $\times$ 170 $\times$ 160 mm)
Weight	Approx. 1.8 lb. (820 g)
Shipping Weight	Approx. 2.9 lb. (1,316 g)
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)
General Function	Heartbeat, mirror, flash log, password reset via email, pixel counter, anti-banding
flashing light	Red and Blue Light
Certifications	
Protection Ratings	IP67: IEC 60529-2013



Dimensions



Accessories

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