

## CMIP3C42WI-28SDL

### Platinum 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

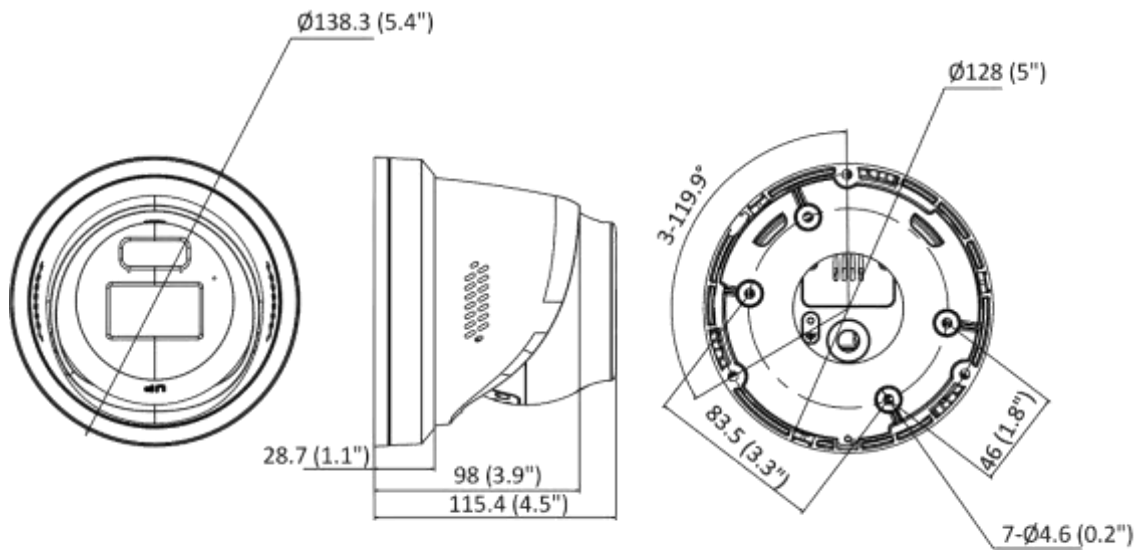
<b>Camera</b>	
Image Sensor	1/3" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.001 Lux @ f 1.0, AGC on 0 Lux with light
Shutter Speed	1/12 to 1/100,000 sec.
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
<b>Lens</b>	
Lens 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 ∞
<b>Detect, Observe, Recognize, Identify</b>	
Ranges (Approx.)	D: 205 ft (63 m), O: 80 ft (25 m), R: 40 ft (12 m), I: 20 ft (6 m)
<b>Supplemental Lighting</b>	
Type	IR, White Light
Range	Up to 100 ft
Technology	Smart
IR Wavelength	850 nm
<b>Video</b>	
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
<b>Audio</b>	
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
<b>Network</b>	
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, <b>ISUP</b>
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+
<b>Image</b>	
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
<b>Interface</b>	
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

<b>Event Types</b>	
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
<b>Deep Learning Functions</b>	
Face Capture	Yes
Perimeter Protections	Line crossing, intrusion, region entrance, region exiting Supports alarm triggering by specified target types (human and vehicle)
<b>General</b>	
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
<b>Certifications</b>	
Protection Ratings	IP67: IEC 60529-2013



## Dimensions



Unit: mm (inch)

## Accessories

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