

## CMIP7C82WI-28MDA

Platinum 8 MP Color 24/7 Fixed Lens Dome IP Camera with Hybrid Illumination



- High quality imaging with 8 MP resolution
- Hybrid Illumination: Advanced technology with long range
- Clear imaging against strong back light with 130 dB WDR
- High efficiency H.265+ compression technology
- Human and vehicle classification
- Built-in microphone for real-time audio security
- Water and dust resistance (IP67)

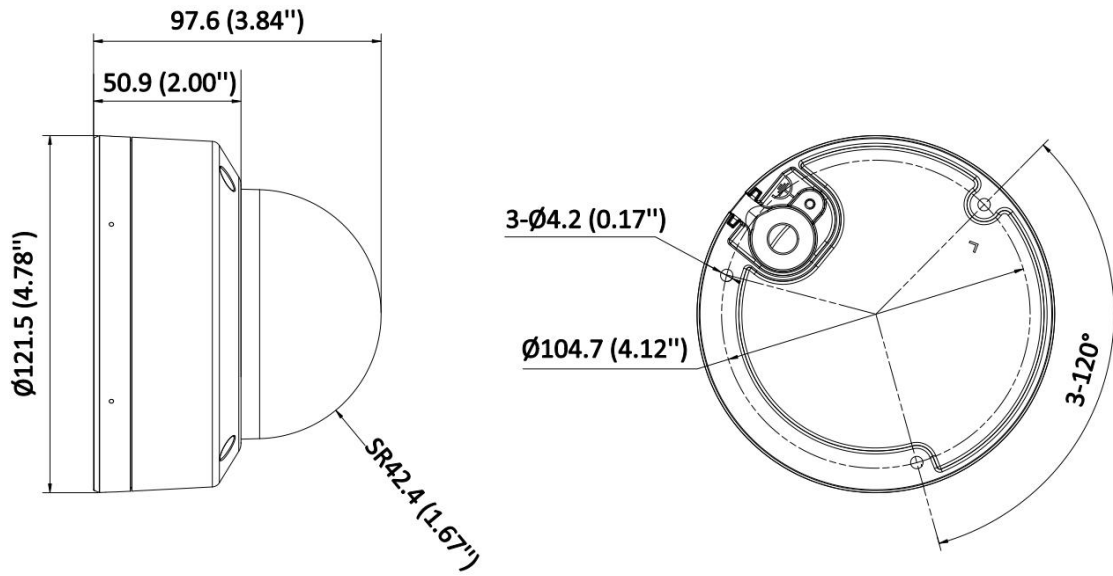
## Specifications

| Camera                               |  |
|--------------------------------------|--|
| Image Sensor                         | 1/1.8" Progressive Scan CMOS   |
| Max. Resolution                      | 3840 × 2160  |
| Min. Illumination                    | Color: 0.0005 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 355°, tilt: 0° to 75°, rotate: 0° to 355°   |
| Lens                                 |  |
| Lens Type                            | Fixed focal lens, 2.8 mm   |
| Focal Length & FOV                   | 2.8 mm; horizontal FOV: 105.1°; vertical FOV: 54.8°; diagonal FOV: 128.2°  |
| Lens Mount                           | M16  |
| Iris Type                            | Fixed  |
| Aperture                             | f 1.0  |
| Depth of Field                       | 3.3 m to ∞   |
| Detect, Observe, Recognize, Identify |  |
| DORI                                 | D: 89 m, O: 35 m, R: 17 m, I: 8 m  |
| Illuminator                          |  |
| Supplemental Light Types             | IR, White  |
| Supplemental Light Range             | Up to 95 ft (30 m)   |
| Smart Supplemental Light             | Yes  |
| IR Wavelength                        | 850 nm   |
| Video                                |  |
| Main Stream                          | 24 fps (3840 × 2160)<br>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)<br>*Third stream is supported under certain settings.   |
| Video Compression                    | Main stream: H.264 / H.264+ / H.265 / H.265+<br>Sub-stream: H.264 / H.265 / MJPEG<br>Third stream: H.264 / H.265<br>*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 Type                           | Mono sound   |
| Audio Compressions                   | G.711 / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC-LC   |
| Audio Bit Rates                      | 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 Rate                  | 8 / 16 / 32 / 44.1 / 48 kHz  |
| 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   | Up to 6 channels  |
| API                      | Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP  |
| User / Host              | Up to 32 users<br>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), Together with high-end Hikvision memory card, memory card encryption and health detection are supported.   |
| Client                   | NVMS V3, LTS Connect, XVMS  |
| Web Browsers             | Plug-in required live view: IE 10, IE 11,<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+,<br>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  |
| SNR                      | ≥ 52 dB   |
| Wide Dynamic Range (WDR) | 130 dB  |
| Privacy Mask             | 4 programmable polygon privacy masks  |
| <b>Interface</b>         |   |
| Ethernet Interface       | 1 x RJ45 10/100 Mbps self-adaptive Ethernet port  |
| On-Board Storage         | Built-in memory card slot supports MicroSD / SDHC / SDXC cards up to 512 GB   |
| Built-in Microphone      | Yes   |
| Audio Channels           | 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 Channels           | 1 input, 1 output (max. 12 V DC, 30 mA)   |
| Reset Key                | Yes   |
| <b>Event Types</b>       |   |
| Basic Events             | Motion detection (supports alarms triggering by specified target types -- human and vehicle), video tampering alarm, exceptions / anomalies   |
| Linkage                  | Upload to FTP / NAS / memory card, notify surveillance center, trigger recording, trigger capture, send email   |
| Smart Events             | Scene change detection  |






| <b>Deep Learning Functions</b>   |   |
|----------------------------------|---|
| Face Capture                     | Yes   |
| Perimeter Protection             | Line crossing, intrusion, region entrance, region exiting<br>Supports alarm triggered by specified target types (humans and vehicles)   |
| <b>General</b>                   |   |
| Power                            | 12 V DC $\pm$ 25%, 0.66 A, max. 8 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection,<br>PoE: IEEE 802.3 af, Class 3, max. 9.5 W                                     |
| Material                         | Base: aluminum alloy, cover: aluminum alloy   |
| Dimensions                       | $\varnothing$ 4.78 x 3.84" ( $\varnothing$ 121.5 x 97.6 mm)   |
| Package Dimensions               | 9.2 x 4.7 x 4.6" (234 x 120 x 117 mm)   |
| Weight                           | Approx. 1.2 lb (525 g)  |
| Packaged Weight                  | Approx. 1.7 lb (750 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 Functions                | Heartbeat, mirror, password reset via email, pixel counter, anti-banding  |
| <b>Certifications</b>            |   |
| EMC                              | CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014,<br>IC: ICES-003: Issue 7,<br>KC: KN32: 2015, KN35: 2015,<br>RCM: AS/NZS CISPR 32: 2015 |
| Safety                           | UL: UL 62368-1,<br>CB: IEC 62368-1: 2014+A11,<br>CE-LVD: EN 62368-1: 2014/A11: 2017,<br>BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005  |
| Environmental                    | CE-RoHS: 2011/65/EU,<br>WEEE: 2012/19/EU,<br>Reach: Regulation (EC) No 1907/2006  |
| Protections                      | IP67: IEC 60529-2013  |

## Dimensions



Unit: mm (inch)

## Accessories

| LTB347H<br>Junction Box   | LTB742-120<br>Wall Mount  | LTB731<br>Pendant Mount   | LTB378<br>Vertical Pole Mount   | LTB379<br>Corner Mount  |
|---|---|---|---|---|
|  |  |  |  |  |