

## CMIP7342WB-28MDA

### Platinum 4 MP Smart Fixed Dome Network Camera



Empowered by deep learning algorithms, our technology brings human and vehicle target classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 4 MP resolution
- Clear imaging against strong backlight thanks to 120 dB WDR technology
- High-efficiency H.265+ compression technology
- Built-in microphone for real-time audio security
- Water and dust resistance (IP67) and vandal resistance (IK10)
- Focus on human and vehicle target classification based on deep learning

## Specifications

| Camera                                              |                                                                                                                  |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Image Sensor                                        | 1/3" Progressive Scan CMOS                                                                                       |
| Min. Illumination                                   | Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on                                                              |
| Shutter Speed                                       | 1/3 to 1/100,000 sec.                                                                                            |
| Slow Shutter                                        | Yes                                                                                                              |
| P/N                                                 | P/N                                                                                                              |
| Wide Dynamic Range                                  | 120 dB                                                                                                           |
| Day & Night                                         | ICR Cut                                                                                                          |
| Angle Adjustment                                    | Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°                                                             |
| Lens                                                |                                                                                                                  |
| Lens Type & FOV                                     | 2.8 mm: Horizontal 103°, vertical 55°, diagonal 122°<br>4 mm: Horizontal 84°, vertical 45°, diagonal 100°        |
| Aperture                                            | F1.6                                                                                                             |
| Lens Mount                                          | M12                                                                                                              |
| Detection, Observation, Recognition, Identification |                                                                                                                  |
| DORI                                                | 2.8 mm: D: 67 m, O: 26 m, R: 13 m, I: 6 m<br>4 mm: D: 80 m, O: 31 m, R: 16 m, I: 8 m                             |
| Illuminator                                         |                                                                                                                  |
| IR Range                                            | Up to 98 ft (30 m)                                                                                               |
| Wavelength                                          | 850 nm                                                                                                           |
| Video                                               |                                                                                                                  |
| Max. Resolution                                     | 2688 × 1520                                                                                                      |
| Main Stream                                         | 50Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720)<br>60Hz: 30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)       |
| Sub Stream                                          | 50Hz: 25 fps (640 × 480, 640 × 360)<br>60Hz: 30 fps (640 × 480, 640 × 360)                                       |
| Third Stream                                        | 50Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)<br>60Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360)               |
| Video Compression                                   | Main stream: H.264 / H.264+ / H.265 / H.265+<br>Sub-stream: MJPEG / H.264 / H.265<br>Third stream: H.264 / H.265 |
| 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)                         | Yes                                                                                                              |
| Region of Interest (ROI)                            | 1 fixed region for main stream and sub-stream                                                                    |
| Audio                                               |                                                                                                                  |
| Environmental Noise Filtering                       | Yes                                                                                                              |
| Audio Sampling Rate                                 | 8 / 16 / 32 / 44.1 / 48 kHz                                                                                      |
| Audio Compression                                   | G.711 ulaw / G.711 alaw / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC                                              |

|                                  |                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio Bit Rate                   | 64 Kbps (G.711 ulaw / G.711 alaw) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 16 Kbps - 64 Kbps (AAC) / 32 - 192 Kbps (MP2L2) / 8 - 320 Kbps (MP3)                                                                                                                                                                                          |
| <b>Network</b>                   |                                                                                                                                                                                                                                                                                                                                         |
| Simultaneous Live View           | Up to 6 channels                                                                                                                                                                                                                                                                                                                        |
| API                              | Open Network Video Interface (Profile S, Profile G), ISAPI, SDK                                                                                                                                                                                                                                                                         |
| Protocols                        | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE                                                                                                                                                                                                      |
| 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) for local storage, and NAS (NFS, SMB / CIFS), auto network replenishment (ANR)                                                                                                                                                                                                                     |
| Web Browsers                     | Plug-in required live view: IE 10, IE 11<br>Plug-in free live view : Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+                                                                                                                                                                                          |
| <b>Imaging</b>                   |                                                                                                                                                                                                                                                                                                                                         |
| Day / Night Switching            | Day, Night, Auto, Schedule                                                                                                                                                                                                                                                                                                              |
| Image Enhancement                | BLC, HLC, 3D DNR                                                                                                                                                                                                                                                                                                                        |
| Image Parameter Switching        | Yes                                                                                                                                                                                                                                                                                                                                     |
| Image Settings                   | Rotate, mirror, privacy mask, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser                                                                                                                                                                                             |
| <b>Interface</b>                 |                                                                                                                                                                                                                                                                                                                                         |
| Built-in Microphone              | Yes                                                                                                                                                                                                                                                                                                                                     |
| On-board Storage                 | Built-in MicroSD, up to 256 GB                                                                                                                                                                                                                                                                                                          |
| Hardware Reset                   | Yes                                                                                                                                                                                                                                                                                                                                     |
| Communication Interface          | 1 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                                                                                                                                                                                                                              |
| Face Detection                   | Yes                                                                                                                                                                                                                                                                                                                                     |
| <b>Deep Learning Functions</b>   |                                                                                                                                                                                                                                                                                                                                         |
| Perimeter Protections            | Line crossing detection, intrusion detection<br>Supports human and vehicle targets classification                                                                                                                                                                                                                                       |
| <b>General</b>                   |                                                                                                                                                                                                                                                                                                                                         |
| Linkage Methods                  | Upload to FTP / memory card/NAS, notify surveillance center, trigger record, trigger capture, 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 Functions                | Anti-flicker, heartbeat, password reset via e-mail, pixel counter                                                                                                                                                                                                                                                                       |
| 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%, reverse polarity protection<br>PoE: 802.3af, Class 3                                                                                                                                                 |
| Power Consumption and Current | 12 VDC, 0.4 A, max. 5 W<br>PoE (802.3 af, 36 V to 57 V), 0.2 A to 0.15 A, max. 6.5 W                                                                                                                                   |
| Power Interface               | Ø 5.5 mm coaxial power plug                                                                                                                                                                                            |
| Materials                     | Aluminum alloy body<br>Bubble: plastic                                                                                                                                                                                 |
| Camera Dimensions             | Ø 4.8 × 3.7 in. (Ø 121.4 × 92.2 mm)                                                                                                                                                                                    |
| Package Dimensions            | 5.9 × 5.9 × 5.6 in. (150 × 150 × 141 mm)                                                                                                                                                                               |
| Camera Weight                 | Approx. 1.3 lbs (570 g)                                                                                                                                                                                                |
| Package Weight                | Approx. 1.8 lbs (806 g)                                                                                                                                                                                                |
| <b>Certifications</b>         |                                                                                                                                                                                                                        |
| EMC                           | FCC (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 (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); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part 1):2010+A1:2013+A2:2015)                                                          |
| Environmental                 | CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)                                                                                                                                          |
| Protections                   | IP67 (IEC 60529-2013), IK10 (IEC 62262: 2002)                                                                                                                                                                          |



© 2021 LT Security, Inc. All Rights Reserved. White papers, data sheets, quick start guides, and/or user manuals are for reference only and may or may not be entirely up to date or accurate based upon the version or models. Product names mentioned herein may be the unregistered and/or registered trademarks of their respective owners