



## VIS-P8TXIR28LC-AIST

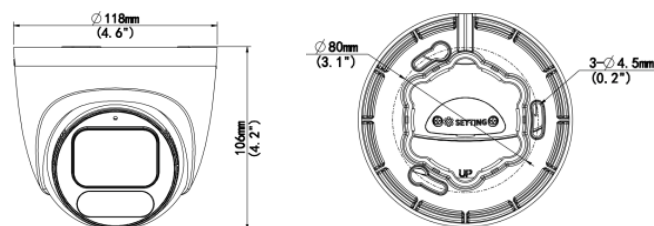
8 Megapixel IP Plug & Play, Outdoor Turret, Fixed Lens, WDR, Built-in Mic, SD Card Slot, 12VDC/PoE, Superior Starlight

### Features

- 8 Megapixel Resolution
- Fixed Lens
- Smart Illumination
- Superior Starlight Illumination: 0.0003 Lux
- Ultra H.265, H.265, H.264, MJPEG Compression
- 20 FPS Recording and Live
- True WDR 120dB
- Micro SD Slot: Up to 512GB
- Built-in Mic
- IP67 Weatherproof
- 12VDC/PoE Operation
- ONVIF
- Cloud Upgradeable
- Free iOS & Android Apps for Smart Phones & Tablets
- Free Central Management Software (CMS) for PC/MAC
- NDAA Compliant

|                                    |   |
|------------------------------------|---|
| Camera                             | VIS-P8TXIR28LC-AIST   |
| Max Resolution                     | 8 MP  |
| Sensor                             | 1/1.8" CMOS   |
| Min. Illumination                  | Colour: 0.0003 lux (F1.0, AGC ON)   |
| Shutter                            | Auto/Manual, 1 ~ 1/100000s  |
| Adjustment Angle                   | Pan: 0° ~ 360°, Tilt: 0° ~ 90°, Rotate: 0° ~ 360°   |
| S/N                                | >52 dB  |
| WDR                                | 120 dB  |
| Lens                               |   |
| Focal Length                       | 2.8 mm  |
| Iris Type                          | Fixed   |
| Iris                               | F1.0  |
| Field of View (H)                  | 111.0°  |
| Field of View (V)                  | 63.0°   |
| Field of View (D)                  | 131.0°  |
| Lens Type                          | Fixed   |
| DORI                               |   |
| DORI Distance (Lens)               | 2.8mm   |
| DORI Distance (Detect)             | 206.7ft (63.0)  |
| DORI Distance (Observe)            | 82.7ft (25.2)   |
| DORI Distance (Recognize)          | 41.3ft (12.6)   |
| DORI Distance (Identify)           | 20.7ft (6.3)  |
| Illuminator                        |   |
| Supplemental Light                 | Warm light  |
| Illumination Distance (Warm Light) | 98.4 ft (30 m)  |
| Light On/Off Control               | Auto/Manual   |
| Video                              |   |
| Video Compression                  | Ultra 265, H.265, H.264, MJPEG  |
| H.264 Code Profile                 | Baseline profile, Main profile, High profile  |
| Frame Rate                         | Main Stream: 8MP (3840*2160), Max 20fps; 5MP (3072*1728), Max 30fps; 4MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps;<br>Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF (704*288), Max 30fps; CIF (352*288), Max 30fps; |
| Video Bit Rate                     | 128 Kbps to 6144 Kbps   |
| U-code                             | Support   |
| OSD                                | Up to 4 OSDs  |
| Privacy Mask                       | Up to 4 areas   |
| ROI                                | Support   |
| Video Stream                       | Dual Streams  |
| Image                              |   |
| White Balance                      | Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2  |
| Digital Noise Reduction            | 2D/3D DNR   |
| Smart Illumination                 | Support   |
| Flip                               | Normal, Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° Anti-clockwise   |
| Dewarping                          | N/A   |
| HLC                                | Support   |
| BLC                                | Support   |
| Defog                              | Digital Defog   |
| Image Stabilization                | N/A   |
| Events                             |   |
| Basic Detection                    | Motion Detection, Ultra Motion Detection, Tampering Alarm, Audio Detection  |
| General Function                   | Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication, HTTP Authentication   |

|                                   |  |
|-----------------------------------|--|
| Intelligent                       |  |
| Smart Intrusion Prevention (Lite) | Intrusion, Crossline Detection (Both detection are based on human body and vehicle detection)  |
| Audio                             |  |
| Audio Compression                 | G.711U, G.711A   |
| Audio Bitrate                     | 64 Kbps  |
| Two-way Audio                     | N/A  |
| Suppression                       | Support  |
| Sampling Rate                     | 8 kHz  |
| Storage                           |  |
| Edge Storage                      | Micro SD, up to 512 GB   |
| Network Storage                   | ANR, NAS (NFS)   |
| Network                           |  |
| Protocols                         | IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS  |
| Compatible Integration            | ONVIF (Profile S, Profile G, Profile T), API, SDK  |
| User/Host                         | Up to 32 users, 2 user levels: administrator and common user   |
| Security                          | Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF |
| Client                            | InVid Vision (Mobile App), Vision Tools (IP Utility), InVid CMS  |
| Web Browser                       | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+   |
| Interface                         |  |
| Audio I/O                         | N/A  |
| Alarm I/O                         | N/A  |
| Serial Port                       | N/A  |
| Built-in Mic                      | Support  |
| Built-in Speaker                  | N/A  |
| WiFi                              | N/A  |
| Network                           | 1 × RJ45 10 M/100 M Base-TX Ethernet   |
| Video Output                      | N/A  |
| Certification                     |  |
| EMC                               | CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035)<br>FCC (FCC 47 CFR part15 B)   |
| Safety                            | CE LVD (EN 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)   |
| Environment                       | CE-RoHS (2011/65/EU)(EU)2015/863); WEEE (2012/19/EU);  |
| Protection                        | IP67 (IEC 60529)   |
| General                           |  |
| Power                             | DC 12V±25%, PoE (IEEE 802.3af)   |
| Power Consumption                 | Max 3.9W   |
| Power Interface                   | Ø5.5 mm coaxial power plug   |
| Dimensions (Ø x H)                | Ø4.6" x 4.2" (Ø118 x 106mm)  |
| Weight                            | 1.06lb (0.48kg)  |
| Material                          | Metal  |
| Working Environment               | -22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤ 95% RH (non-condensing)  |
| Storage Environment               | -22°F ~ 140°F (-30°C ~ 60°C), Humidity: ≤ 95% RH (non-condensing)  |
| Surge Protection                  | 4 KV   |
| Reset Button                      | Support  |
| Web Client Language               | 13 Languages: English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese, Spanish, Spanish (Europe), Italian   |



### Ordering Information

**VIS-P8TXIR28LC-AIST: 8 Megapixel Turret, 2.8mm Fixed Lens**