

LEGENDNX

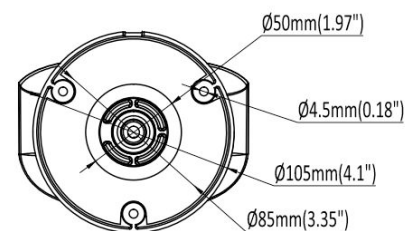
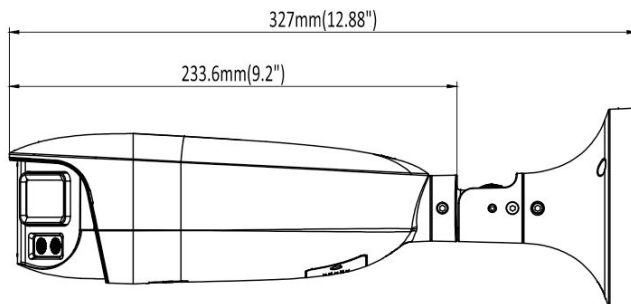
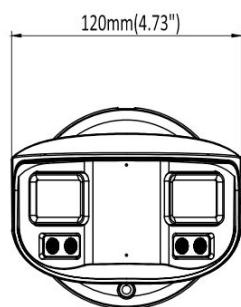
LGNXB04K180ADWF

2 × 4.1 MP Active Deterrence Panoramic Network Camera

- 2 × 4.1 MP panoramic resolution
- Deep learning analytics for human and vehicle detection
- IP67-rated enclosure
- Warm light illumination up to 40 m
- Active deterrence with visual and audio warnings
- Integrated microphone and speaker



Dimensions



Accessories



XLGNXLB10
Junction Box



XLGNXPM03
Pole Mount

*Design and specifications are subjects to change without notice.

Technical Specifications

| Camera & Optics | | | | |
|----------------------------|---|-----------|-----------------------------|----------|
| Image Sensor | 2 × 1/1.8" Progressive Scan CMOS | | | |
| Total Resolution | 8 MP (dual-sensor panoramic) | | | |
| Maximum Resolution | 5120 × 1440 | | | |
| Minimum Illumination | 0.0008 Lux (color), 0 Lux with warm light | | | |
| Shutter Speed | Auto / Manual, 1/3 s to 1/100000 s | | | |
| Day / Night Mode | Automatic IR cut filter | | | |
| Wide Dynamic Range | 130 dB | | | |
| Angle Adjustment | PAN | TILT | ROTATION | |
| | 0° to 360° | 0° to 90° | 0° to 360° | |
| Lens & Field of View | | | | |
| Focal Length | 4.0 mm | | | |
| Aperture | F1.0 | | | |
| Field of View | Horizontal | | Vertical | |
| | 180° | | 44° | |
| Lens Mount | M16 | | | |
| Illumination | | | | |
| Illumination Type | Warm light | | | |
| Illumination Distance | Up to 40 m | | | |
| Smart IR | Not applicable | | | |
| Strobe Light | Not applicable | | | |
| Detection Performance | | | | |
| DORI 4.0 mm | DETECT | OBSERVE | RECOGNIZE | IDENTIFY |
| | 70 m | 28.5 m | 14.3 m | 7 m |
| Video Encoding & Streaming | | | | |
| Video Compression | H.265+, H.265, H.264+, H.264, MJPEG | | | |
| Video Bit Rate | 11 Kbps to 16 Mbps | | | |
| Streaming Capability | Triple Stream | | | |
| Frame Rate | Main Stream | | | |
| | 50 Hz: 20 fps @ 5120 × 1440 | | 60 Hz: 20 fps @ 5120 × 1440 | |
| | Sub Stream | | | |
| | 50 Hz: 20 fps @ 1920 × 544 | | 60 Hz: 20 fps @ 1920 × 544 | |
| | Third Stream | | | |
| | 50 Hz: 20 fps @ 352 × 288 | | 60 Hz: 20 fps @ 352 × 240 | |

*Design and specifications are subjects to change without notice.

Technical Specifications

| Image Processing & Adjustment | |
|-------------------------------|---|
| Image Adjustments | Brightness, Contrast, Saturation, Hue, Sharpness |
| Backlight Compensation | Supported |
| Highlight Compensation | Supported |
| Region of Interest (ROI) | Supported |
| Digital Noise Reduction | 3D DNR |
| Audio | |
| Audio Compression | G.711A, G.711U |
| Audio Bit Rate | 64 Kbps |
| Built-in Microphone | Yes |
| Built-in Speaker | Yes |
| Audio Input / Output | 1 / 1 |
| Intelligent Video Analytics | |
| Target Classification | Human and vehicle classification |
| Basic Detection | Motion detection with target filtering |
| Advanced Analytics | Line crossing, area intrusion |
| Regional Events | Region entrance, region exit |
| Video Tampering | Supported |
| Face Detection | Not supported |
| Active Deterrence | |
| Visual Warning | Red and blue light alert |
| Audio Warning | Audible warning via built-in speaker |
| Triggering | Event-based activation |
| Network & Integration | |
| Ethernet Interface | 1 × RJ45 10/100 Mbps |
| Network Storage | NAS (NFS, SMB / CIFS) |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, IGMP, SMTP, UPnP, UPnP-TM, P2P |
| System Integration | ONVIF (Profile S, G, T), CGI, SDK |
| Maximum Users | 40 |
| Cybersecurity | |
| Authentication | Password protection with enforced complexity |
| Encryption | HTTPS, TLS 1.1 / 1.2 |
| Network Protection | IP address filtering |
| Access Control | Basic and digest authentication, WSSE |

*Design and specifications are subjects to change without notice.

Technical Specifications

| Interface | |
|--------------------------|----------------------------|
| Alarm Input / Output | 1 / 1 |
| On-board Storage | MicroSD card, up to 256 GB |
| Reset Button | Yes |
| Power & Environment | |
| Power Supply | 12 VDC ±25% |
| Power over Ethernet | PoE (802.3af) |
| Power Consumption | Max. 11 W |
| Operating Temperature | -40 °C to 60 °C |
| Operating Humidity | ≤ 95% (non-condensing) |
| Ingress Protection | IP67 |
| Housing Material | Metal |
| Physical Characteristics | |
| Dimensions | 120 × 105 × 327 mm |
| Weight | 1630 g |

*Design and specifications are subjects to change without notice.