



Description

The JSL-IN800-MZ is an 8 MP AI dome network camera designed for high-definition surveillance and intelligent perimeter protection. Equipped with an ultra-high-resolution image sensor, large-aperture lens, and true 140 dB WDR technology, the camera delivers clear and detailed images under various lighting conditions.

The camera supports intelligent motion detection, tamper alarm, and event linkage with sound and light alerts to enhance active security response. With built-in microphone, local TF card storage, alarm I/O, and optional 4G connectivity, it is suitable for outdoor surveillance in commercial premises, industrial parks, and perimeter security applications.

Main Features

- High quality imaging with 8 MP (3840 × 2160) resolution
- Large-aperture F1.0 lens for improved low-light performance
- 140 dB true WDR technology
- Intelligent motion detection with full-screen or regional detection
- Video tamper (occlusion) alarm supported
- Event linkage with email notification, sound alarm, and light alarm
- Privacy masking with up to 4 configurable areas
- Long illumination distance up to 30 m
- Supports face detection and vehicle detection
- Built-in microphone for audio monitoring
- Built-in TF card slot (64 GB standard, up to 256 GB)
- Supports PoE and DC power supply
- Supports alarm input/output and RS485 interface
- Compatible with ONVIF and multiple network protocols

Specification

| Camera | |
|-----------------------|---|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Resolution | 3840 × 2160 |
| Minimum Illumination | Color: 0.005 Lux @ (F1.6, AGC ON) BW: 0 Lux with Light |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Day & Night | IR-cut filter with automatic switching |
| WDR | 140 dB |
| Lens | |
| Lens Type | Fixed lens |
| Focal Length | 4 mm / 6 mm |
| Aperture | F1.0 |
| Field of View | Horizontal: 90°, Vertical: 48° |
| Illuminator | |
| Warm Light | 4 pcs |
| Distance | Up to 30 m |
| Intelligent Analytics | |
| Facial Detection | Supported |
| Motion Detection | Supported |
| Vehicle Detection | Supported |
| Tamper Alarm | Supported |
| Privacy Mask | Up to 4 areas |
| Audio | |
| Audio Input | Built-in microphone |
| Audio Output | 1 × selectable output |
| Two-way Audio | Supported |

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| Video | |
| Video Compression | H.265 / H.264 |
| Main Stream | 8MP@25 FPS;5MP@25 FPS 6MP@25 FPS;720P@25 FPS |
| Network | |
| Interface | 1 × RJ45, 10/100 Mbps self-adaptive Ethernet |
| Protocols | IPv4, IPv6, HTTP, ONVIF, SIP, RTSP, WebRTC, Modbus, TCP, UDP, DHCP, etc |
| Browser | IE10, IE11, Edge, Chrome, Firefox |
| Storage | |
| Local Storage | Built-in TF card slot |
| Max. Capacity | 64 GB standard, up to 256 GB |

Alarm

| | |
|--------------|-----------|
| Alarm Input | 1 channel |
| Alarm Output | 1 channel |
| RS485 | 1 channel |

General

| | |
|---------------------|------------------|
| Power Supply | DC 12 V / PoE |
| Material | Plastic + Metal |
| Dimensions | 191 × 70 × 60 mm |
| Weight | 650g |
| Working Temperature | -20 °C to +45 °C |
| Humidity | ≤95% RH |
| Installation | Wall / Ceiling |

Dimension

