



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

