



Description

The JSL-NC506MC-T35-AD is a 5 MP AI image recognition camera designed for intelligent perimeter security. It features a robust metal front structure, high-performance imaging, and an adaptive dual-light illumination system to ensure stable image quality in both daylight and low-light conditions.

Equipped with advanced AI analytics, the camera supports human detection, intrusion detection, and intelligent behavior analysis with active sound and light deterrence. With built-in local storage, optional 4G connectivity, PoE power supply, and compatibility with Hikvision private protocol, the camera is well suited for outdoor surveillance in commercial, industrial, and critical infrastructure environments.

Main Features

- 5 MP high-resolution imaging with wide field of view
- Metal front housing for improved environmental durability
- Intelligent dual-light illumination with infrared and warm light
- Human detection and intrusion detection with active sound & light alarm
- Supports advanced AI analytics such as people counting, smoking detection, and phone call detection
- Optional AI algorithms including helmet detection, reflective clothing detection, and off-duty detection
- Built-in high-performance GPU and SONY image sensor
- Supports H.265 / H.264 / MJPEG compression
- Image enhancement technologies: true WDR, 3D noise reduction, defog, and ROI encoding
- Built-in microphone, supports voice broadcasting and two-way audio
- Supports external audio amplifier connection
- Built-in micro SD card slot (64 GB standard, up to 256 GB)
- Supports PoE power supply and optional 4G network
- Compatible with Hikvision private protocol (HK protocol)

Specification

Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Resolution	2880 X 1620
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
Aperture	F1.6
Field of View	Horizontal: 90°, Vertical: 48°
Illuminator	
Illumination Mode	Warm light / Smart light
Warm Light	4 pcs
Distance	Up to 30 m
Intelligent Analytics	
Facial Detection	Supported
Detection Range	15–20 m
Detection Mode	Full-screen detection
Snapshot Upload	Supported
Audio	
Audio Input	Built-in microphone
Audio Output	Built-in speaker / RCA output
Two-way Audio	Supported

Video	
Video Compression	H.265 / H.264
Main Stream	5MP@20FPS;4MP@25FPS 3MP@25FPS;1080P@25FPS
Network	
Interface	1 × RJ45, 10/100 Mbps self-adaptive Ethernet
Protocols	HTTP, HTTPS, TCP/IP, UDP, RTP, FTP, RTCP, RTSP, NTP, DHCP, DNS, DDNS, SNMP, SSL/TLS, WebSocket, UPnP, PPPoE
Browser	IE10, IE11, Edge, Chrome, Firefox
ONVIF	Optional
4G	Support
Storage	
Local Storage	Built-in 64 GB TF card
Max. Capacity	Up to 256 GB (optional)
Thermal / Fire Sensor	
Sensor Type	Dual fire detection sensor
Pixel Size	4.3 μm (main detect) + 5.0 μm (comparison)
Application	Fire detection and temperature comparison
Alarm	
Alarm Input	1 channel
Alarm Output	1 channel
Alarm Trigger	Human detection, area intrusion
General	
Power Supply	DC 12 V / PoE
Material	Plastic + Metal
Dimensions	109 × 109 × 90 mm
Weight	600g
Working Temperature	-20 °C to +45 °C
Humidity	≤95% RH
Installation	Wall / Ceiling

Dimension

