



### 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

