Description

The JSL-I88NPR-FD ANPR Camera is a professional high-definition license plate recognition camera designed for parking entrance control and traffic management applications. Based on advanced ANPR algorithms and a dedicated LPR processor, it provides stable and accurate vehicle identification under complex conditions such as strong backlight, large capture angles, rain, and snow.

Supporting license plates from over 20 countries, extensive vehicle brand and type recognition, and video-based triggering without induction loops, the camera simplifies system deployment while maintaining high recognition accuracy. It is suitable for smart parking systems, traffic control, law enforcement assistance, and intelligent advertising platforms.

Main Features

- Advanced ANPR algorithm with recognition accuracy up to ≥96%
- Supports license plates from 20+ countries
- Vehicle analytics covering 2900+ vehicle brands and 11 vehicle types
- Reliable recognition in challenging environments (backlight, rain, snow, large angles)
- Video trigger and coil trigger supported
- Vehicle classification for automatic charging (small / medium / large vehicles)
- Supports unlicensed vehicle detection and non-motor vehicle filtering
- Built-in blacklist and whitelist management
- Integrated high-power white LED illumination for night operation
- Free SDK provided, supporting DLL and COM components
- Multi-language development supported (C / C++ / C# / VB / Delphi / Java)
- Industrial-grade design with IP66 protection and wide temperature tolerance

Specification

Camera	
Image Sensor	1/3" CMOS Image Sensor
Resolution	1920 × 1080
Minimum Illumination	0.01 Lux
Image Output	1080P / 960P / 720P / D1 / CIF
Picture Output	2 MP JPEG

Lens	
Lens Type	Fixed focal lens
Focal Length	6mm

Illuminator	
Built-in Light	4 × high-power white LEDs
Anti-glare	Optimized for headlight suppression

Intelligent Function	
Plate Recognition	≥96%
Plate Type	Overseas license plates
Trigger Mode	Video trigger / Coil trigger
Vehicle Type Recognition	Small / Medium / Large
Special Detection	Unlicensed vehicle detection
Vehicle Filtering	Non-motor vehicle filtering
Data Management	Blacklist & whitelist supported

Audio	
Audio Input	1 channel
Audio Output	1 channel
Alarm Input	2 channels
Alarm Output	2 channels

DataSheet

Video

Video Compression	H.264 (High / Main / Baseline), MJPEG
Bitrate Control	Variable / Constant
Frame Rate	Up to 25/30 fps

Network

Interface	2 × RS485,1 × RJ45, 10/100 Mbps

Storage

Local Storage	Micro SD (TF) card
SD Standard	SD 2.0
Capacity	Up to 32 GB

System Integration

SDK	Free SDK provided
Development Support	DLL, COM components
Programming Languages	C / C++ / C# / VB / Delphi / Java

General

CPU	Hisilicon dedicated LPR processor
Power Supply	AC 220V / DC 12V
IP Level	IP66
Dimensions	452× 148 × 128 mm
Weight	2.7kg
Working Temperature	-25 ° C to +70 ° C
Humidity	≤95% RH

Dimension

452mm

148mm

120mm

136mm