

4N-LPR8201IP5Z3

5MP License Plate Recognition Camera



Key Features

- Equipped with high-performance image processor for stable and efficient image processing.
- Built-in SONY Exmor 1/2.8" Low-Illumination CMOS Sensor providing excellent image quality.
- Supports H.264 High Profile compression algorithm, delivering high-definition video with lower bandwidth consumption.
- Supports Triple Stream technology, up to 5MP @ 30fps real-time encoding.
- Supports virtual loop detection and ground loop trigger capture, with FTP image upload capability.
- Built-in TF card slot for local storage, supporting up to 128GB TF card for video
- Captured images can be automatically uploaded to an FTP server.
- Fill light on/off control with 13-level adjustment, ensuring optimal illumination
- Fill light brightness adjustable in 13 levels, with parameters automatically save
- Designed to operate under various lighting conditions and installation angles,
- Provides SDK development interface, supporting Windows and Linux platforms
- Supports ONVIF and GB28181 protocols

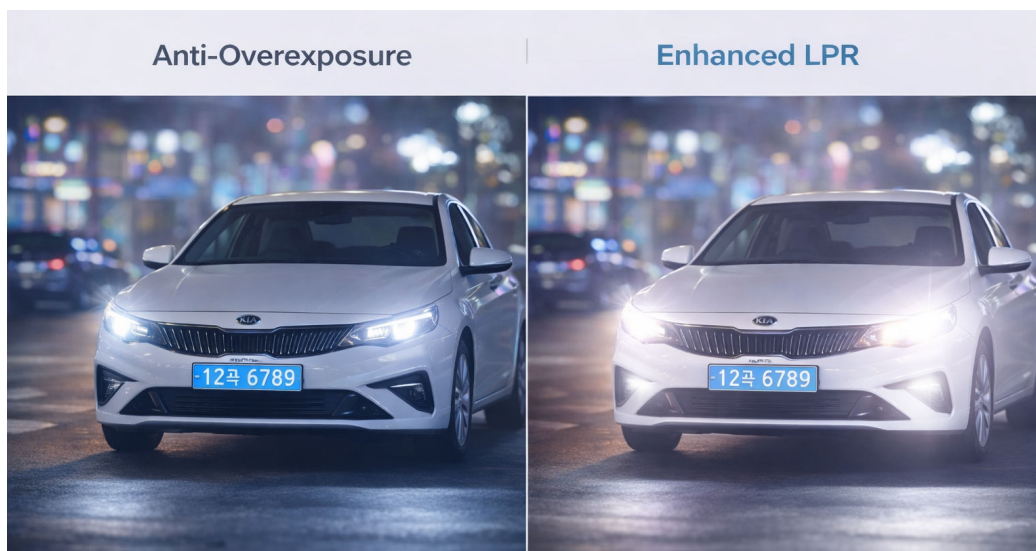
Specification

Model NO.		4N-LPR8201IP5Z3
Video parameter	Sensor	Ambarella high performance image processor
	Image Sensor	SONY Exmor/2.8"Low illumination speed CMOS Sensor
	Video compression algorithm	H.264 HighProfile compression algorithm
	Effective Pixels	5 MP, real time 30f
	Minimum illumination	Color: 0.01Lux at F1.2 / IR: 0.001Lux
	Wide dynamic	Off, low mode, medium mode, higher mode, high mode
	Strong light suppression	Off, low mode, medium mode, higher mode, high mode
	Ambient brightness	Auto, low mode, medium mode, higher mode, high mode
	Upload stream	256Kbps~8Mbps
	OSD character overlay	Support Chinese and English character superposition, channel name, date and time, adjustable position
	Shooting distance	Standard 3.0MP 6-22mm zoom lens, see the identification license plate within 30 meters
Audio Parameter	Audio compression algorithm	G.711,G.726,AAC
	Voice intercom input	Support two-way voice intercom
Capture	License Plate Recognition	Real-time video streaming license plate recognition capture (need to buy our company license plate recognition algorithm software)
	Trigger capture	Support virtual trigger capture, ground sense coil and other external trigger capture
	Image Format	JPG/H.264
	upload picture	Support FTP upload, automatically upload FTP server
Protocol	Network protocol	HTTP,HTTPS,RTSP,RTSP over HTTP,TCP/IP, UDP,uPnP, NTP,SMTP,DHCP,DDNS,DNS,DHCP, PPPoE, FTP
	Access protocol	WEB, SDK API,ONVIF2.2

interface	Power input port	1channel
	RJ45 interface	1channel 10Base-T/100Base-TX Ethernet interface
	Input port	Two-way switch input for external trigger devices such as the sense coil of the pick-up detector
		Two-level level signal input, used for external trigger devices such as the sense coil of the pick-up detector
	Output port	Two-way switch output for controlling gates and strobe lights
	Start value, number of shots, etc.	

Fill light	6pcs 3W high power, brightness 13level adjustable, button digital dimming
Fan	Intelligent temperature control, fan automatic opening temperature 20 °C
Power input	DC12V/2A
Maximum power consumption	Less than 20W
Operating temperature	-20--55 °C
Working humidity	10--85%
Shell size	8" shroud
System requirement	operating system: Microsoft Windows XP/Windows
	Browser: Microsoft Internet Explorer 6.x or above

LRP BACKLIGHT MANAGEMENT



80 km/h Highway License Plate Recognition Capture





The license plate recognition camera is designed for remote highways, mountain roads, national parks, coastal routes, and water protection zones across South Korea. It is ideal for areas where power supply and network infrastructure are limited.

This solution has been successfully deployed in solar-powered monitoring systems across various regions in South Korea, including Gangwon mountain highways, Jeju coastal roads, national park routes, and remote expressway sections, ensuring stable and accurate license plate capture in off-grid environments.



Accessories

Optional:

4N-AJ45G Junction Box	4N-AP27D Pole Mount	4N-AP01 Pole Mount	4N-ACR02 Corner Mount
			



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