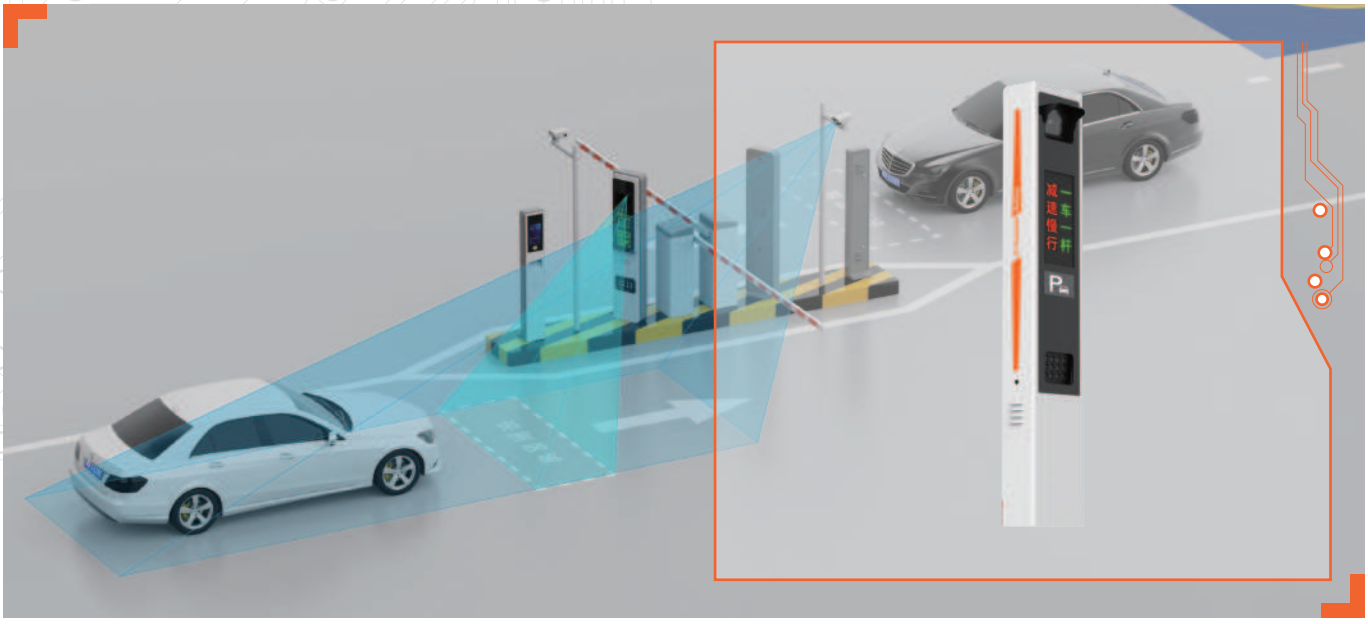
C3 All-in-One LPR Controller with LED Display

DCJ87-C5001C



Highlights

- Vertical screen design with compact footprint for easy installation in narrow spaces
- Equipped with ICE V6.0 CNN deep learning algorithm, supporting wider-angle recognition and higher accuracy across all license plate scenarios to address key customer pain points
- Supports vehicle U-turn detection, overstay alerts, and high-precision anti-counterfeiting—ideal for unattended operations
- 5MP image resolution with upgraded ISP; scene-adaptive mode ensures excellent performance under both backlight and low-light conditions with enhanced detail clarity
- Supports continuous vehicle passage without barrier drop
- Recognizes various special plate types (e.g. electric, in-factory, on-site, airport), meeting diverse non-standard recognition needs
- Supports web-based cross-platform remote access and public network video streaming

▪ Parameters

Hardware Specifications	Product Name	C3 All-in-One LPR Controller with LED Display	
	Model	DCJ87-C5001C	
	Processor	Dual-core ARM Cortex-A7, AI-capable	
	Sensor Type	1/2.7" CMOS Image Sensor	
	Minimum Illumination	0.1Lux	
	Lens	6mm Fixed Lens	
	LED Display	Dimensions	152*304mm
		Display	Small Vertical Display, Shows promotional messages, farewell text, license plate info, payment amount, time, and more
		Resolution	64*32
	Illuminator	3 rows with 12 LEDs, controlled by light sensor	
Performance Specifications	License Plate Recognition Accuracy	≥99.8%	
	Supported Plate Types	Standard and special-format plates including single-line, double-line, reflective, non-reflective, commercial, diplomatic, military, and new energy vehicle plates; customizable plate pattern library for different countries and regions	
	Trigger Mode	Loop,video(vehicle detection rate ≥99.9%)	
	Smart Event Detection	Vehicle U-turn detection	
		Vehicle overstay detection	
		Electronic and printed license plate anti-counterfeiting detection	
	Image Output	1620P(2880*1620)、1440P(2560*1440)、1296P(2304*1296), 1080P(1920*1080), 960P (1280*960), 720P(1280*720), D1(704*576)	
	Snapshot Output	1620P(2880*1620)、1440P（2560*1440）, 1296P(2304*1296), 1080P(1920*1080), 900P (1600*900), 720P(1280*720), 540P(960*540), D1(704*396)	
	Video Compression Format	H.264 , H.265 , MJPEG	
Electrical & Interface Specifications	Network Interface	10/100M adaptive Ethernet, RJ45 connector	
	I/O Interface	2 inputs / 2 outputs, 3.5mm terminal block	
	RS485 Interface	2 channels	
	USB Interface	1 port	
	SD Card	Supports SD2.0 standard MicroSD (TF) card, up to 32GB	
	Power Supply	AC220V	
	Power Consumption	≦30W	
	Operating Temperature	-25℃~+70℃	
	Ingress Protection	IP54	
	Dimensions (mm)	250(W)*1405(H)*130(D)	