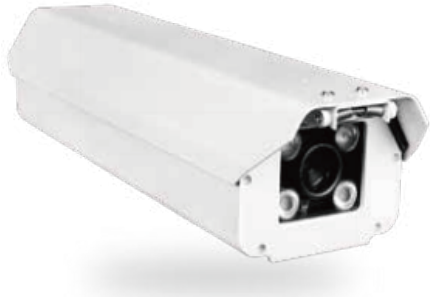


VEHICLE IDENTIFICATION RECOGNITION SMART CAMERA SP-LPRC-4X-1920P



ultra HD 5 million pixels (1920p)

- Comprehensive and accurate recognition of vehicle logo/model/style/body color information
- City starlight night vision full-color
- Independent NPU for real-time recognition
- Cloud platform integrated management
- International intelligent transportation full-scenario coverage
- Raising industry standards



SP-LPRC-4X-1920P TECHNICAL SPECIFICATION

Imaging	Model	2MP All-in-One ANPR Camera (Dual-core 900MHz Processor + CNN Hardware AI Acceleration Engine (0.5 Tops))
	Image Sensor Resolution Min Illumination ISP Video /Data Output	1/2.8" Starlight-grade CMOS 1280 x 960, 1600 x 1200, 2048 x 1536, 2304 x 1728, 2592 x 1944 0.01Lux(Color) Supports VZ Intelligent ISP (Automatic Scene Adaptation) H.265 / H.264 / MJPEG \ Intelligent Detection Structured Metadata Output
Lens	Standard/Optional	Standard: 6mm Fixed lens Optional: 2.8 - 12mm, 6 - 22mm or 5 - 50mm Motorized Zoom Lens
AI Smart Algorithms	Capture & Recognition Accuracy	Combined Capture Rate $\geq 99.99\%$; Combined Recognition $\geq 99.8\%$
	Supported Plate Types	Small vehicles, single/double-layer yellow plates, New Energy Vehicles (NEV), single/double-layer police plates, armed police plates, single/double-layer military plates, embassy/consulate plates, driver-instructor plates, Hong Kong/Macau cross-border plates, emergency vehicle plates, civil aviation plates, special/custom plates, etc.
	Intelligent ANPR Features	License plate anti-spoofing, vehicle capture without plates, vehicle logo recognition, vehicle sub-brand/model recognition, vehicle classification, vehicle color recognition, plate whitelist management, smart angle calibration
Interfaces	Network Interface I/O & Control Ports Audio Interface USB Port Local Storage	1-channel 10/100Mbps Adaptive RJ45 port Alarm Output: 2 channels, Alarm Input: 4 channels, RS485: 1 channel 1-ch Audio Input (LINE & MIC) + 1-ch Audio Output (Passive) 1-ch USB Type-A interface (optional 4G module) 1-ch TF/MicroSD Card Slot (Supports up to 512GB)
Management	Service	Basic & Cloud services; supports rich API/SDK for secondary development and integration
Appearance	Size (mm)	143W x 310L x 105H (mm)
	Weight (kg)	1.85

SP-LPRC-4X-1920P HARDWARE SPECIFICATION

Imaging	Sensor	5MP high-performance CIS
	Resolution	2592 (H) × 1944 (V)
	Minimum Illumination	0.01 LUX Colour (with white fill light)
	Electronic Shutter	0–1 ms or custom
	Lens	Standard: 6mm fixed-focus; Optional: 7–22mm
	Lens Mount	M12
Image Settings	Parameters	Brightness, contrast, saturation, image flip, exposure time, etc.
	Noise Reduction	2D / 3D Noise Reduction
	WDR	Supported
Interfaces & Controls	Optional Modules	4G, Bluetooth, LCD Screen Driver, Voice Intercom
	Reset Button	1-ch RESET button
	System LED Indicator	Flashing: normal operation; Steady on/off: booting or error
Storage	Front-end Storage	32GB built-in video storage
Reliability & Power	Operating Temperature	-30°C to 70°C
	ESD Protection	Contact 6KV, Air 8KV
	Surge Protection	10/70 common mode 4KV, differential mode 2KV; 8/20 common mode 2KV, differential mode 2KV
	Vibration Resistance	National Standard compliant
	Power Supply	12V DC 2A (Basic config) / 12V DC 5A (Extended config with screen/speaker)
	Power Consumption	≤8W (Basic config) / ≤55W (Extended config with screen/speaker)
	Ingress Protection	IP65