

LPRS2000

Hybrid Vehicle Recognition Terminal



LPRS2000 is a hybrid identification vehicle management terminal that adopts multiple recognition modes for long-range RFID and license plate recognition. And compare to the traditional license plate recognition product, it combines the latest developed high-performance UHF reader to ensure that the capture rate and recognition accuracy of fixed vehicles are up to 100%.

Features



Hybrid Recognition Mode

- Long-range RFID & license plate recognition
- Fixed vehicle capture rate and recognition accuracy are up to 100%
- Permanent algorithm update service



Adapt to complex application environments

- Support vehicle identification without license plate (or severely defaced license plate)
- Adapted to harsh environments, such as foggy weather



Parking Management Software

- Customizable fixed vehicle & visitor vehicle entry and exit management
- Customizable multiple parking charging rules



Localized Display and Voice

- Real-time display of license plate number, time record, remaining empty parking spaces, parking fee and other information
- Localized voice prompt

Specifications

Model	LPRS2000	
Basic Parameters		
Capture Rate	100% (For fixed vehicle)	
Recognition Accuracy	Day≥99.9%; Night≥99.7%	
Recognition Time	≤200ms (Average)	
Recognition Distance	2-10meters (Recommend distance is 3.5-4m)	
Adaptable Speed Of Car	≤15km/ h	
Output Information	License plate number, License plate picture, Access time, Card number	
Supported Countries	Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan.etc	
Working Voltage	220V	
Packaging Size	1140mm*500mm*310mm	
Camera Parameters		
CPU	A7@600 MHz, 32 KBI-cache/ 32 KBD-cache	
Flash	NOR FLASH 32M	
RAM	DDR3, 256M	
Image Sensor	1/2.8"CMOS	
Lens	2MP, 3.2mm -11.1mm, Auto focus	
Resolution	1920×1080P	
Minimum Illuminance	0.1Lux (Standard)	
Video Compression Standard	H264	
Video Compression Bit -rate	32Kbps-16Mbps	
Double Code Stream	Main Stream	1920*1080, 1280*720 (Optional), 1-25frames/s (25 default)
	Substream	704*576, 640*480, 320*240 (Optional), 1-25 frames/s (25 default)
Communication	TCP/ IP (10/100Mbps)	
I/O Interface	Two relay, Two RS485 outputs, Audio in/out, Barrier status input, Wiegand in & out	
Storage	TF Card (Default 8G, Max support 32G)	
Reset	Reset device parameters	
Working Modes	Video trigger	

Protection Level	IP65	
Working Voltage	12V DC	
Working Temperature	-20°C- +55°C	
Dimension	580mm*242mm*220mm	
Reader Parameters		
	UHF 6F Pro	UHF 6E Pro
Handheld Card Distance	Up to 18m	
Vehicle Reading Distance	Up to 12m	
Working Frequency	902-928MHz	865-868MHz
Chip	Impinj R2000	
Communication Interface	Wiegand 26 (Default)/ Wiegand 34, USB	
I/O Interface	Supports external trigger	
Working Mode	Always read (Default)/ Trigger read	
Interface Protocol	EPC global UHF Class 1Gen 2/ ISO 18000-6C, ISO 18000-6B	
Working Voltage	9~12V DC	
Working Current	1.2A	
Working Temperature	-20 °C - 60 °C	
Dimension	310mm*310mm*90mm	

Configuration

