

# **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

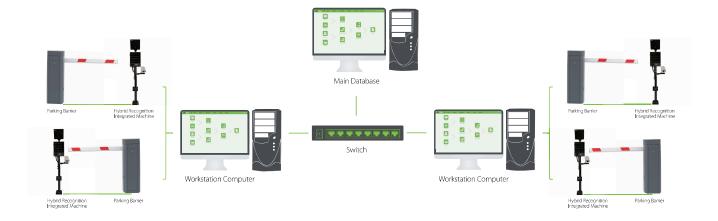
- · Real-time display of license plate number, time record, remaining empty parking spaces, parking fee and other information
- · Localized voice prompt

## **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 18000-6E		
Working Voltage	9~12V DC		
Working Current	1.2A		
Working Temperature	-20 °C - 60 °C		
Dimension	310mm*310mm*90mm		

### Configuration





V1.0 2018 08 15