LPRS2000

Hybrid Recognition Integrated Machine

Adopts multiple recognition modes based on long-range RFID and license plate recognition. LPRS2000 is a hybrid recognition vehicle management terminal, and Compared to the traditional license plate recognition product,it combines the lasted 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%
·Permanently upgraded LPR algorithm service

Adapt to complex application environments
·Support vehicle without license plate (or seriously fouled license plate) vehicle
·Support thick fog weather

Parking Management Software
·Costomizable fixed vehicle & visitor vehicle entry and exit management
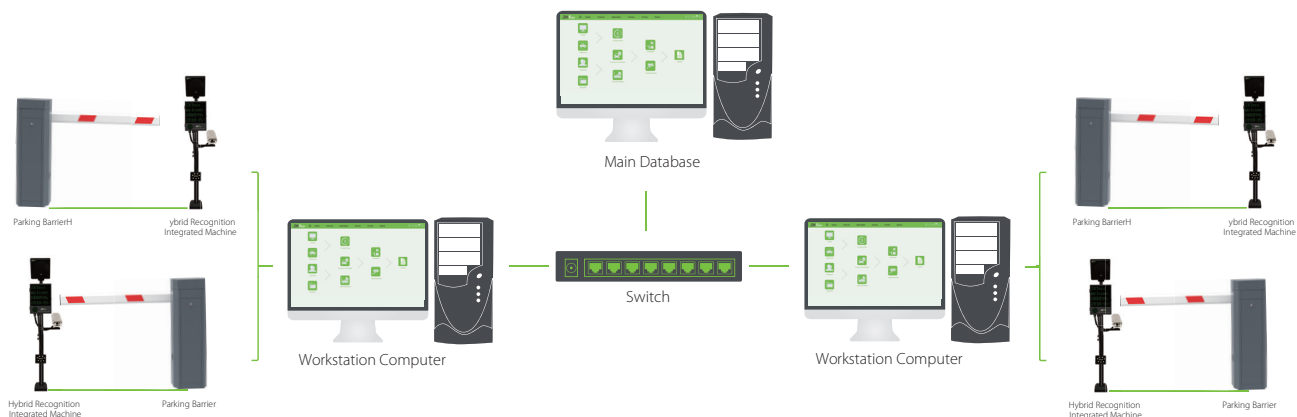·Customizable diversity of parking charging rules

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
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 KB D-cache
Flash	NOR FLAS 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)
Double code stream — 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℃- +55℃
Dimension	580mm*242mm*220mm

Reader Parameters		
	UHF 6F Pro	UHF6E Pro
Handheld Card Distance	Up to 18m	
Vehicle Reading Distance	Up to 12 m	
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 ℃ - 60 ℃	
Dimension	310mm*310mm*90mm	

Configuration

Parking BarrierH

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Main Database

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Parking Barrier

Workstation Computer

Switch

Workstation Computer

Hybrid Recognition Integrated Machine

Parking Barrier

V1.0 2018 07 02

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