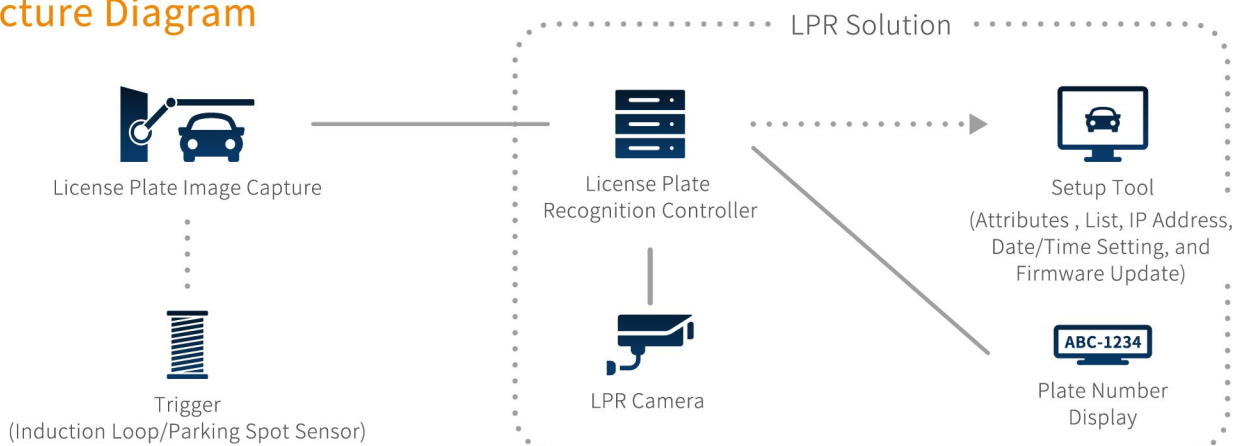# IWA

Determine the permit of the vehicle access with automatic license plate recognition technology.

Comparing with traditional card/token pass solution, IWA LPR system can improve service efficiency to avoid manual management and the problems of poor service attitude, unreasonable charges, and refusal to pay the parking fee.

SCAN RESUL

MR.SMI

License Plate Recognition System

Structure Diagram

LPR Solution

License Plate Image Capture

License Plate Recognition Controller

Setup Tool
(Attributes , List, IP Address, Date/Time Setting, and Firmware Update)

Trigger
(Induction Loop/Parking Spot Sensor)

LPR Camera

ABC-1234

Plate Number Display

· Provide the interface to the IP camera with RTSP standard. Open the gate after license plate is recognized through LPR system.

· Open API to 3rd party integrators for more advanced parking system integration.

System Features

| License Plate Recognition |

The high-speed cameras at the entrance and the exit capture and recognize the license plate for web-based monitoring.

| Black/White/Visitor List Management |

The administrator can add, delete, and manage the access permission, and visitor cars by the LPR setting tool.

| Built-in Setup Program |

Provide more advanced setting functions, such as fuzzy match and identification area setting.

| Caption Output |

Provide the welcome subtitle setting and deliver the recognized license plate results to show the drivers that they have been correctly identified and allowed to enter.

| Open API |

Provide system integrators to carry out more system expansion, such as eTag system linkage, parking information inquiry, parking fee pricing, and report management.

License Plate Recognition Controller

· 24 hours operation, license plate recognition can be performed and unaffected by weather conditions.
· LPR results and images can be transferred to the workstation via local network.
· Be able to output the data of LPR results, including picture, plate number, location, time, and plate category.
· Plate number recognition: 5-7 characters
· Plate number identification for private vehicles, business vehicles, and trucks.
· Instant output of welcome greeting

Model Number	iLPR-18
Dimension(L×W×H)	251.6×114.65×61.95mm
CPU	Intel® Pentium® N4200 2.5 GHz
Memory	DDR3L 1866 SODIMM slot x1, 4GB
Communication Port	DIO, RS232, HDMI, USB, LAN
Power Requirement	9-24V with 3-pin terminal block
Operation Temp.	-20°C - 70°C
Operation System	Linux (Ubuntu)

High-Speed LPR Camera

Model Number	ISCD-IPB208-AFZ550
Dimension(L×W×H)	289.7×94×85.7 mm
Sensor	1/2.8" Progressive 2.0-megapixel CMOS sensor
Lens	Motorized 5-50mm lens
Shutter	1/2 ~ 1/1000s
Min. Illumination	0.003Lux@ (F1.2, AGC ON), 0 Lux with IR ON
WDR	Real WDR 128dB
Day/Night	Auto ICR / Manual Switch / Timing Switch
Power Requirement	DC12V、PoE(IEEE802.3AF)
Power Consumption	MAX 6.8W
Weight	N.W. 1200g, G.W. 1300g
Operation Temp.	-40°C~ 60°C
Ingress Protection	IP67

Plate Number Display

Model Number	iLPR_s-18
Dimension(L×W×H)	110×430×22 mm
LED Brightness	25% · 50% · 75% · 100%
Communication Port	USB / RS232
Display Color	Red
Power Requirement	110V
Display Character	12 Letters

The appearance of the product may be subject to slightly change.

IWA