

VEHICLE LPR

Industry-leading License Plate Recognition Solution

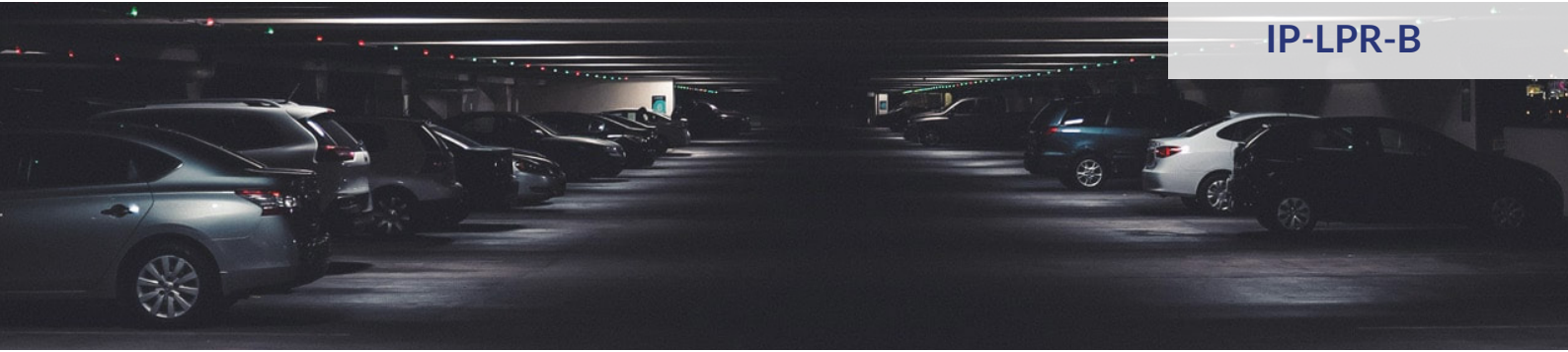
Using the deep learning license plate recognition algorithm independently developed by IPARKPRO, the accuracy rate of license plate recognition can reach more than 99%.

The image processing unit cooperates with intelligent exposure compensation technology to capture the optimal picture for identification in complex lighting environments such as strong light, weak light and backlight.



Stronger Hardware Platform Brings Better Performance

It adopts industrial-grade four-core high-end hardware platform, built-in self-developed license plate recognition algorithm and professional image processing unit, giving the product powerful application processing capabilities and license plate recognition deep learning capabilities.



OVERVIEW

The license plate reader is a device that is part of our IPARKPRO license plate recognition system. Designed and manufactured by IPARKPRO, it is responsible for reading the license plates of vehicles entering and leaving a car park. It is installed in each entry or exit road where you want to recognize license plates, right next to the automatic barrier. As soon as it captures the images of the vehicle, they are recognized directly by the LPR Software, performing a license plate reading.

It has installed a powerful license plate detector camera with IR LED focus, which allows to identify of license plates of cars, motorcycles, and trucks under any lighting condition, day or night. This feature makes it an effective and accurate license plate reader, even in the darkest car parks.

To the camera is added the lighting of LED technology, functioning as a traffic light to indicate the passage of the vehicle, making it the perfect license plate detector for any type of installation.

KEY FEATURES

Reading license plates day and night

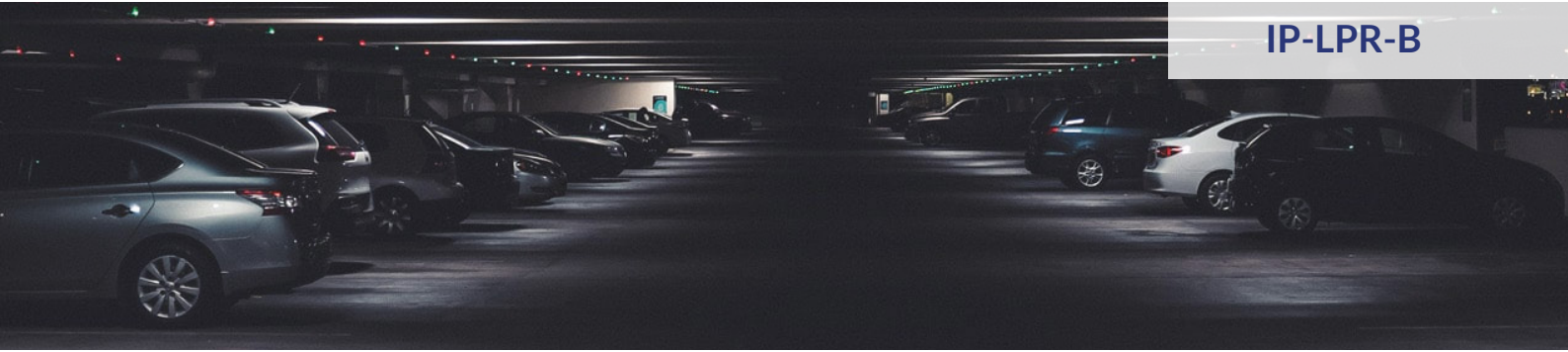
Our license plate reader has an LPR IR camera, allowing a license plate reading both in broad daylight and in circumstances of very low light, such as at night or in poorly lit spaces. It therefore offers you optimal license plate recognition.

LED traffic light

It has installed a series of LEDs, acting as an access traffic light. The equipment is connected to the license plate recognition system, so that when the barrier opens, the traffic light will change from red to green, indicating the driver's pace.

TECHNICAL SPECIFICATIONS

PARAMETER	IP-LPR-B
CAMERA Sensor	1/2.8 & quot; Progressive Scan CMOS.
Focal length	2.8-12 mm motorized autofocus and p-iris, varifocal. Aperture: F1.3.
Shutter speed	1/30(1/25) s to 1/8000s.
Maximum resolution	1920 × 1080
Video compresión	H.265+, MJPEG.
IR range	Up to 50 m.
IR cut filter	Day / Night.
EQUIPMENT LED	High luminosity LED traffic light 180°/90° (Green/Red).
LPR	LPR recognition on track.



TECHNICAL SPECIFICATIONS

PARAMETER	IP-LPR-B
BODY	
Dimensions	1000x180x180mm.
Made in steel	YES
ELECTRICAL SPECIFICATIONS	
Power Supply	110 to 230VAC / 50 to 60Hz.
Consumption	220V 1A.
OPTIONAL EQUIPMENT	
Barrier controller	Supported
Access via smartphone	Supported
number plate detection	LED display to visualize the number plate detected on the lane.
IP intercom	Supported
RFID card readers	Supported
SYSTEM ARCHITECTURE	
License	Requires LPR FF embedded license or IPARKPRO on server
Operating mode	Bollard sends photo to server for OCR and access validation or performs OCR locally and queries server for validation.

USA & CANADA

Tel +1-877-6774040
info@iparkpro.com

Williams Tower, 41st Floor, 2800 Post Oak
Boulevard, Houston, TX 77056, USA

EUROPE

Tel +44-203-835-2255
uk@iparkpro.com

86-90 Paul Street, London, England,
United Kingdom, EC2A 4NE

MIDDLE EAST

Tel +971 4 556 1557
mena@iparkpro.com

Boulevard Plaza Tower One, Level 3,
Downtown Dubai, United Arab Emirates