

MVC-IVA-LPR IVA Pro License Plate

IVA Pro



Based on advanced deep learning techniques, Intelligent Video Analytics (IVA) Pro License Plate excels in real-time identification of license plates in parking applications or city environments. It supports strategies that improve traffic flow, reduce congestion, and enhance safety at intersections, toll booths, and parking facilities. It ensures reliable and precise data capture for automated ticketing systems, traffic enforcement, and smart parking solutions.

Functions

Detecting and recognizing license plates in stop and go and city traffic

IVA Pro License Plate is a deep neural network based video analytics that detects and reads license plates on moving vehicles (car, van, bus, truck, motorbike). The license plate information is transmitted in real time via different protocols ensuring easy integration.

Parts included

Quantity	Component
1	License

- ▶ Detects and recognizes license plates
- ▶ Ideal for stop and go and city traffic scenarios
- ▶ Real time data transmission
- ▶ Runs on our selected CPP14 cameras
- ▶ Seamless integration with our video management systems and video management systems from other partners

Technical specifications

Detection

Maximum speed of the vehicle (km/h)	120 km/h
Maximum speed of the vehicle (mph)	75 mph
Number of road lanes	Maximum: 2 lanes; Best performance: 1 lane
Detection resolution (px)	1280 x 720 px
Required pixels on target (px)	Minimum 16 px on character height of license plate
Scope	Access control; City traffic
Section integration	ONVIF; Bosch Metadata

Supported countries

For a list of supported countries, refer to https://media.boschsecurity.com/fs/media/pb/media/products_1/video_systems_1/technical_documentation/IVA_Pro_License_Plate_-_Supported_Countries_and_States.pdf.



<https://www.boschsecurity.com>

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Compatibility

For information on supported cameras, refer to the Bosch Video Product Selector:

www.videoselector.boschsecurity.com

Configuration

Configure IVA Pro with Configuration Manager, a free software available for download from this website:

<https://downloadstore.boschsecurity.com/>.

Ordering information

MVC-IVA-LPR IVA Pro License Plate

Video analytics software based on deep neural network technology for detecting license plate information.

Order number **MVC-IVA-LPR**



<https://www.boschsecurity.com>