BOSCH

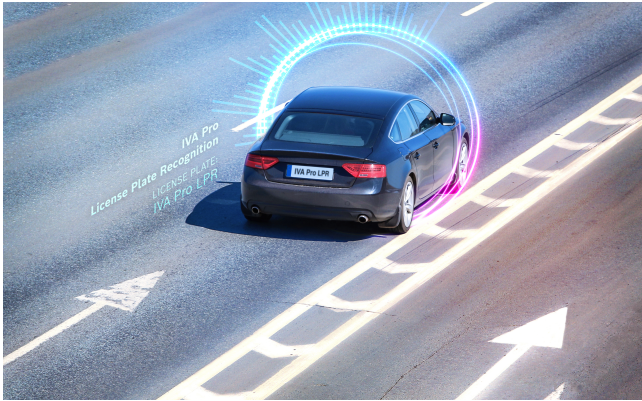# MVC-IVA-LPRX IVA Pro License Plate + Make Model
IVA Pro

▶ Detects and recognizes license plates

▶ Recognizes vehicle make and model

▶ Enables more refined forensic search

▶ Ideal for stop and go and city traffic scenarios

▶ Real time data transmission

Based on advanced deep learning techniques, Intelligent Video Analytics (IVA) Pro License Plate + Make Model excels both in real-time identification of license plates and in recognition of vehicles 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.
It enables more refined forensic search for specific vehicles. It ensures reliable and precise data capture to ensure reliable search results in the video management software.

Functions

Detecting and recognizing license plates in stop and go and city traffic
IVA Pro License Plate + Make Model 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.

Detecting and recognizing the manufacturer and model of vehicles in stop and go and city traffic applications
IVA Pro License Plate + Make Model is a deep neural network based video analytics that detects and recognizes the make and model of moving vehicles (car, van, bus, truck). The make and model information is transmitted in real time via different protocols ensuring easy integration.

Parts included

Quantity	Component
1	License

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
Make	>140 manufacturers
Model	>2000 different models
Scope	Access control; City traffic; Refined forensic search
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_documantation/IVA_Pro_License_Plate_-_Supported_Countries_and_States.pdf.

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-LPRX IVA Pro License Plate + Make Model
Video analytics software based on deep neural network technology for detecting license plate and vehicle information.
Order number **MVC-IVA-LPRX**

https://www.boschsecurity.com