

MVC-IVA-DGS IVA Pro Dangerous Good Signs

IVA Pro



Based on advanced deep learning techniques, Intelligent Video Analytics (IVA) Pro Dangerous Good Signs is designed to deliver exceptional performance in detecting and reading ADR signs on trucks. IVA Pro Dangerous Good Signs is specifically tailored for applications in urban traffic management and logistics, enhancing safety and operational efficiency. IVA Pro Dangerous Good Signs supports strategies that improve hazardous material transport monitoring, emergency response, and regulatory compliance. It ensures reliable and precise data capture of ADR signs, enabling real-time tracking and identification of dangerous goods being transported. By leveraging IVA Pro Dangerous Good Signs, city authorities, logistics companies, and emergency services can streamline operations, enhance roadway safety, and make data-driven decisions to improve the safe and efficient transport of dangerous goods.

Functions

Detecting and recognizing the content of ADR signs on vehicles

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

Parts included

Quantity	Component
1	License

- ▶ Detects and recognizes the content of dangerous good signs (ADR)
- ▶ 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 ADR plate
Scope	Tunnels ; Ports ; Industrial zones ; Urban delivery zones ; Borders
Section integration	ONVIF; Bosch Metadata

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-DGS IVA Pro Dangerous Good Signs

Video analytics software based on deep neural network technology for detecting dangerous good signs.

Order number **MVC-IVA-DGS**



<https://www.boschsecurity.com>