



# SecurOS™ Velox

Speed Limit Violation Detection System

**SecuroOS™ Velox** is a ready-to-use all-in one device designed for real-time traffic violations detection and automatic license plate recognition (ALPR) of all passing vehicles

## Overview

The Solution is supplied with on board processing, environmentally protected ready-to-mount cases and complementary illumination. Crossroad system is designed to monitor multiple vehicles and pederastians behavior at crossroads or in potentially dangerous streets and automatically detect suspected traffic law violations.

## Traffic Violations Detection

**SecurOS™ Crossroad** provides automated detection of the following traffic violations:

- Exceeding vehicle speed limit
- Violation of regulations related to vehicle position on

### Additionally you have:

- Reports on all passing vehicles for ITS purposes
- Detecting vehicles on te wanted list law enforcement applications





Additional external lights design

## Designed to work

- Available in mountable or portable design granting the same level of measurement quality
- Low power consumption (maximum 110W) permits using a small capacity battery for the mobile installation SecurOS™ Velox or connecting the fixed installation SecurOS™ Velox to street lighting line



## SecurOS™ Velox Solution Features:

- Comes as single ready-to-use device
- Monitoring of up to 6 lanes in both directions with a single device
- Tracking up to 32 targets (vehicles) simultaneously
- Support of independent speed limits for each lane (upper and lower)
- Support of independent speed limits for cars and heavy trucks/buses
- License plates recognition of violating vehicles and identification of violator vehicle in traffic flow
- An Exceptionally high quality of violation evidence during daytime and at nighttime, and under any weather conditions
- A high percentage of positive violation detection results: minimum missed violations and low percent false positive detection results
- The equipment is supplied as a ready-to-use unit
- Built-in integration capabilities to automate evidence processing by authorities and simplify tickets issuing
- Functioning as a standalone system or as a part of a distributed system combining a number of SecurOS Velox and/or SecurOS Crossroad

- Can be equipped with additional mountable external lights to provide clearly visible images vehicles in utter darkness
- High reliability: MTBF 35,000 Hours
- Low weight: maximum 14 kg
- High protection class-IP65
- Recognition of multiple types of license plates (over 60 countries)
- Possibility of installing on existing supports on the roadside, without erecting consoles or gantries
- A number of radar frequency ranges, allowing to use radar in combination with other devices, or use a number of products in one location without mutual interference
- Self-diagnostics of SecurOS Velox main components
- Data protection from unauthorized access
- Automatic determination of geographic coordinates
- Built-in correction of date and time without the need to connect to external NTP servers
- Built-in WI-FI



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