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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 consuption (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

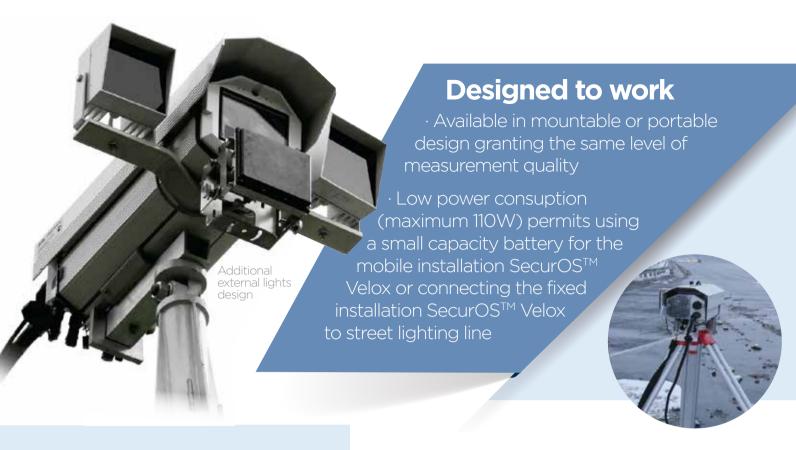# SecurOS™ Velox Solution Features:

· 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

· Suppor of independent speed limits for each lane (upper and lower)

· Suppor 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 o automate evidence processing by authorities and simplify tickets issuing

· Functioning as a standalone system of 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 weigth: 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 witout mutual interference

· Self-diagnostics of SecurOS Velox main components

· Data protection from unathorized access

· Automatic determination of geographic coordinates

· Built-in correction of date and time withut the need to conect to external NTP servers

· Built-in WI-FI

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