



O U R C O M M I T M E N T I S T O P R O T E C T L I V E S



MEDAR STS

Stationary Speed Enforcement System

- ✓ LIDAR Detection Technology
- ✓ Stationary System
- ✓ Speed Detection with High Accuracy
- ✓ Vehicle Classification and Lane Detection
- ✓ Speed Violation Records
- ✓ Multiple Vehicle Tracking
- ✓ Day/Night Operation
- ✓ Real Time Monitoring
- ✓ Data Transfer to Remote Server

Medar STS is a stationary speed enforcement system which tracks multiple vehicles on multiple lane traffic road. System automatically detects and marks the speeding vehicle and creates a violation file including target vehicle's speed, lane, class, location, date, time, and high resolution vehicle image along with clear plate number.



MEDAR STS Technical Specification

Technology: LIDAR

Multiple Vehicle Tracking: Yes, Automatic

Speed Measurement Range: 10 - 250 km/h

Speed Accuracy: +/- 3km/h (up to 100 km/h); +/- %3km/h (above 100 km/h)

Lane Detection: up to 4 lanes

Vehicle Classification: 3 class

Metadata: Date, time, GPS, target vehicle's speed-lane-class*, image

Storage: 256 GB (optional 512, 1024 GB)

Violation Camera: 12 MP global shutter camera

Violation Monitoring: Web based violation monitoring and evaluation software

Statistic: Traffic Statistic Reporting

Power: 220 VAC, 12 VDC, Optional Solar Power

Operating Temperature: -20°C to +55°C

Environmental Protection: IP66 (MEDAR STS Housing)

Optional Features

Licence Plate Recognition

Environmental Sensors: CO, Sound Intensity, Temperature, Humidity

Red Flash

* 1. class: motorcycle, 2. class: automobile, 3. class: bus, truck (day condition)



All the technical data are subject to change by $\pm 5\%$ without prior notice. Issued Date: 04/2023
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