



OUR COMMITMENT IS TO PROTECT LIVES



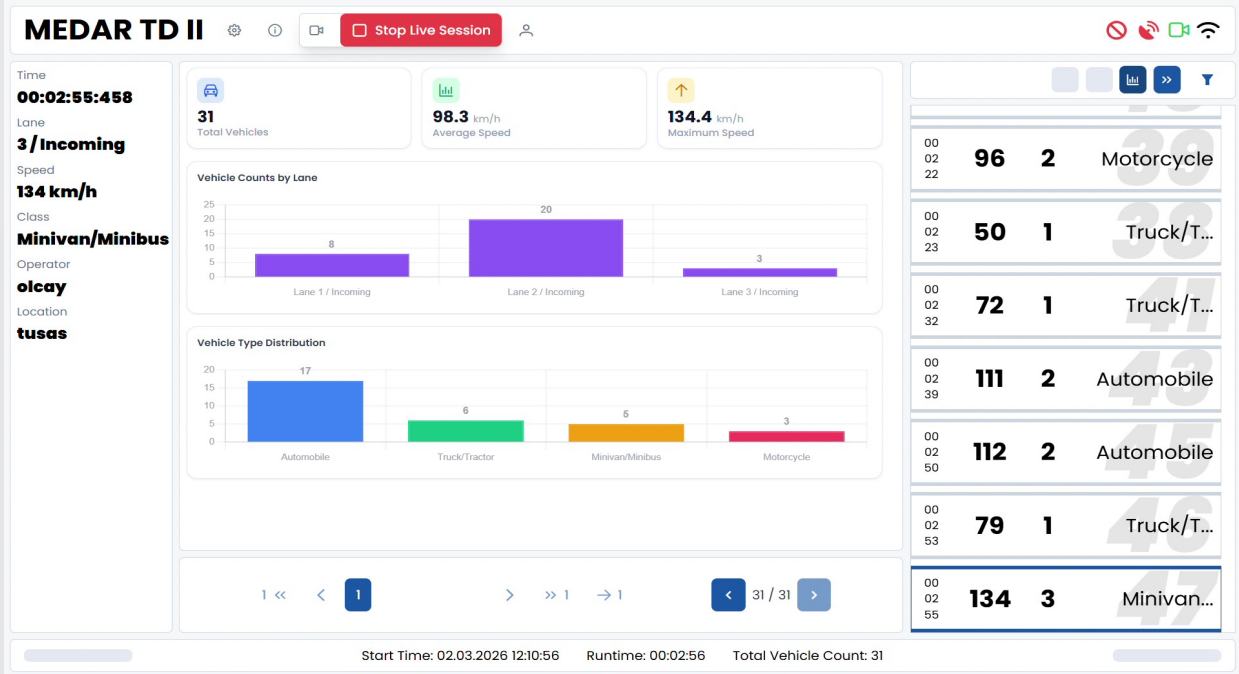
Traffic Data Collector

- ✓ LIDAR Detection Technology
- ✓ Mini Design and Easy to Use
- ✓ Traffic Data Acquisition with High Accuracy
- ✓ Lane, Speed, Class Detection
- ✓ Live monitoring or offline data evaluation

MEDAR TDs is a Lidar based traffic data collection sensor which can be mounted to any road side pole or tripod in minutes. It detects speed, lane, class of each passing vehicle. Medar TDs counts vehicles and creates variety of traffic statistics report.



Mesan Medar TDs provides remote monitoring of instant traffic flow as well as offering comprehensive data reports for desired location.



MEDAR TDs[®] Technical Specification

Direction: Incoming, Outgoing, 2-way traffic
Multiple Vehicle Tracking: Yes
Speed Measurement Range: 1-250 km/h
Speed Accuracy: < +/- 3km/h (up to 100 km/h); < +/- 3km/h (over 100 km/h)
Lane Detection: up to 4 lanes
Vehicle Classification: 5 type (can be increased based on vehicle length and width)
Internal Storage: 16 GB (can be optionally increased)
Remote Access and Data Transmission: GSM, Wi-Fi, Ethernet (Optional)
Metadata: Date, Time, GPS, Speed, Vehicle's Class, Vehicle's Lane
Power input: 12V DC
Weight: ~ 2 kg
Size: ~ 14,3 cm x 21,3 cm x 11,7 cm
Operating Temperature: -20°C to +60°C
Environmental: IP65
Remote Monitoring and Reporting: Offline / Online over web browser



All the technical data are subject to change by $\pm 5\%$ without prior notice.
Issued Date: 03/2026 All rights reserved © 2026 MESAN

MESAN Elektronik Sanayi Ticaret A.Ş.
Headquarter: Saray OSB Mahallesi G8 Caddesi No: 8 Kahramankazan / Ankara / TURKIYE

PBX: +90 312 299 20 70 | mesan@mesanas.com.tr | www.mesanas.com.tr