SCAE S.p.A.

NC-350

NC350 BlueStar Portable Traffic Analyzer

PROVIDES VEHICLE COUNT, CLASSIFICATION, SPEED, & LENGTH DATA WIRELESSLY

The NC350 BlueStar Portable Traffic Analyzer with Bluetooth™ Technology provides the accurate measurements of vehicle count, speed, and vehicle length. The NC350 BlueStar Portable Traffic Analyzer sensor is placed directly in the traffic lane to measure data, and can be installed and removed quickly and easily without damage to the road surface.

The NC350 BlueStar Portable Traffic Analyzer is designed to survey traffic on a roadway, bridge, parking garage, or construction area. Because the analyzer can communicate wirelessly via Bluetooth, traffic data can be retrieved & downloaded without removing the analyzer from the road. Data is easily assessed using Highway Data Management (HDM) software, where it can be presented in the form of reports, charts and graphs.

Model NC350

General

The NC350 Portable Traffic Analyzer is designed to provide even more accuracy in measuring counts, speeds, and vehicle lengths. As with the NC300, the sensor is placed directly in the traffic lane to measure data, and can be installed and removed quickly and easily.

The traffic analyzer combines accuracy and portability, monitoring traffic flow conditions right where you need them. Whether you are surveying traffic on a roadway, bridge, parking garage, or construction area, the sensor provides the data necessary for effective traffic analysis. The sensor utilizes Vehicle Magnetic Imaging (VMI) technology to detect vehicle count, speed and classification. The data is easily retrieved using Highway Data Management (HDM) software, where it can be presented in the form of reports, charts and graphs.

Features

- Communicates wirelessly via Bluetooth™ Technology
- Can be installed and removed in minutes
- Inconspicuous design blends in with road surface
- Individual vehicle recording allows infinte binning capabilities
- Durable extruded aluminum housing
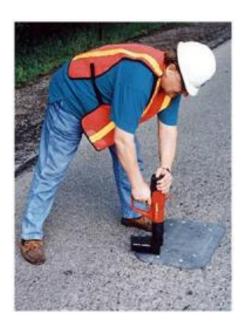- Long life, rechargeable, Lithium-Ion battery

Applications

- Airports, Stadium, Casinos
- Military Bases and Border Crossings
- Parks or Recreational Areas
- Police Departments (for speed studies)
- Stop Signs, Traffic Lights or Posted Speeds

Benefits

- Can be installed and removed in minutes
- Less noticeable to traffic, which results in more accurate information

Easy Installation

TECHNICAL DATA

General

Housing material :	Extruded/anodized aluminium
Ultimate Bearing Strength:	88.000 psi (607 Mpa)
Dimensions:	181x118x12,7mm
Weight:	0,59 Kg.
Operating temperature:	-20°C to +60°C
Sensor:	GMR Magnetic chip for Vehicle Magnetic Imaging
Memory:	Micro Serial Flash:3MB
LI-ion battery life:	Up to 21 days before recharge
Computed values:	Imperial or Metric
Capacity:	up to 300.000 vehicles or 21 days per study, whichever occurs first
Communication:	USB or Bluetooth (option)

Performance

Battery/Power:	3.0VDC to 4.2VDC Field replaceable, Lithium-Ion, rechargeable, overcharge protection, 3000 mAH at 23°C Nom 3.70VDC

Accuracy

Length accuracy:	90% of vehicles
Speed accuracy:	90% of vehicles
Count accuracy:	95% of vehicles
Vehicle detection:	vehicles between 8 & 193 KPH

Technical specifications subject to change without notice