MH Corbin NC300 Portable Traffic Analyzer

Benefits

- Portable sensor detects vehicle count, speed, and classification
- Can be installed and removed in minutes
- Less noticeable to traffic, which results in more accurate information

Features

- Accurately measures vehicle count, speed, and classification
- Individual vehicle recording allows infinite binning capabilities
- Durable extruded aluminum housing
- Long life, rechargeable, Lithium-Ion battery
- Connects to any computer for easy data retrieval
- Easy to use software for viewing data
- Software allows you to change binning parameters after the study

Overview

The MH Corbin NC300 Portable Traffic Analyzer is designed to provide even more accuracy in measuring counts, speeds, and vehicle lengths. As with the NC200, 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.

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Technical Data

General

Housing Material	Extruded/anodized aluminum
Ultimate Bearing Strength	88,000 psi (607 Mpa)
Dimensions	181 x 118 x 12.7 millimeters (7.125 x 4.625 x 0.5 inches)
Weight	0.59 Kg (1.3 lbs)
Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Sensor	GMR Magnetic chip for Vehicle Magnetic Imaging
Memory	Micro Serial Flash: 3MB
Battery/Power	Lithium-Ion rechargeable (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

Applications

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

Performance

Battery/Power	Lithium-Ion Rechargeable 3.0VDC to 4.2VDC 3000 mAH at 23°C Nom 3.70VDC (Up to 21 days on single charge) Automatic Overcharge protection Field replaceable battery
Length Accuracy	+/- 4 ft, 90% of vehicles
Speed Accuracy	+/- 4 mph, 90% of vehicles
Count Accuracy	+/- 1%, 95% of vehicles
Vehicle Detection	Vehicles between 8 and 120 MPH (13 and 193 KPH)

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