

NiteStar® Distance Measuring Instrument

HIGHWAY INFORMATION SYSTEMS



RECORDS DISTANCES AND COORDINATES AS YOU DRIVE

The NiteStar Distance Measuring Instrument (DMI) from MH Corbin is designed to complete an average survey using just four keys. The device records distances for logging points along a given route, and gives you linear distances with a high degree of accuracy. It is easy to use and displays measurements right in your vehicle.

Measures distances on highways or guardrails, telephone pole spacing, gas pipelines, E-911 addressing, TV cable length, even the length of crop fields! Can also be used for roadway inventories, traffic studies, cable line mapping, plant engineering, railway length, accident reconstruction or traffic monitoring. Calculate volume amounts and costs for materials like asphalt, concrete and sand. Compute distances and areas using a vehicle's speed and the distance traveled. Slimline design for easy mounting. Back-lit LCD panel has three brightness adjustments for easy viewing, kph, status, four-digit distance interval, and six-digit distance.

MODEL
NS50
NS60



MH CORBIN
Highway Information Systems

NiteStar® Distance Measuring Instrument

- Measurements are displayed in real-time
- Displays distance intervals between point of interest
- Extensive internal memory for data storage and export
- Easy to install and use
- Optional SDM software allows for easy organization, viewing and reporting collected data.
- Inventory data and coordinates are stored in a single file
- Customizable key definitions for user or application

TECHNICAL DATA AT-A-GLANCE

Power	9 to 16VDC, negative ground 90mA @12V	Calibration	Four vehicle memory
Accuracy	Up to 1 foot/mile*	Pre-Distance	Capable of starting at a known distance
Speed Sensor	SS10, OBDII, or GPS	Output Pulse	0 to 5 VDC (low going high)
GPS Receiver	WAAS enabled (NS60)	Error Correction	Compensates for sensor error due to vehicle dynamic motion
GPS Accuracy	+/- 6 ft.	Material Calculation	Area, volume, tonnage, cost
Resolution	1 foot (1 meter)	Interval Counts	Elapsed distance from last mark, Begin/end accumulation
Display	LCD - 3 brightness settings 6-digit distance, 4-digit interval, 3-digit speed	Output Channel	One 0 to 5 VDC digital
Indicators	Up/Down arrow, AEC, Code, Mark, Count, Hold, Display Hold, Calibrate	Input Channel	One 8-bit 0 to 5 VDC analog, One 0 to 5 VDC digital
Keypad	LED - 3 brightness levels, 15 key touch-tell	Communications	RS232 in/out (NS60), selectable baud rate (300-600-1200-2400-4800-9600)
Speed	0 to 199 (kph, mph, fps)	Memory	0 to 99 locations, NS60 - Unlimited, 20 preset plain language events
Distance Conversion	Feet, Miles, Kilometers	Dimensions	7.5 x 2.22 x .88 in. (19 x 5.7 x 2.2 cm)

Distributed by:

MH Corbin, LLC

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General details for this product are subject to change without notice to reflect improvements and upgrades. MH Corbin, LLC warrants this product against defects in materials and workmanship under normal use for a period of ONE (1) YEAR from the date of purchase.

**Accuracy is dependent upon vehicle and sensor combination. Call for recommendations.*