



MigmaDSFB™ - Migma Radar Sign

with data recording and free data downloading



Specification

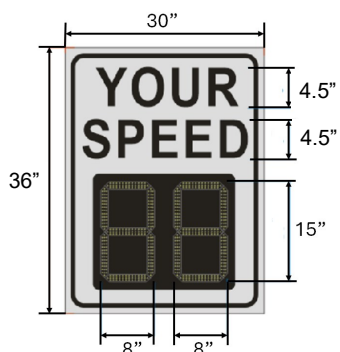
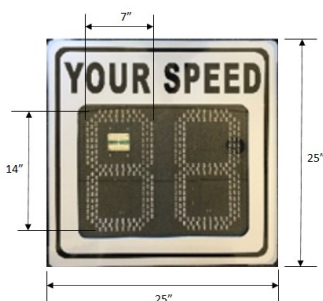
△ Radar Frequency	24.125GHz
△ LED Brightness	≥ 6000 cd (auto-adjusted via photocell)
△ Visible Distance	≥ 1,200 ft
△ Viewing Angle	± 60°
△ Accuracy	± 1 MPH
△ Stealth Mode	Yes
△ Enclosure Protection	Aluminum (IP65, waterproof)
△ Material	Powder coated aluminum & PVC
△ Operating Temp	-40°F — +185°F
△ Operating Humidity	5% — 95%
△ Operating Time	30 rainy days after fully charged
△ Display Color	Amber (steady, flashing)
△ Digit Dimension	See below
△ Frame Dimension	See below
△ Solar Panel	50W
△ Battery	Lithium battery, 100W
△ Programming	Yes through Excel
△ Data Recording	Yes and data in Excel format
△ Free Downloading	Data are downloaded to a laptop in a vehicle parked nearby through a USB Wi-Fi router

Migma Systems has developed a solar radar speed feedback sign, namely, Radar Sign, using modular components. Instead of using one large battery and one large solar panel, which often requires special pole for mounting, Migma Radar Sign utilizes dual solar panels and dual batteries, which are light in weight. Moreover, the entire unit can be mounted to a 2" square post, reducing the cost of expensive poles. Each of dual solar panels can also be adjusted independently to make it possible to charge the batteries both in the morning and in the afternoon, which is hard to do for system with single solar panel.

Migma Radar Sign can also record the vehicle data which can be downloaded wirelessly to a laptop over MigmaNet which is totally free for customer to use. For each vehicle passing through, the following data items are recorded or reported:

- average vehicle count
- total vehicle count
- average speed
- average number of speed violations
- total number of speed violations
- minimum and maximum speed
- 85th percentile speed

Data in one day are recorded in an Excel file which is stored in an onboard memory card. A portable wireless USB Wi-Fi router comes with this radar speed feedback sign, which can be used to wirelessly connect laptop in a vehicle parking nearby with the radar speed sign.



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