



# MigmaDSFB™ - Migma Radar Sign

with data recording and free data downloading



## Specification

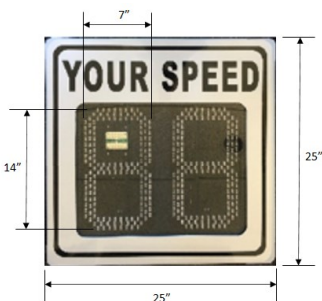
- ▲ Radar Frequency            24.125GHz
- ▲ LED Brightness            ≥ 6000 cd (auto-adjusted via photocell)
- ▲ Visible Distance            300 ft
- ▲ Viewing Angle              ± 60°
- ▲ Accuracy                    ± 1 MPH
- ▲ Enclosure Protection      IP65 (waterproof)
- ▲ Material                     Powder coated aluminum & PVC
- ▲ Operating Temp            -40°C — +70°C
- ▲ Operating Humidity        5% — 95%
- ▲ Operating Time            20 rainy days after fully charged
- ▲ Display Dimension        14" H, 7" W, 2 digits
- ▲ Display Color              Green (below limit), Red (over limit)  
Amber (steady or flashing)
- ▲ Frame Dimension         25" H x 25" W x 3.5" D
- ▲ Solar Panel                 Dual, 50W and 30W
- ▲ Battery Capacity          Dual, 20Ah each
- ▲ Data Recording            Yes and data in Excel format
- ▲ Free Downloading         Data are downloaded to a laptop in a  
vehicle parked nearby through a USB  
WiFi 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:

- timestamp of the moment vehicle is sensed by radar sign
- vehicle counts of vehicles passing the radar sign
- lowest speed of the passing vehicle in radar sensing range
- highest speed of the passing vehicle in radar sensing range

Data in one day are recorded in an Excel file which is stored in an onboard memory card. A portable wireless USB WiFi 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.



Time	Counts	Lowest Speed	Highest Speed
1	12:57:34	1	10
2	12:58:35	2	12
3	13:00:40	3	10
4	13:00:08	4	10
5	13:00:08	4	10
6	13:04:06	5	10
7	13:15:52	6	12
8	13:17:52	7	10
9	13:17:33	8	11
10	13:20:01	9	10
11	13:20:47	10	10
12	13:27:32	11	10
13	13:29:56	12	10
14	13:31:34	13	10
15	13:41:07	14	10
16	13:48:59	15	10
17	13:58:59	16	10

**Corporate Headquarters**  
Migma Systems, Inc.  
1600 Providence Highway  
Walpole, Massachusetts 02081

**Contact Information**  
Web: <http://www.migmapd.com>  
Sales: [sales@migmapd.com](mailto:sales@migmapd.com)  
Support: [support@migmapd.com](mailto:support@migmapd.com)  
Phone: 508-660-0328  
Fax: 508-660-0288

