



MigmaDSFB™ Model V

for Wireless Vehicle Detection on Roadway



The continuously flashing beacons may not necessarily attract driver's attention because they are always on and drivers get used to them already. In addition, they flash 24/7, day and night, even when there are no vehicles or pedestrians on the streets, which might also introduce the visual noises to the residents living nearby.

Migma Systems has developed an alternative product, Distributed Sensing Flashing Beacon (DSFB) Model V, where V stands for *vehicle*. The sensor receiver is embedded inside the housing of flasher, drawing power from solar panel and solar battery. Using solar-powered detector, it flashes only when vehicles are detected within certain distance (up to 1500 ft) to the flasher. Otherwise, it is off! When the vehicles are approaching to it, the beacon flasher starts flashing and alerts vehicle drivers.

Specification

Beacon Flasher

△ Diameter	12"
△ LED Quantity	138
△ Luminous Intensity	≥ 4000 cd
△ LED Lifetime	5.5 Years
△ Visual Distance	≥ 1600 ft
△ Operating Time	10 rainy days after fully charged
△ Dimension	15"x5"x14"
△ Weight	18 lb.
△ Enclosure Protection	IP65
△ Material	UV-stabilized polycarbonate
△ Flashing Mode	Vehicle-activated

Solar Panel

△ Solar Panel Power	20 W
△ Battery Capacity	12 VDC & 20 aH lead-acid battery

Vehicle Detector

△ Sensor	PIR motion sensor
△ Sensing Range	30 ft (sensor to vehicle)
△ Comm Distance	1500 ft (sensor to beacon flasher)
△ Sensor Quantity	Up to 4 sensors simultaneously
△ Sensor Power	Solar panel and 18650 Li-battery

Some vehicle drivers can be easily distracted by devices such as smart phones while driving. These distractions, caused by their devices, are well documented, rising cause of pedestrian and/or vehicle accidents and sometimes fatalities. Migma Distributed Sensing Flashing Beacon can make a difference! (*Patent pending*)



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