

Migma Distributed Sensing Flashing Beacon (DSFB)


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

Migma Systems has developed an alternative product, Distributed Sensing Flashing Beacon (DSFB). The sensor receiver is embedded inside the housing of flasher, drawing power from solar panel or solar battery. Using solar-powered detector, it flashes only when vehicles or pedestrians are detected within certain distance (up to 1500 ft) to the flasher. Otherwise, it is off! As an economic solution, it can also be installed at midblock crossing to automatically trigger the flasher when pedestrians are waiting to cross, without any pushbuttons. If preferred, it can also be configured to flash continuously simply by flipping a switch.

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 for DSFB*.)

Specification

Beacon Flasher

Δ Diameter	12"
Δ LED Quantity	138
Δ Luminous Intensity	≥ 4000 cd
Δ LED Lifetime	5.5 Years
Δ Visual Distance	≥ 1600 ft
Δ Operating Time	10 rainy days after fully charged
Δ Dimension	15"x5"x14"
Δ Weight	14 lb.
Δ Enclosure Protection	IP65
Δ Material	UV-stabilized polycarbonate
Δ Flashing Mode	Vehicle-activated or continuous

Solar Panel

Δ Solar Panel Power	10 W
Δ Battery Capacity	12 VDC & 7 aH lead-acid battery
Δ Solar Panel Size	9"x11"

Vehicle Detector

Δ Sensor	PIR motion sensor
Δ Sensing Range	30 ft (sensor to vehicle)
Δ Comm Distance	1500 ft (sensor to beacon flasher)
Δ Sensor Quantity	Up to 4 sensors simultaneously
Δ Sensor Power	3.5W solar panel and 18650 Li-battery



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

Contact Information
Web: http://www.migmapd.com
Sales: sales@migmapd.com
Support: support@migmapd.com
Phone: 508-660-0328
Fax: 508-660-0288