

# Door Monitor

## DM11 DATASHEET



### OVERVIEW

The DM11 Door Monitor is a wireless, data-logging sensor that detects when doors open and close for powerful visibility and security.

The DM11's easy-to-install design is flexible and can be performed in minutes. It is compatible with roll-up and swing doors and automatically communicates with Samsara IOT Gateways.

Multiple sensors can be deployed in the same environment for increased visibility into multiple access points.

### HIGHLIGHTS

- Instantly detect when doors open and close
- Compatible with roll-up and swing doors
- Lasts for 4-5 years on a single, replaceable AA battery
- Wireless deployment requires no drilled holes or trailer modification
- Waterproof, ruggedized design
- Connects to Samsara IOT Gateways and syncs with Samsara cloud-based platform

## Technical Specifications

|                            |  |
|----------------------------|--|
| <b>Sensor Mechanism</b>    | Magneto-resistive (MR) sensor                                    |
| <b>Use Case</b>            | Monitor opening of roll-up and swing (i.e. hinge) doors          |
| <b>Compatibility</b>       | Integrates with Samsara VG and AG-Series IOT Gateways            |
| <b>Update Frequency</b>    | Real-time  |
| <b>Trigger Sensitivity</b> | Swing Door: 0.5 in distance<br>Roll-up Door: 50 degree angle     |
| <b>Data Upload</b>         | Automatic (zero-touch) wireless data upload via Samsara Gateways |

## Product Specifications

|                              |  |
|------------------------------|--|
| <b>Material</b>              | Polycarbonate  |
| <b>Dimensions</b>            | 8.4 x 5.7 x 1.9 cm (sensor)<br>7.9 x 1.4 x 1.0 cm (magnetic bar)                                 |
| <b>Weight</b>                | 72g  |
| <b>Operating temperature</b> | -40° to 60°C   |
| <b>Battery</b>               | 5+ year battery life. User-replaceable AA battery  |
| <b>Ingress protection</b>    | IP69K rated. Waterproof, dustproof, and protected against high pressure water and steam cleaning |
| <b>Mounting Material</b>     | VHB adhesive and (optional) screws are both included   |