

# Cargo Monitor

## CARGO DATASHEET



### OVERVIEW

The Samsara Cargo Monitor is a data-logging sensor that can be deployed in any type of enclosed container to provide visibility into the presence or absence of cargo.

Wireless design enables installation in minutes and requires no additional setup. The sensor automatically communicates with Samsara IOT Gateways.

Multiple sensors can be deployed in the same environment for increased visibility into multiple cargo areas.

### HIGHLIGHTS

- Monitor empty and loaded cargo status
- Compatible with one or multi-zone trailers/containers
- 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

|                  |   |
|------------------|---|
| Sensor Mechanism | Infrared - 0.5 to 15 feet   |
| Compatibility    | Integrates with Samsara VG and AG-Series IOT Gateways                           |
| Update Frequency | Every 10 minutes (data stored locally and streamed live based on gateway power) |
| Data Upload      | Automatic (zero-touch) wireless upload via Samsara Gateway                      |

## Product Specifications

|                         |  |
|-------------------------|--|
| Material                | Polycarbonate, PMMA                                  |
| Dimensions              | 10.2 x 5.0 x 2.1 cm <sup>3</sup>                     |
| Weight                  | 69g  |
| Operating temperature   | -40° to 60°C   |
| Battery                 | 4-5 year battery life. User-replaceable AA battery   |
| Sleep Power Consumption | 21 uA  |
| Ingress protection      | IP67 rated. Waterproof and dustproof                 |
| Mounting Location       | Ceiling mount  |
| Mounting Material       | VHB adhesive and (optional) screws are both included |

## Hardware Spec

