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Cargo Monitor

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 cm³
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