ORBCOMM®

WHERE IoT POWERS ASSET INTELLIGENCE™

DS 300

Track asset access with ease.

ORBCOMM's wireless door sensor delivers enhanced visibility of trailer and container operations and improved cargo security. It detects when doors open or close, enabling fleet operators to know if the cargo area is being accessed as scheduled and react quickly to unexpected openings.

Hassle-free installation
No wires means it's easy to install, making it the ideal fit for large deployments. Get up and running faster with our intuitive Field Support Tool mobile app for device configuration and support.

Ruggedized
Built IP67-rated to withstand harsh operating environments with dust, humidity, water, shock and vibration for reliable reporting virtually anywhere.

Around-the-clock monitoring
Receive alerts when unexpected door events occur, openings take place outside geofence locations or when a sensor is damaged.

Enhanced cargo security

Durable

Part of a comprehensive solution

Quick and wireless installation

Up to five years of reporting

Mobile app support for simple configuration

Specifications

Compatibility
- CT 1000
- ST 9100
- GT 1100
- GT 1200
- AG 400

Environmental conditions
- Operating temperature: -40 °C to +85 °C
- Dust and water ingress: IP67
- Vibration: SAE J1455 (Sec 4.10.4.2 figures 6-8)
- Shock: MIL-STD-810G (Sec 516.6 procedure I, Section 2.3.2c)

Communications
- Bluetooth Low Energy (BLE) version 4.0
- Low power, short range protocol using 2.4GHz band

Mechanical
- Dimensions: 102 mm x 64 mm x 15 mm
- Weight: 97g

Power
- Lithium battery with 1000 mAh capacity
- Up to 5 years of operation

Ordering details
- ST100687-001 – Door sensor with mounting bracket required for rolled doors
- ST100547-001 – Door sensor

Certification and compliance
- CE Mark:
  - *EN 301 489-17*
  - *EN 301 489-1 (EMC)*
  - *IEC 62368*
- FCC regulation: 47 CFR 15
- Industry Canada
  - *ICES-003*
- RoHS
- GAMP 5[1]

1 – When used in combination with the MX2

A sample DS 300 deployment

Email: **sales@ORBCOMM.com** | Call: **1-800-ORBCOMM**

Visit our website **www.ORBCOMM.com**

ORBCOMM is a global leader in industrial IoT, delivering visibility, intelligence and efficiency to the world's most critical operations. With 30 years of innovation and more than 2.4 million connected devices, we transform data into actionable insights, driving greater efficiency, safety, resilience and sustainability. Serving customers that include the world's largest shipping lines, over-the-road trucking fleets, cold-chain transportation fleets and a global network of IoT solution provider partners, ORBCOMM is where IoT powers asset intelligence.

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