ORBCOMM®

WHERE DATA DRIVES DECISIONS

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 and maintenance
No wires means it's easy to install, maintain and repair, 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.

Ruggedised
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.

Long service life
Up to five years of reporting without having to change batteries for minimal upkeep.

Enhanced cargo security

Durable

Part of a comprehensive solution

Quick and wireless installation

Long battery life

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

For more information on our solutions or to book a demo, email us: sales@ORBCOMM.co.kr

Visit our website **www.ORBCOMM.co.**kr

CALL: 82.2.3444.7311   **EMAIL:** SALES@ORBCOMM.CO.KR   **VISIT:** WWW.ORBCOMM.CO.KR