



WHERE DATA DRIVES DECISIONS

## Datasheet



## 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<sup>1</sup>

1 – When used in combination with the MX2



A sample DS 300 deployment

*Although we strive to ensure accuracy in all of our published specifications, actual field performance can vary depending on a variety of environmental, installation and usage factors, as well as third-party factors such as cellular providers. The specifications listed are approximations, and do not constitute binding statements or modify the terms and conditions of purchase or lease including, but not limited to, product operational limitations and warranties. All specifications are subject to change without notice. Please check [www.orbcomm.co.kr](http://www.orbcomm.co.kr) to ensure you have the latest version of these specifications.*

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

Visit our website [www.ORBCOMM.co.kr](http://www.ORBCOMM.co.kr)

코리아오브컴(주)

글로벌 저궤도 위성통신사업자인 미국 ORBCOMM Inc. (NASDAQ: ORBC)와의 라이선스 계약을 체결하여, 오브컴 위성과 육상기반시설을 이용하여 기기 간 통신서비스(IoT: Internet of Thing)를 제공하는 기간통신사업자입니다. 코리아오브컴(주)는 전 세계 가입자를 대상으로 IoT에 특화된 통신서비스를 합리적인 가격에 제공하고 있습니다.

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