



BTBS03D DOOR SENSOR

The BTB02 M2S Door Sensor is a compact, high-performance solution designed to deliver precise visibility into trailer door activity and monitoring of door and window status across residential, commercial, and industrial environments. Powered by the Nordic nRF52 series chipset and Bluetooth Low Energy (BLE) technology, this sensor delivers reliable real-time alerts, data logging, and remote visibility with long-range connectivity and up to 8+ years of battery life.

Body: 77mm x 27mm x 25mm

Magnet: 40mm x 15mm x 15mm

The Door Monitor enhances trailer and container security by providing continuous visibility into door status throughout transit. Using precise sensors and BLE 5.0 connectivity, it detects every open and close event and transmits real-time alerts to a mobile device or in-vehicle gateway. This enables fleet operators to confirm scheduled access to cargo areas and respond immediately to any unauthorized entry.

- 2600mAh replaceable battery (ER14505)
- Up to 150m transmission range (line-of-sight)
- Data logging + real-time monitoring for visibility and analysis
- Powered by Nordic nRF52 series chipset for stable BLE performance
- Accurate open/close detection for doors, windows, drawers, and more
- IPX4 waterproof for light outdoor and industrial environments
- Compact, modern design—small, discreet, and easy to install anywhere
- Flexible for multi-industry use cases, including logistics (e.g., trailer doors)

General Features

Connectivity:	BLE 5.0
Dimensions:	77mm x 27mm x 25mm (Body) 40mm x 15mm x 15mm (Magnet)
Color:	White
Material:	PC
Weight:	30g
Sensor:	Hall effect sensor
Detection threshold:	25mm(1 inch)
Battery capacity:	ER14505(3.6V) 2600mAh Replaceable
Battery lifespan:	Up to 8 years
Operating temperature:	20°C to 60°C
Waterproof:	IPX4
Transmission range:	150m/490 feet (without obstacles)
Installation:	3M sticker Holder with screw
Certification:	FCC CE RoHS REACH



Application Scenarios

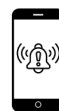
- Enhanced Cargo security
- Door status monitoring
- Real-time alerts for doors open/close status
- Improved cargo protection



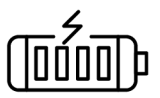
**IP68
Waterproof**



**Hassle-free
installation**



**Real-time
alerts**



**Long
Lifespan**

**It is important to note that BTBS03D Door sensor is exclusively compatible with BeWhere's BeSol+ and BeWired+ which functions as a gateway device for data transmission. This creates a connected network of devices that supports efficient asset monitoring, improved visibility, and streamlined operations.

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