

WeR@Home+™

S5 Door/Window Sensor

Door/Window Magnetic Sensor with Shock Detection



A door/window magnetic sensor with option shock detection integrated with WeR@Home+. Features include:

- Open/close door/window magnetic sensor controlled by mobile app
- Optional shock and vibration detection
- Full and partial arm modes for multiple indoor perimeters, with entry delay capability.
- A sleep device to preserve battery life
- Two elements: a transceiver and a magnet
- Dual LED for different indications
- Tamper detection for notification of tamper events
- Supports automatic over-the-air software programming and configuration upgrade (RSU)
- Efficient power consumption to extend the operational period
- Easy installation: double-sided adhesive tape, or with screws for more flexibility in choosing an installation location



The WeR@Home™ suite allows living life fully through smart connected homes

- Home security and safety at the core
- Notifications of security events and remote management of the home in real time
- Reliable communications – LTE cellular and Ethernet enabled. Wi-Fi coming soon.
- Expandable – manage connected home devices with Z-Wave®
- Smart Rule engine for automation – decide which device, condition, or event will trigger which actions and at what time
- Live HD video – anytime, on any screen
- Save energy and money by ensuring that lights and air conditioning are turned off when not at home

SPECIFICATIONS



COMMUNICATIONS

- **Maximum RF range:** 500 m (1,640 ft.) open air
- **Maximum transmission:** 25 mW (14 dBm)
- Proprietary bi-directional ECOP2 radio protocol
- **Modulation and frequency:** DSSS, 2.4 GHz
- **Data security:** 128-bit AES encryption

SECURITY

- **Nominal detection:** Magnet to transceiver distance:

Side	Close	Open
Left (recommended)	38 mm (1.5 in.)	43 mm (1.7 in.)
Right	26 mm (1.0 in.)	30 mm (1.2 in.)

- **Visual LED indications:** Close - Green, Open - Red
- **Tamper mechanism:** Removal tamper
- **Shock and vibration detection:** Adjustable sensitivity

POWER

- **Battery:** Two AAA 1.5 V alkaline batteries
- **Battery life:** Three-years

DIMENSIONS

- Sensor:
 - **Size (H x W x D):** 65 x 32 x 23 mm (2.6 x 1.3 x 1.0 in.)
 - **Weight:** 125 g (0.28 lb.), 20g (0.04 lbs.) without batteries
- Magnet:
 - **Size (H x W x D):** 35 x 11 x 7 mm (1.4 x 0.43 x 0.28 in.)
 - **Weight:** 5 g (0.01 lbs.)

ENVIRONMENT

- **Storage ambient temperature range:** -20°C to 70°C (-4°F to 158°F)
- **Operating ambient temperature range with battery:**
-10°C to 55°C (14°F to 131°F)
- **RF operating humidity:** up to 95% non-condensing at 50°C

CERTIFICATIONS AND APPROVALS

- Europe:
 - EN 301 489-1
 - EN 301 489-17
 - EN 300 328
 - EN 62368-1
 - CE

PART NUMBER: ES800S5D

