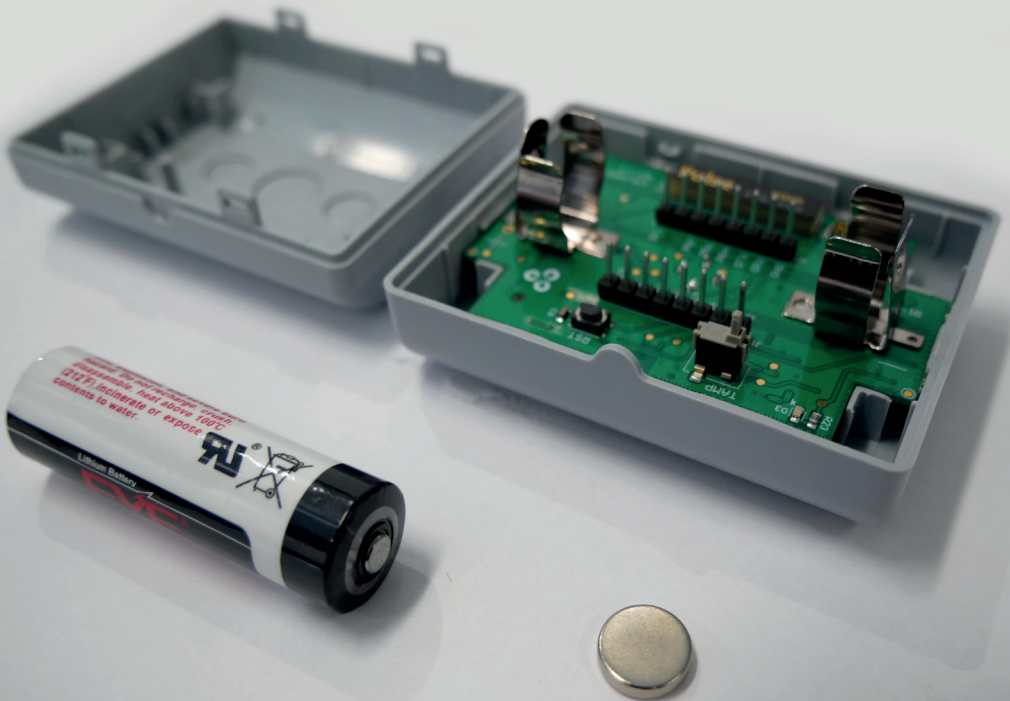




Safer Door SYSTEM

Data Sheet



SAFER DOOR SYSTEM

The door sensor is a battery powered, LoRaWAN device, designed for indoor use.

In conjunction with a small external magnet, the primary functions of the device are:

- To monitor the state of a door, relative to the closed position, and transmit an alert message when the door is in the "open" or "ajar" state for a given time.
- To track and report how often the door has been opened/closed.
- To report ambient temperature/humidity.
- To report battery health.



Technical Specification Chart

Frequency	868MHz
RF Power	14dBm EIRP
Modulation	LoRaWAN™
Network Protocol	LoRaWAN v1.0.3
RX sensitivity	-148dBm, at 10.4kHz, SF12
Battery	3.6V lithium-thionyl chloride (LiSOCl ₂)
Operating temperature range	-10°C < T < +55°C
Antenna	868MHz, ISM, chip
Power supply	Min 3V / Max 3.6V
Consumption in standby mode	30µA (typ)
Dimension	66 x 52 x 27mm
Reference standards	EMC, EN 301 489-3 Radio, EN 300 220-2 Safety, EN IEC 62368-1 Fire Resistance, BS EN 1634-1
Weight	57g
Mounting method	Double-sided tape or screw
Battery run time	Approx 24 months**

**door usage dependant

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