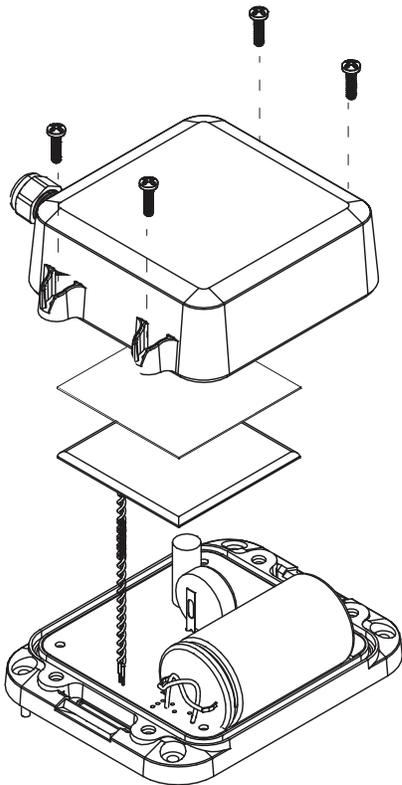


# FlexZone Wireless Gate Sensor (Solar-Powered)

E7EM0202



## Description

The FlexZone Wireless Gate Sensor is an accelerometer-based intrusion detection sensor that detects attempts to open, cut, climb, or otherwise break through a sliding or swinging gate. The sensor module is attached directly to the gate panel with tie-wraps and communicates with a nearby receiver card (installed in a FlexZone processor) over an encrypted wireless link.

The sensor module includes an auxiliary input for monitoring gate contacts.

## Physical Specifications

- Dimensions: (L/W/D): 120 x 95 x 43 mm (4.7 x 3.7 x 1.7 in) (not including auxiliary input cable)
- Weight: 235 g (8.3 oz) (includes battery)
- Cable entry point with compression gland

## RF Specifications

- 128-bit encrypted communications link
- Unlicensed operation in regional ISM band
- RF output power: 17 dBm

## Power Specifications

- Minimum 2 hours sunlight per day to fully charge
- Internal capacity provides 5 days of operation without sunlight and nearly unlimited charge cycles across temperature range

## Environmental Specifications

- Operating temperature:  $-40$  to  $70$  °C ( $-40$  to  $158$  °F)
- Humidity: 100% (condensing)
- Sensor module: All-weather ASA/acrylic casing
- NEMA 4 (IP66) ingress rating

## Regulatory Compliance

- FCC part 15 / IC RSS-247
- ETSI EN 300 220
- EN 50130-4
- IEC 60950-1

