



Care@Home™ Door/Window Sensor



ES700MGLS
Door/Window Magnetic Multi-Sensor

Product

A wireless, indoor, magnetic sensor for any door or window integrated with Care@Home™

Features include:

- Modern, stylish, compact design
- Intruder alert via “open door” alarm and notification
- Local temperature measurement
- Dual LED (Green/Red) for detector status indication
- Two components – a magnetic sensor transceiver and a permanent magnet
- “Universal Transmitter” mode for dry contact input transfer
- Installation with either double-sided adhesive tape or screws

Smart Care

Essence Care@Home™ multi service platform is an Aging-in-Place product suite that offers a seamless health monitoring experience allowing independence for seniors and peace of mind to their loved ones.

Care@Home™ allows service providers the flexibility to offer their customers services ranging from emergency alerting to a professional intelligent home care solution, which constantly learns and adapts to the daily behavior of individuals and provides alerts with different severity levels based on deviation from the daily routine.

The Care@Home multi service platform includes:

- Care@Home PERS + Advanced Emergency Response Alarm
- Care@Home Family Monitoring
- Care@Home Pro Intelligent Home Care Solution

Specifications

COMMUNICATIONS

- **Maximum RF range:** Up to 400 m (1,312 ft.) – open air
- **Protocols:** Proprietary bi-directional radio protocol
- **Modulation and Frequency:** FSK modulation
 - 869.225 MHz (Europe)
 - 868.3 MHz (China)
 - 916.5 MHz (North America and Australia)
- **Data Security:** 32-bit ID, over 4 billion combinations

SECURITY

- **Nominal detection threshold:** Closing distance – 35 mm (~1.38 in.)
Opening distance – 45 mm (~1.78 in.)
- **Visual indications:** 1 green LED for closure, 1 red LED for opening
- **Tamper mechanism:** Double-triggered tamper – cover open and wall tearing

POWER SUPPLY

- **Batteries:** 3 V CR-123A lithium battery
- **Battery life:** Up to 3 years

DIMENSIONS

- **Sizes (H x W x D):**
Magnetic sensor: 98 x 25 x 25 mm – 3.86 x 0.98 x 0.98 in.
Permanent magnet: 46 x 10 x 15 mm – 1.81 x 0.39 x 0.57 in.
- **Weight:**
Magnetic sensor: (battery included) – 45 g (0.1 lbs.)
Permanent magnet: 25 g (0.06 lbs.)

ENVIRONMENT

- **Storage ambient temperature range:** -20°C – 70°C (-4°F – 158°F)
- **Operating ambient temperature range:** -10°C – 55°C (14°F – 131°F)
- **Operating humidity:** Up to 93% non-condensing

COMPLIANCE

- CE, UL, FCC, IC



ESUG05084 Rev. 1.8. For more information, go to <http://www.essence-grp.com/smart-care>

