

Care@Home™



Door/Window Sensor

Door/Window Magnetic Multi-Sensor

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



Care@Home™



Essence Care@Home™ enables families to be confident that their dear ones are cared for, while end-users are able to maintain their independent lifestyle. The award-winning Care@Home™ Multi-Service Platform is an Aging-in-Place product suite that offers seamless home care monitoring indoors and outdoors, allowing independence for seniors and peace of mind to their loved ones. Essence is spearheading a paradigm shift in seniors' Aging in Place experience.



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)
 - 916.5 MHz (North America and Australia)
 - 922.5 MHz (Japan, Singapore, and Thailand)
- **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

- **Battery:** 3V CR123A lithium battery
- **Battery life:** Up to 3 years

DIMENSIONS

- **Size (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:** 45 g (0.1 lbs.) including battery
 - **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

CERTIFICATIONS and APPROVALS

- CE
- FCC
- IC
- UL

PART NUMBER: ES700MGLS