EverGuard™
Indoor Magnetic Sensor

ES700MGLS

Door/Window Multi-Sensor

Product

A wireless, indoor, magnetic sensor for the EverGuard™ system, featuring:

- 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 either by double-sided adhesive tape or with screws

Smart Security

Smart Security systems provide professional grade security with highly dependable and tailored smart solutions that will increase customer loyalty and satisfaction.

- Modular and expandable
- Lifestyle friendly
- Reliable and high quality
- Home control via mobile applications
- Intuitive experience

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Essence Security International Ltd.) could void the user's authority to operate the equipment.

Specifications

WIRELESS
Bi-directional: ECOP - Essence proprietary communication protocol
Maximum RF Range: Up to 700 meters (2296 feet) – open air
Modulation and Frequency: FSK modulation
868.3 MHz (in Europe)
916.5 MHz (in USA, Canada, Mexico, and Australia)
800 MHz (in Israel)
Encoding: 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 close, 1 red LED for open
Tamper mechanism: Double-triggered tamper – cover open and wall tearing

POWER
Batteries: 3V CR-123A lithium battery
Battery life: 3 years

DIMENSIONS
Size:
Magnetic sensor transceiver: L – 98 mm (3.86 in.), W – 25mm (0.98 in.), H – 25 mm (0.98 in.)
Permanent magnet: L – 46 mm (1.81 in.), W – 14.5mm (0.57 in.), H – 10 mm (0.39 in.)
Weight:
Magnetic sensor transceiver: (battery included) – 45 grams (0.1 lbs.)
Permanent magnet: 25 grams (0.06 lbs.)

ENVIRONMENT
Storage ambient temperature range: -20ºC – +60ºC (-4ºF – +140ºF)
Operating ambient temperature range (with battery): 0ºC – 49ºC (32ºF – 102.2ºF)
Operating humidity: Up to 85% non-condensing

CERTIFICATION
CE, UL, cUL, FCC, IC

This device complies with FCC Rules Part 15. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation

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lead-free