



# Care@Home™ Flood Detector



ES700FL  
Early Warning for Developing Floods

## Product

Early warning, wireless flood detector for high-risk areas such as basements, or near air conditioners, washing machines, sinks, and the like.

It features:

- Two connected elements: a wired detector and an RF transceiver
- Efficient power consumption to extend the operational period
- Local temperature measurement
- 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

- **Tamper mechanism:** Double-triggered tamper – cover open and wall removal

### POWER CONSUMPTION

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

### DIMENSIONS

- **Sizes:**  
**Magnetic RF transceiver, without cable:** (H x W x D): 98 x 25 x 25 mm – 3.86 x 0.98 x 0.98 in.  
**Detector:** (H x Diameter): 23 x 50 mm - 0.88 x 1.96 in.
- **Weight:**  
**Magnetic RF transceiver (without cable, with battery):** – 45 g (0.1 lbs.)  
**Detector:** 25 g (0.055 lbs.)
- **Cable length:** 30 cm (11.8 in.)

### 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



ESUG05083 Rev. 1.8. For more information, go to <http://www.essence-grp.com/smart-care>

