



WeR@Home™



Flood Detector Datasheet

ES800FL
Early Warning of Water Leakage
and Flooding

Product

Designed for high-risk areas such as basements, or near air conditioners, washing machines, sinks, and the like.

Features include:

- Dual LED for detector status indication:
 - Red for detection
 - Green when flood diminishes
- Two connected elements:
 - A lightweight detector
 - An RF transceiver
- Efficient power consumption to extend the operational period
- Supports automatic over-the-air software (RSU) programming and configuration upgrade
- Easy installation: double-sided adhesive tape

WeR@Home™ Smart Living

The WeR@Home™ suite allows living life fully through smart connected homes

- Home security and safety at the core
- Notifications of security events and remote management of the home in real time
- Modular and expandable - manage connected home devices with Z-Wave® expansion
- Smart Rule engine for automation – decide which device, condition, or event will trigger which actions and at what time
- Live HD video – anytime, on any screen
- Save energy and money by ensuring that lights and air conditioning are turned off when not at home

Specifications

COMMUNICATIONS

- **Maximum RF range:** 500 m (1,640 ft.) open air
- **Maximum transmission:** 25 mW (14 dBm)
- Proprietary bi-directional radio protocol
- **Modulation and frequency:** DSSS, 2.4 GHz
- **Data security:** 128 bit AES encryption

POWER SUPPLY

- One AA size alkaline battery
- Two years battery life

DIMENSIONS

- **Transmitter**
Size (H x W x D): 72 x 25 x 30 mm (2.8 x 1.0 x 1.2 in.)
Weight: 25 g (0.06 lb.) + 15 g (0.03 lb.) battery
- **Sensor**
Size (H x W x D): 50 x 50 x 22 mm (2 x 2 x 0.9 in.)
Weight: 25 g (0.06 lb.)
- **Cable length:** 50 cm (19.7 in.)

ENVIRONMENT

- **Storage ambient temperature range:** -20°C to 50°C (-4°F to 122°F)
- **Operating ambient temperature range with battery:** 0°C to 50°C (32°F to 122°F)
- **RF operating humidity:** up to 95% non-condensing

COMPLIANCE

- **FCC:** YXG-ES800FL
- **IC:** 11061A-ES800FL



ESUG05058 Rev. 2.2 For more information, go to: <http://www.essence-grp.com/smart-living/wer-at-home>