

Home Automation

- ST812 Flood Detector

Z-Wave Series



EVERSPRING®

Specification Sheet

Features

- Adopt Z-Wave protocol to secure the success of wireless two-way communication
- Easy to install
- Low battery indication
- IP44 water proof
- Special water sensor probe design to prevent false trig
- Z-Wave V5.02
- Z-Wave Certified No. ZC08-09100002(EU), ZC08-11100012(US)
- Beep sound and LED indication
- Certifications:

EN301489-1 V1.6.1 : 2005

EN301489-3 V1.4.1: 2002

EN300220-1: V2.1.1: 2006

EN300220-2: V2.1.2: 2007

EN60950-1: 2001+A11

FCC APRT 15B



Introduction

The Flood Detector consists of a transceiver, flood sensor and 3-meter flood sensor cable. Protect your property from water damage! The Flood Detector is designed to sense the presence of water in basements, yachts and many others residential and commercial applications, providing early warning of developing floods. The Flood Detector is designed so that the transceiver is mounted on the wall and the flood sensor is placed in a location where water presence, such as a result of leakage or flooding, is probable. Upon flood detection, the Detector will beep and flash and report its status to the node ID. Once water is released, it will report to the node ID as well.

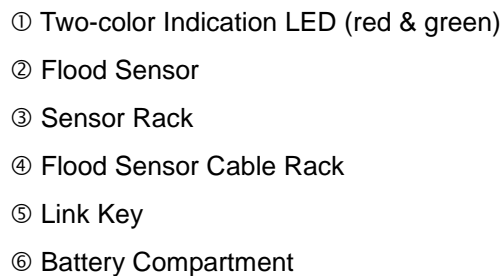
The Flood Detector is powered by 3 x AA 1.5V alkaline battery. When battery level drops below unacceptable level, the Detector flashes red LED once every 30 seconds and reports low battery status to the node ID. When this occurs, the batteries should be replaced as soon as possible.

Specification

Power	Operating Voltage	1.5V AA size x 3
	Standby current	20 uA
	Operating current	40mA
	Low battery voltage	3.4V
	Shut down Voltage	3.0V
RF	Frequency	908.42(USA)/868.42 (EU)/921.42(AU) MHz
	Regulation	FCC part15.249 / EN300 220-1/
	Distance	30M indoor 70M outdoor
Mechanical	weight	169 g (without battery)
	Dimension (W x H x D)	85x85x39 mm
Battery	Battery life	2400mAh
		1 years, @ 25° C standby mode
Environment	Operation Temperature	-10 ~ 40° C
	Humidity	85%RH max

****Specifications are subject to change without notice.**

Dimension and Placement



- Home Automation
- Home Security

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