Home Automation
- ST814 Temperature/Humidity Detector

EVERSPRING

Specification Sheet

Features

- Adopt Z-Wave protocol to secure the success of wireless two-way communication
- Low battery indication
- Configurable auto report time interval
- Configurable temperature trig on/off value
- Configurable humidity trig on/off value
- Support temperature and humidity change report and the value of change rate can be configured
- LED backlight
- Design for table placing /wall mounting
- Beep sound and LED indication
- Z-Wave V5.02
- Z-Wave Certified No. ZC08-09080001(EU), ZC08-11100005(US)
- Certifications:

  EN301489-1 V1.8.1 : 2008
  EN301489-3 V1.4.1: 2002
  EN60950-1: 2001+A11
  EN60950-1: 2006+A11: 2009
  EN300220-1: V2.1.1: 2006
  EN300220-2: V2.1.2: 2007
  part15B:2007

SPEAKS Z·WAVE®

Introduction

The Temperature/Humidity Detector is designed to monitor the current temperature and humidity of ambient environment. The reading of temperature/humidity can be reported to you on a regular base at your disposal.   If temperature/humidity reaches set points, the detector will send alerts to associated devices for further execution. The application example will be like this , Step 1 include both ST814 and ON/OFF Z-Wave module (like AN158 or AN157, HAN01…) into a Z-wave controller, Step2 associate ST814 to the ON/OFF Z-Wave module   Step3 connect the power wire of the heater or humidifier to the ON/OFF Z-Wave module and this simple 3 step will let user easy to control the temperature or humidity of the room automatically Since sudden temperature/humidity change may cause health problems to people such as elderly or very young children, Temp./Humid. Detector provides you most up-to-date temperature and humidity reading for you to watch your family's health.
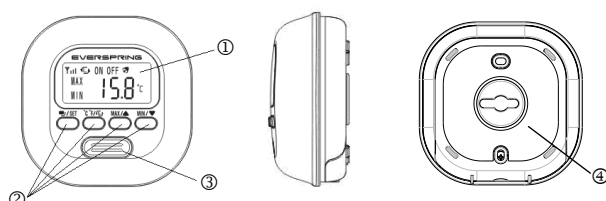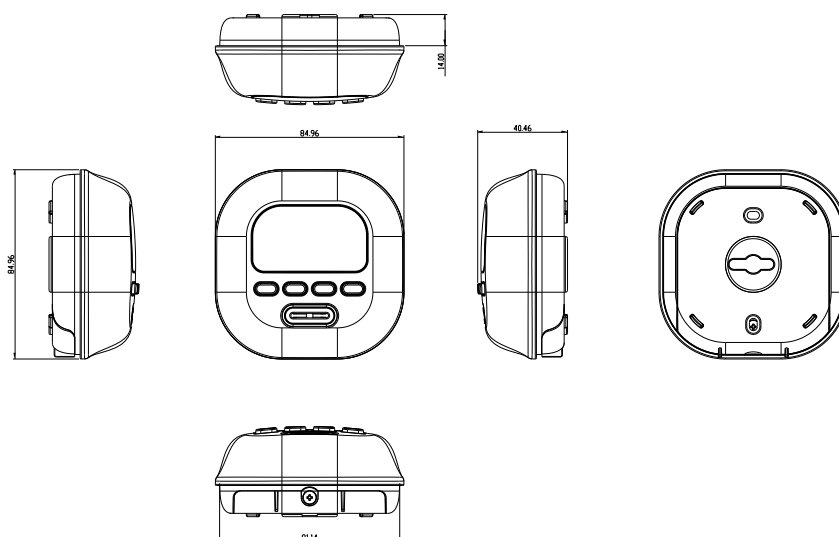
Specification

Power	Operating Voltage Standby current Operating current Low battery voltage Shut down Voltage	1.5V AA size x 3 70 uA 45mA 3.4V 3.0V
RF	Frequency Regulation Distance	868.42 (EU) / 908.42(USA) FCC part15.249 / EN300 220-1/ 30M indoor 70M outdoor, Up to 30 meters line of sight (indoor)
Mechanical	weight Dimension (W x H x D)	121g (without battery) 85x85x40.5 mm
Battery	Battery life	2400mAh 1 year
Environment	Operation Temperature Humidity	-10 ~ 50° C 85%RH max

**Specifications are subject to change without notice.

Dimension and Placement

Unit: mm

① LCD Screen	
② Function Keys	
▬/SET	Select modes/Change setting
℃ ℉/⬚	Select temperature unit/Linking
MAX/▲	Increase settings, displays max. temperature/humidity or enable RF & beep tone
MIN/▼	Decrease settings, displays min. temperature/humidity or disable RF & beep tone
③ Temperature/Humidity Sensor	
④ Mounting Bracket	

Application:
Home Automation

Home Security

Energy Saving

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