Remote Temperature Sensor

Package Contents

- Self-powered Wireless Remote Temperature Sensor

Tools Required

- Screwdriver
- Leveling tool
- Light meter

Product Description

The Verve Remote Temperature Sensor provides energy savings by detecting when a door or window opens or closes.

It is a wireless solar-powered sensor that can be used on its own to detect the open and closed status of entry doors or windows, or it can be linked with occupancy sensors to more accurately track when a room is occupied or vacant.

The sensor is easy to install on door and window frames, and virtually anything indoors that opens and closes.

Features Include:

- Sends wireless message to other devices whenever a door or window opens or closes
- Harvests ambient solar energy to power the sensor and send wireless communication
- Mounts easily on standard doors or windows
- Works with motion sensors to track room occupancy
- Supplemental battery option for extreme low-light conditions

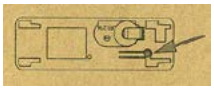
Specifications

Power Supply	Indoor light energy harvesting (Optional) Supplemental battery
Transmission Range	80 ft. (25 m)
RF Communications	EnOcean 315 MHz or 902 MHz
Charge Time before Linking	4 minutes @ 200 lux
Light Required to Sustain Operation	50 lux for 30 transmissions/hour 100 lux for 60 transmissions/hour
Charge Time for Full Charge	20 hours @ 200 lux (after startup) 40 hours @ 200 lux (cold start)
Operating Life in Darkness (after full charge)	4 days: heartbeat only 3 days @ 10 actuations/hour 5 years (w/ battery)
EEP (EnOcean Equipment Profile)	A5-02-05
Dimensions (Sensor)	3..125" L x 1.00" W x 0.75" H (80mm x 25mm x 19mm)
Transmission Cycle	Wake-up cycle: 100s (fixed) Transmission if temperature change of > ±0.5K (±1F) detected Redundant retransmission, every 7-14th wake-up, affected at random
Environment	• Indoor use only • 32° to 131° F (0° to 55° C) • 5% to 95% relative humidity (non-condensing)
Agency Compliance	902 MHz Contains FCC: SZV-STM311U IC: 5713A-STM311U 315 MHz Contains: FCC: SZV-STM311C IC: 5713A-STM311C

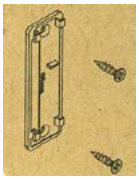
Installation

To access the LINK button or add a battery (optional), separate the bottom mount from the sensor body.

Linking - the LINK button is located inside the sensor



Mounting - Screw-in or Use Adhesive (included)

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