EM01B Websensor

Indoor and HVAC Monitoring Anytime

Key Features

- Monitors Temperature, Humidity, and Light
- Alert Notification by Email, Text Messaging, etc
- Highly accurate digital sensors with no calibration required
- Free data logging software and Open Source plugins
- 48 Hours Intensive Stability Testing on each unit
- 1 Year Warranty
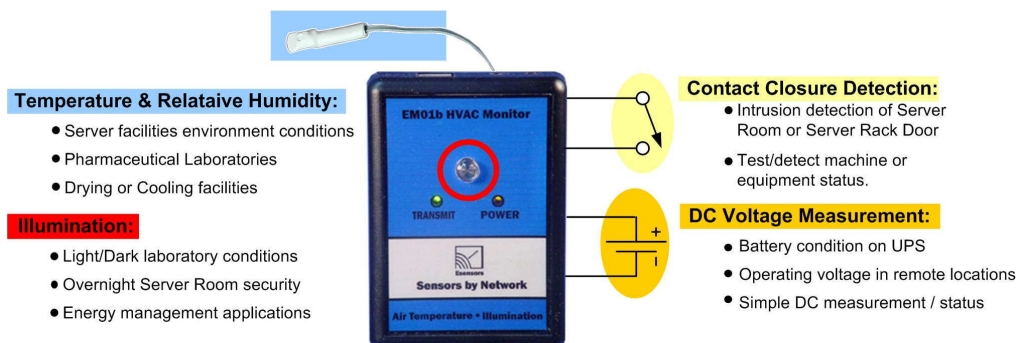- Expandable with multiple accessories

Overview

EM01B Websensor is an environmental sensor that provides accurate measurement of temperature, relative humidity and light over a network.

The EM01B easily connects to your local network for real-time data logging and historical trending. If the temperature, humidity or light intensity goes beyond a preset threshold, an alert will be sent to any number of recipients through email, cell phone, or pager.

Websensors are web-enabled devices and allow you to check on your facility 24 hours a day, 7 days a week. Our technology enables you to be informed on issues quickly, effectively and efficiently before they escalate into bigger problems.

The Websensor is expandable with plug and play accessories including the ES11 Flood Sensor. The flood sensor can detect water leakage or impending flood situations and inform you before it becomes a catastrophe.

Temperature & Relataive Humidity:
- Server facilities environment conditions
- Pharmaceutical Laboratories
- Drying or Cooling facilities

Illumination:
- Light/Dark laboratory conditions
- Overnight Server Room security
- Energy management applications

Contact Closure Detection:
- Intrusion detection of Server Room or Server Rack Door
- Test/detect machine or equipment status.

DC Voltage Measurement:
- Battery condition on UPS
- Operating voltage in remote locations
- Simple DC measurement / status

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Sample Application Areas

- Computer server room & data center
- Laboratory
- Art gallery

- Cold Storage
- HVAC System
- Greenhouse
- Warehouse

- Library
- Hospital
- Medical and Pharmaceutical

Specifications

	EM01B-STN	EM01B-THM	EM01B-VLT
Type	Contact closure detection	External thermistor interface	DC Voltage measurement
Feature	Normally closed contacts (magnetic, switch, relay contacts)	Thermistor range from -50ºC to 150ºC with accuracy of ±1ºC at room temperature	Supports 0-18V DC input voltage
Dimensions	3.6" x 2.6" x 1.1"		
Weight	6 oz		
Accuracy	Temperature: ± 0.2 ºC at room temperature Relative Humidity: ± 3% Illumination: N/A (un-calibrated)		
Range	Temperature: -40 ºC - 123.8 ºC Relative Humidity: 0.1% to 99.9% Illumination: 0.0 to 999.9		
Power Rating	9-12V DC Input (Worldwide power supply provided)		

Accessories

ES11 Flood Sensor detects moisture on floor as precursor to potential flood conditions