

# X-DTHS-WM: Digital Temperature/Humidity Sensor

## Installation Instructions:

1. Before mounting the enclosure to the wall, remove the cover from the enclosure. Thread the appropriate wire through the opening in the back, and connect each wire lead (Data, Gnd, and +5V In). Replace the cover.

*Note: Sensors can be individually enabled or disabled using the jumpers provided. By default, both sensors are enabled.*

2. Mount the digital temperature/humidity sensor enclosure to the wall using two screws. Attach the screws to the wall, vertically spaced 2.35 inches (5.98 cm) apart. The head of the screws should be about 1/8 inch (3.18 mm) away from the wall. The vents on the enclosure should face vertically.
3. To secure the wall mount, rotate the enclosure clockwise until all sides are properly aligned.



## Temperature/Humidity Sensor Setup:

1. Once a sensor is connected to a compatible device, it needs to be associated with a sensor address. This address identifies the name, location, and function of the sensor. Humidity sensor addresses will end with the numbers 29, and temperature sensors will end with the numbers 28.
2. From the setup pages, select the Sensors tab, or click the Refresh List button while in the Sensors tab. This will scan the bus for connected sensors. The address of the sensors found on the bus are shown in the drop-down list. For each sensor, select the appropriate address from the Sensor Address drop-down list.
3. When a sensor is selected; Sensor Description, Alarms, Deadband, Email, and other options can be configured. For more information about how to configure these options, consult the users manual for the device.

## Specifications:

Digital Temperature Sensor:  
Temperature Range: -40°C to +65.5°C  
Accuracy:  $\pm 0.5^\circ\text{C}$  (from -10°C to +65.5°C)

Digital Humidity Sensor:  
Humidity Range: 0-100% RH  
Accuracy:  $\pm 1.8\%$

Operating Voltage: 5V DC  
Communications Protocol: 1-Wire®

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