



# Wireless Humidity Sensor

## Description

The IMS-4211 Wireless Humidity sensor provides remote humidity monitoring without running wires. Data is sent from the sensor to the IMS-4200 Wireless Node via an integrated 2.4GHz wireless radio. The device can transmit its signal up to 250' indoors and even greater distances when it has line-of-site. The IMS series of wireless sensors also feature mesh networking technology, which allows each sensor to be used as either a wireless sensor/router or as a low-power battery operated sensor (also referred to as an end device). When used as a router, greater distances can be realized because each sensor/router adds another 250' of range to the system. The sensor comes with 3 AA alkaline batteries which will power the sensor for up to 2 years (end device mode). An optional plug-in power supply is also available, in which case the batteries function as backup power if main AC power fails (power supply required for router mode).

## Specifications

**Operating Temperature Range:**  
32° to 95°F (0° to 50°C)

**Operating Humidity Range:**  
0-95% RH

**Sensor type:**  
Solid state ic

**Accuracy:**  
± 3%

**Power Requirements:**  
(3) AA Batteries / 5VDC Power Supply (Router Mode)

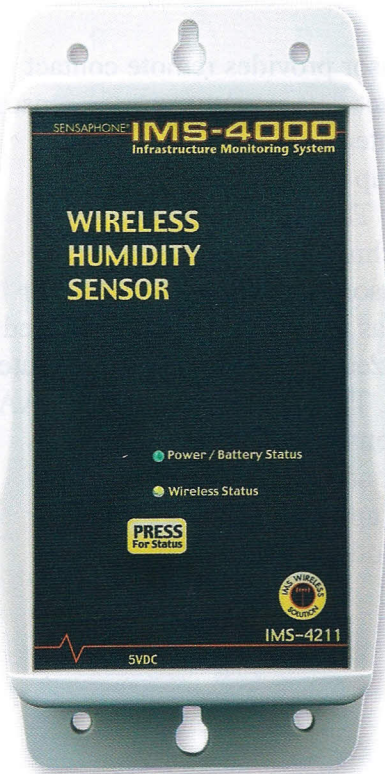
**Wireless Technology:**  
ISM 2.4GHz, 100 mW (20dBm)

**Housing:**  
White plastic

**Size:**  
6.8" x 3.5" x 1.5"

**Compatibility:**  
IMS-4000 Wireless Node

*\*Specifications subject to change without notice*



### Package Contents

- (1) Humidity sensor
- (2) Plastic drywall anchors
- (2) #6 Metal tapping screws

