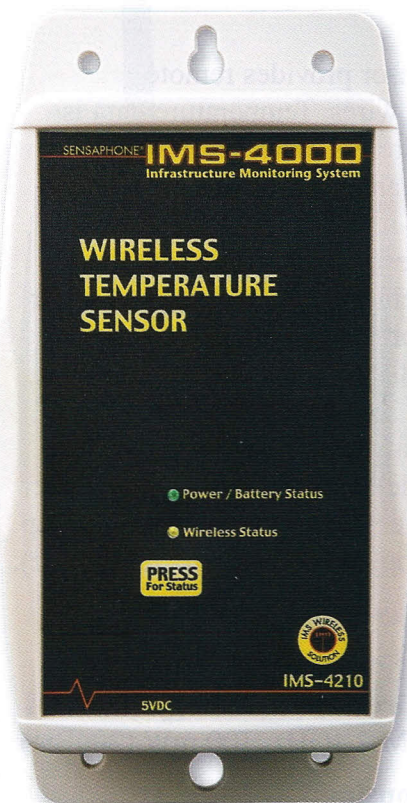




Wireless External Temperature Sensor

Description

The IMS-4210-E Wireless External Temperature sensor provides remote temperature monitoring without running wires. The sensor includes an external probe with 12' of wire and is intended for monitoring temperatures in refrigerator/freezers or other harsh environments. Temperature 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).



Package Contents

- (1) Wireless Temperature Sensor
- (1) External temperature probe
- (3) AA Alkaline batteries
- (2) Plastic drywall anchors
- (2) #6 Metal tapping screws

Specifications

Operating Temperature Range:

32° to 122°F (0° to 50°C)

Monitoring Temperature

Range:

-109° to 115°F (-85° to 57°C)

Operating Humidity:

5–90% RH

Sensor type:

2.8K Thermistor

Accuracy:

± 1.8°F (1.0°C)

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*

