Now you can monitor conditions around the computer room without running cables. The IMS-4000 Wireless Sensor Node is a fully compatible IMS device that allows you to monitor a variety of environmental conditions from wireless sensors. This technology includes full analog capability, so real world values can be monitored.

**Sensors**

The Node can accept up to eight wireless sensors including temperature, humidity, water detection, and power failure. In addition to the wireless sensors there are also two interface modules; a 4-20ma wireless module and a Dry Contact wireless module. These allow you to connect to existing equipment or sensors and transmit their status back to the Node. Each sensor becomes part of a private wireless mesh network with the Node, allowing for greater range and reliability.
## Wireless Temperature Sensor
Includes a built-in sensor to measure ambient temperature between 32°F and 115°F. Can operate up to 2 years on AA batteries as an end-device sensor or use the AC adapter for mesh networking (AA batteries provide several hours of backup power in mesh-networking mode). Range of up to 250’ indoors.

### Wireless Temperature Sensor
- **Model:** IMS-4210

## Wireless Temperature w/ External Sensor
Includes an external temperature probe to monitor temperatures from (-10°F to 115°F) in a refrigerator/freezer or other hostile environment. Can operate up to 2 years on AA batteries as an end-device sensor or use the AC adapter for mesh networking (AA batteries provide several hours of backup power in mesh-networking mode). Range of up to 250’ indoors.

### Wireless Temperature w/ External Sensor
- **Model:** IMS-4210-E

## Wireless Humidity Sensor
Measure humidity from 0 - 100% RH (indoor use only). Can operate up to 2 years on AA batteries as an end-device sensor or use the AC adapter for mesh networking (AA batteries provide several hours of backup power in mesh-networking mode). Range of up to 250’ indoors.

### Wireless Humidity Sensor
- **Model:** IMS-4211

## Wireless Dry Contact Sensor
Monitors Normally-Open or Normally-Closed contacts from external sensors or equipment. Can operate up to 2 years on AA batteries as an end-device sensor or use the AC adapter for mesh networking (AA batteries provide several hours of backup power in mesh-networking mode). Range of up to 250’ indoors.

### Wireless Dry Contact Sensor
- **Model:** IMS-4212

## Wireless Power Sensor
Monitors the AC power supply at any outlet and creates an alarm if power fails. Simply plug-in the AC adapter to any outlet. Internal AA batteries provide back-up when main power fails. Battery life depends on whether the sensor is configured as an end-device or a mesh networking device. Range of up to 250’ indoors.

### Wireless Power Sensor
- **Model:** IMS-4213

## Wireless 4-20mA Sensor
Monitors the output from any 4-20mA transducer. Custom table range so monitoring is in real engineering units. Built-in 24V power supply for providing 4-20mA loop power. Internal AA batteries provide several hours of back-up when main power fails. Can be configured as an end-device or a mesh networking device. Range of up to 250’ indoors.

### Wireless 4-20mA Sensor
- **Model:** IMS-4214

## Wireless Spot Water Detector
Monitors for the presence of water on the floor at a specific location. Water sensing probes located on the bottom of the enclosure. Can operate up to 2 years on AA batteries. End-device operation only (e.g. no mesh networking mode). Range of up to 250’ indoors.

### Wireless Spot Water Detector
- **Model:** IMS-4215

## Wireless Zone Water Detector
Detects the presence of water on a floor or in a false ceiling using water rope. Comes with 10’ of water rope that can be extended up to 100’. Can operate up to 2 years on AA batteries as an end-device sensor or use the AC adapter for mesh networking (AA batteries provide several hours of backup power in mesh-networking mode). Range of up to 250’ indoors.

### Wireless Zone Water Detector
- **Model:** IMS-4216

## Specifications

| Maximum Number of Wireless Sensors: 8 |
| Wireless sensor technology: ISM 2.4GHz DSSS |
| Selectable mesh networking between sensors & Node |
| Wireless Range: Up to 300’ indoors (node to sensor) |
| Ethernet: 10/100 Base-T |
| Display: Blue/White Backlit 4-line LCD w/keypad |
| Internal Rechargeable Battery backup: 6V 1.3AH Gel Cell (3 hour back-up time) |
| Power: 9VDC 350mA (power adapter included) |
| Operating Temperature: 32-115°F (0 - 46°C) |
| Operating Humidity: 0-90% RH non-condensing |
| Enclosure: Polycarbonate w/UV stabilizer, light gray |
| Antenna: 7” 2.4GHz 5dBi black omnidirectional |
| Enclosure Dimensions: 7.5” x 5.0” x 2.0” |

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