



## Relogix Sensor Node

### Accurate and Extensible Occupancy Sensor

The Relogix Sensor Node has a small, unobtrusive footprint that measures only three inches long yet is completely autonomous.

#### BENEFITS

- **Agile** deployment for rapid install and/or relocation
- **Autonomous** node that needs no network or power cabling. Rugged design and power longevity.
- **Accurate** always-on data for a wide variety of uses (analytics, workflow automation, notification)
- **Aware** end-to-end intelligence for data and management with Relogix Management
- **Adaptable** to a number of sensor types that all use common infrastructure.
- **Assured** privacy protection and data integrity

#### SIMPLE DIY PEEL-AND-STICK

The Relogix sensor is simply placed under a desk or on a ceiling by facility staff using secure, damage-free peel-and-stick adhesive strips. Technical or trade skills are not required as the node does not require network integration or power distribution (no cables or connectors).

#### INTELLIGENT PROVISIONING AND MANAGEMENT

Once positioned and activated, the sensor node seeks the nearest Relogix SaaS Gateway and self-configures for wireless data transmission. Device management is reported to the component level, e.g. RF signal strength, battery life - presented on the Relogix Management console.

#### DUAL SENSOR ACCURACY

The sensor node uses multiple tunable sensors to accurately detect presence even without motion. This eliminates any false positive readings that could compromise data.

#### ENVIRONMENTAL EXTENSIBILITY

The sensor node is equipped with default occupancy and temperature sensors, however, the sensor array is extensible to include additional devices for light, noise and accelerometers (soft seating) in future.

#### PRIVACY AND SECURITY

The sensor node does not collect any personally identifiable information. All communications are one-way encrypted to the host facility and do not require integration to corporate networks.

#### OPERATIONAL LONGEVITY

The Relogix sensor node has a battery life of over five years.

#### About Relogix

Relogix is an IoT Sensor-as-a-Service (SaaS) company that combines innovative sensor technology advanced analytics to enable workplace visualization and meaningful insight for Commercial Real Estate (CRE).

For more information, visit [www.relogix.com](http://www.relogix.com)



## Relogix Sensor Node

### Multiple Sensor Array, including

- Passive Motion Detector
  - Passive Heat Detector
  - Ambient Temperature
- All sensors are Non-Emitting

### Industry Standard ISM Wireless

- 915 MHz in North America
  - 868 MHz in EMEA
  - Does not interfere with WiFi networks
- Tunable Sample Rate (2-15m)

### Battery Powered

- 1-2 CR2477 Li-Metal Coin Cell
- 3-5 Year Life in Field

### Mini-USB Data Interface

- Firmware Upgrade and Management
  - Data Baud Rate and Sample Rate
- Operates with In-Field Flash Device

### Temperature Compensation

Calibrates for temperature fluctuation between sensor node and gateway

### Readable LED Status Light

- Power On/Off
- Device Re-set
- Gateway Connection

### Self-configuring

- Configures to nearest gateway with strongest RSSI

### Tunable Field of View

- Under Desk Mount
- Ceiling Mount (10-12 ft)

### Variable Mounting Configurations

- 3M Command Strip (peel-and-stick)
- Drywall screws for drop ceiling panels

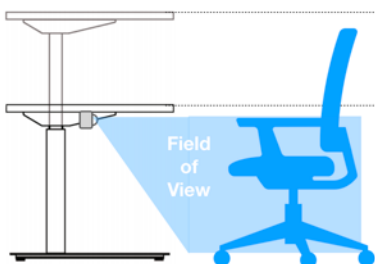
### Compact Antenna Array

- RF Module with line-of-sight range of 200+ ft

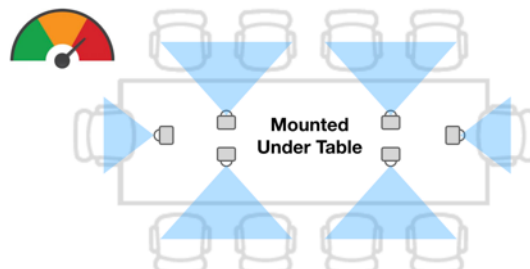
### Global Monitoring

- Battery Strength
- RSSI Range

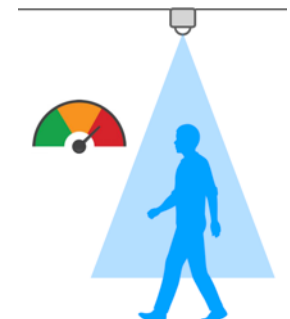
## Sensor Placement Options with Field of View Configurations



Sensor Node Placement and Field of View (3-4 ft) for Sit Stand Desk



Sensor Node Placement and Field of View (3-4 ft) for Meeting Room Table



Sensor Node Placement and Field of View (10-12 ft) for Ceiling Mount