

Project		Catalog #		Type	
Prepared by		Notes		Date	



Trellix

Trellix Locate Sensor Tag TRX-TAG-SEN3

Trellix Locate SensorTag

Typical Applications

Office • Education • Healthcare • Hospitality • Retail

Interactive Menu

- Order Information page 2
- Connected Systems page 3
- Product Warranty

Product Certification



- Bluetooth QDID/EPL

Product Features



Trellix
Locate



Connected
Systems



Asset /
Inventory
Tracking



Environmental
& Compliance
Monitoring

- Bluetooth 5.0
- Small form Factor
- Accelerometer
- Unique MAC address

Overview

Trellix Locate delivers real-time indoor location service and management, by leveraging the Trellix smart space IoT platform. Designed to allow you to monitor activities by sensing the location of your assets, staff and patients and use the data to improve business/production workflows, improve safety and security.

Top Product Features

- Ideal for asset tracking and room condition monitoring (clean rooms, warehouse and storage rooms)
- Configurable parameters using Tag config mobile app
- Low power consumption
- 3-Axis accelerometer
- Battery level monitoring
- IP65 Rated
- Max storage of 200 temperature and humidity records

Order Information

Catalog Number

Catalog Number	Description
TRX-TAG-SEN3	Trellix Locate Tag - Sensor 3 year- S1

Required Accessories

All Trellix system accessories require Trellix Core on-premise hardware platform hosting Trellix Smart Spaces applications (TRX-TCENT2 or TRX-TCVRT2). Ensure the bill of material includes one Trellix Core and one software license from the components below.

Catalog Number

Catalog Number	Description
TRX-TCENT2	Trellix Core Enterprise is an on-premise hardware platform hosting Trellix software applications (supports up to 300 WaveLinx Wireless Area Controllers)
TRX-TCVRT2	Trellix Core Virtual Enterprise is a virtual platform hosting Trellix software applications (supports up to 300 WaveLinx Wireless Area Controllers)
TRX-LOCSNR-1YR	Trellix Locate annual subscription
TRX-LOCBAS	Trellix Locate application

Product Specifications

Key Features

Real-time location and condition monitoring for assets and areas using Trellix Locate

- Indoor position tracking of assets (tools, portable equipment, vehicles)
- Condition based alerting
- Temperature and Humidity Monitoring

Mechanical

Size: 2.78" x 1.49" x 0.70" (70.6mm x 38mm x 17.8mm)

Weight: 1.5 oz (43 g)

Environment:

- **Operating temperature:** -40°F to 158°F (-40°C to 70°C)
- **Storage temperature:** -4°F to 140°F (-20°C to 60°C)
- For indoor use and outdoor conditioned spaces

Mounting: 3M VHB adhesive sticker provided with unit, IP65 Rated

Color: White

Housing: ABS plastic housing

Electrical

Power Supply Type: 2*FR03 Li-Fe Battery

Power Activation: Press and hold button for 3 seconds to activate device

Battery Life:

Beacon Rate	Expected Life
1 second	36 months
3 seconds	42 months
4 seconds	48 months
30 seconds	60 months

Hardware Specifications

Temperature Measurement:

- **Range:** -40°C to 70°C
- **Measurement Accuracy:** 10°C to 50°C (± 0.5C error range) <10°C and >50°C (± 2.0°C error range)
- **Resolution:** 0.05°C

Humidity Measurement:

- **Range:** 0% RH to 100% RH
- **Measurement Accuracy:** 0% RH to 90%RH (±2.5 % RH error range) >90% RH (±3.5 % RH error range)
- **Resolution:** 0.05% RH

Software Specifications

Trellix Locate Tag Configuration App
Trellix Locate

Compatibility

Trellix Locate

Wireless Specifications

Radio: Bluetooth Low Energy

Standard: BLE 5.0

Transmitter Power: -40dBm to 4dBm

Range: up to 164ft (50m)

Programmable Beacon Rate: 1-30 seconds

Standards/Ratings

- FCC Part 15/ECES-003
- CE (EN300328 / 301489 / 60950 / 62479)
- Bluetooth QDID/EPL

Warranty

One year warranty

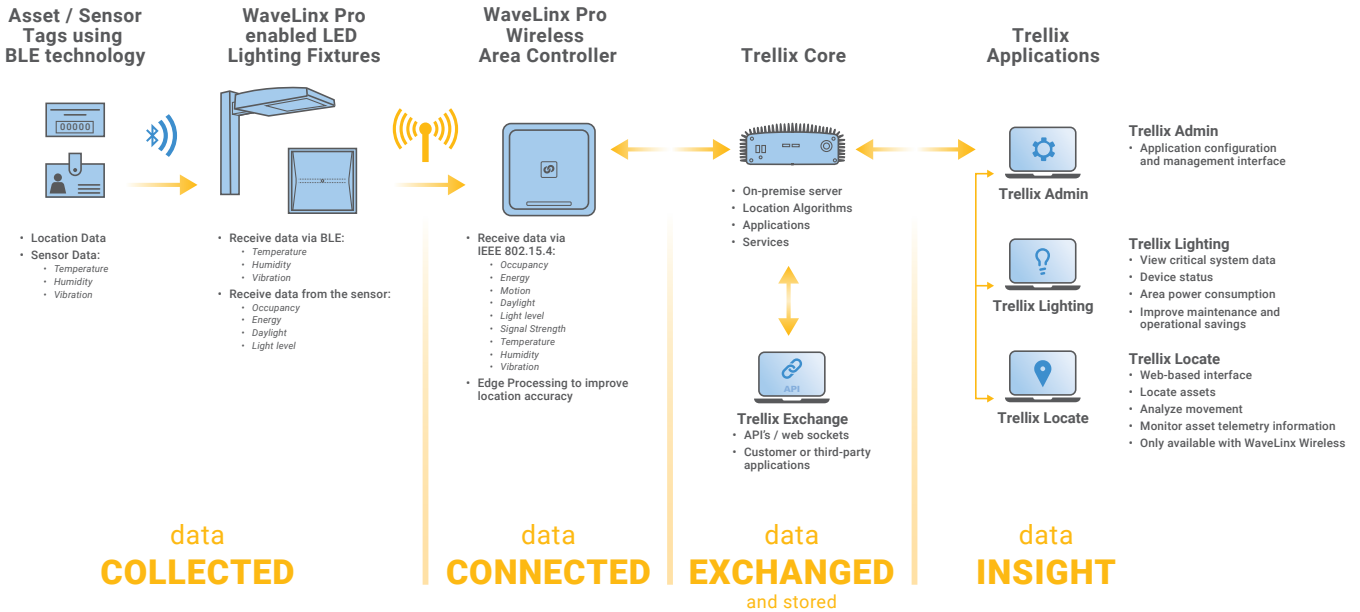
Control Systems

- Trellix
- WaveLinx Pro wireless

Better Data. Better Decisions.

Trellix combined with our WaveLinx Pro wireless connected lighting system is a distributed network of LED lighting fixtures with integrated sensing and beacon technology that captures real-time data; making your facility smarter so you can make smarter decisions.

Trellix provides an open IoT platform and infrastructure that connects intelligent sensors leveraging the real-estate of the physical light fixture to solve higher complexity problems in a commercial building to deliver actionable insights through the aggregation of valuable data.



Sample System Topology

This diagram shows the main components of the WaveLinx Pro wireless connected lighting (WCL) system. The WaveLinx Pro system communicates using wireless mesh technology based on the IEEE 802.15.4 standard. A PoE LAN connection for each Wireless Area Controller (WAC) is required for power and data access to the building wireless network. The Trellix Core Enterprise and WaveLinx Pro Wireless Area Controllers communicate with each other over the Ethernet network. Please refer to the WaveLinx Pro Network and IT Guidance Technical Guide for more information.

[View WaveLinx Pro Network and IT Guidance Technical Guide](#)

