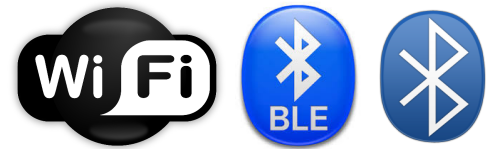


STINSON AIS™

Bluetooth and WiFi Detector



The Stinson AIS, developed collaboratively by Stinson Owl-Lite and Transnomis Solutions, is designed to be simple to install and configure, yet powerful and feature-rich. It is suitable for both temporary smart work zone deployments by traffic control contractors and permanent deployments. It is highly versatile, it is available as a shelf mount unit (Model AIS-S) and as a weatherproof pole mount unit (Model AIS-P).

DESIGNED FOR THE END USER

✦ *Simplicity:*

- Power** Power-over-Ethernet (PoE) 9-36 VDC or any 802.3 PoE supply will work using an adapter.
- Install** Versatile install options with pole mount and shelf mount options available.
- Config** Simple web-based user interface to configure network information, sensor parameters, and to view live detections.

✦ *Interoperability:*

- Open Protocol Available** No more getting locked into a single vendor for your sensor or your ATMS.

✦ *Affordability:*

- Disruptive Pricing** For the first time, even the smaller agencies and projects can benefit from the value of Big Data.

OPTIONS AVAILABLE

- ✦ **Solar Kit Option** Brings install time down to less than 30 minutes.
- ✦ **Built-in Cell Modem** Units to be delivered pre-configured with an onboard SIM & cell modem. Just mount it and turn it on, you will begin receiving data immediately.
- ✦ **Transnomis Data Platform (VMS Central)** Cloud-based monitoring allow users to instantly view sensors and data anywhere securely with your browser and private login.



SENSOR FEATURES

- Track Bluetooth, Bluetooth LE and WiFi for maximum detection and match rates.
- Secure hashing of MAC addresses.
- Secure transmission of data using industry standard TLS protocol.
- Compressed transmission of data to reduce wireless communication costs.
- Simple yet feature-rich web interface for configuration and diagnostics.

TRANSNOMIS DATA PLATFORM (VMS CENTRAL) FEATURES

- Email notifications for loss of communication, low voltage, low data integrity and anomalous congestion.
- User configurable routes and devices using online map based GUI.
- Numerous Big Data analytics and traffic data reports.
- Algorithmic exclusion of data point outliers.
- API & XML data feed for integration into third party systems.

SPECIFICATIONS

Processor 1.2GHz 64-bit Quad Core

MAC Detections Bluetooth, Bluetooth LE, WiFi

Timestamp To nearest 1 millisecond

I/O 10/100 Ethernet

Power Consumption 3W Nominal 5W Max

Power Supply POE (9-36VDC or 802.3at/af)

MODELS



AIS-S Shelf Mount Unit

Weight 3lbs

Dimensions 3" x 5" x 5"

Antenna Omni OR Directional

Detection Area Up to 100m



AIS-P Weatherproof Pole Mount Unit

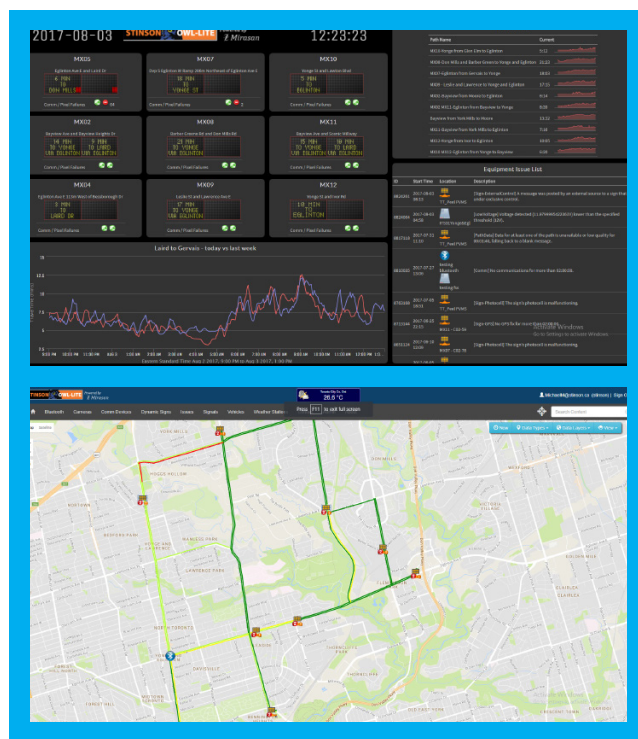
Weight 5lbs

Dimensions 12" x 9" x 2.5"

Antenna Omni OR Directional

Detection Area Up to 200m

Weatherproofing IP66



Sample dashboard and map view of a smart work zone using the Stinson AIS.