

DeepBlue Sensor v2t S-Model



The DeepBlue Sensor v2t S-Model by trafficnow® - a unique single channel Bluetooth® sensor deploying a high-sensitivity Bluetooth® module along with an internal powerful antenna.

An auto-configured, easy-to-install side-fire Sensor that detects all Bluetooth® signals from vehicles; from hands free sets, mobile telephones and navigation systems.

The ideal sensor for getting online travel time information and origin/destination information for improved infrastructure planning.

Suitable in an urban environment, in a larger metropolitan area or on the freeway.

BENEFITS

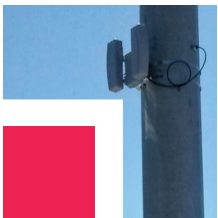
- Side-fire; zero set-back
- Field proven technology
- Cost-effective solution for traffic management
- Easy to install and configure
- Each installed unit has the flexibility of performing a variety of tasks

FEATURES

- Automatic detector configuration
- Multi-lane, side-fire sensor
- Vehicle Detection and Tracking
- Recognition of Unique Identification for White list applications
- Incident Detection / Travel time
- Non-volatile memory data storage
- Self test on power-up (LED indicator)
- Low power consumption
- Fast, reliable and secure data transmission

APPLICATIONS

- Travel time
- Online web based applications
- Traffic Engineering (O/D matrices)



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SPECIFICATION

Power

- 12 to 48 VDC
- Min 1.93W (configuration dependent)
- PoE (Power over Ethernet)

CPU

- ARM 9 Processor

Memory

- 128 MB RAM
- Micro SD storage

Communications

- Ethernet connector
- Optional 3G/CDMA worldwide
- Dual SIM card slot
- Remote sensor access
- Optional general purpose IO
- Serial RS232/RS485

Operations

- Linux based OS
- LED for operations diagnostics

Environmental

- -22° F to +176° F (-30° C to +80° C)
- 0 to 90% relative humidity
- IP65 housing

Dimensions and Weight

- H x W x L
7.9 in x 5.8 in x 2.4 in
200 mm x 148 mm x 62 mm
- 1.5 lbs (0.66 kg) (2.2 lbs (1.035 kg) incl.
stainless steel bracket)

Bluetooth

- Internal antenna
- Detects all Bluetooth® versions
- 65° detection angle
- -102dB receive sensitivity

WiFi

- Optional WiFi detection

Regulatory

- RoHS Compliant
- FCC
- CE certified
- IC

CONTACTS

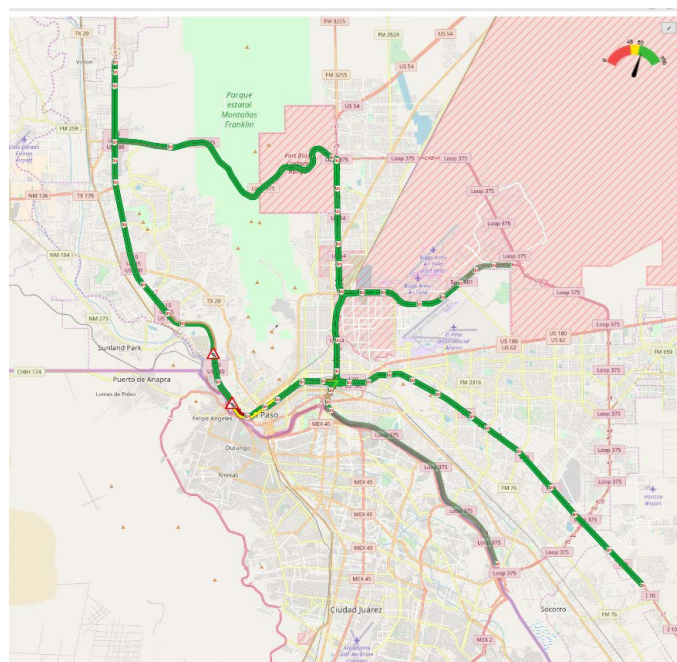
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Speed Map



Precision decisions.

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Due to ISS' continuous efforts to develop the products that are most responsive to our customers needs, the above specifications are subject to change. To verify the current information, please visit the Image Sensing Systems website.

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