

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 the 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, or for public transport priority.

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

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:

- -35°C to +80°C*
- 0 to 90% relative humidity
- IP65 housing

Dimensions and Weight

- H x W x L 200 mm x 148 mm x 62 mm
- 0.66 kg (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

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