ImageSensing systems

DeepBlue R-Model Sensor

The DeepBlue Sensor v2t R-Model by trafficnow® - a Bluetooth® sensor for integration in your roadside cabinet or traffic controller. Easily mounted on a DIN-rail or in a 3U rack. A unique auto-configured, easy-to-install side-fire Sensor that detects the Bluetooth® signals from vehicles; from hands free sets, mobile telephones and navigation systems. Operates in up to 12 lanes.

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.

KEY BENEFITS

- Cabinet integration
- No external cabling needed
- 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

trafficnow

Deep Blue Sensor R-Model

SPECIFICATION

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

CPU
- ARM 9 Processor

Memory
- 128 MB RAM
- Micro SD storage

Communications
- Ethernet connector
- Optional 3G/CDMA worldwide
- Remote sensor access
- Optional general purpose IO
- Serial RS232/RS485

Operations
- Linux based OS
- LED for operations diagnostics
- PCB for DIN-rail mount or 3U rack

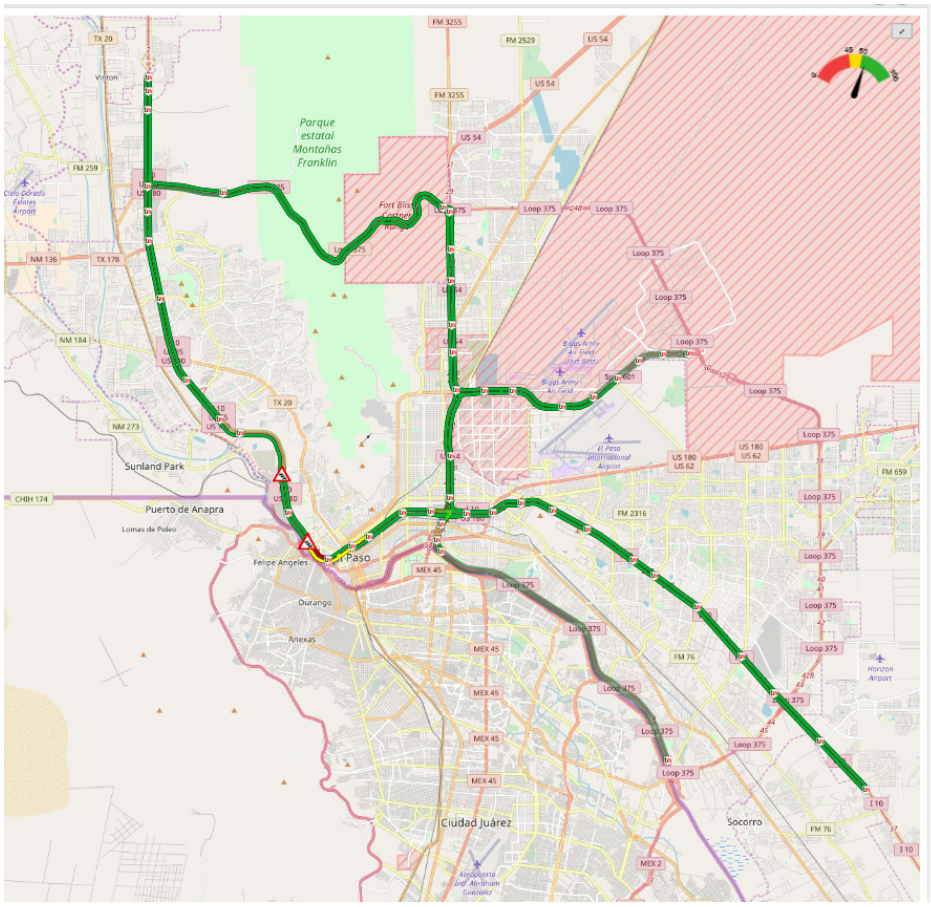
Environmental
- –35°C to +80°C
- 0 to 90% relative humidity

Dimensions and Weight
- H x W x L
- 124 mm x 50 mm x 174 mm (not including antennas)
- 0.60 kg

Bluetooth
- Single or Dual channel operation
- Detects all Bluetooth® versions
- More than 500 meter range
- -104dB receive sensitivity

Regulatory
- RoHS Compliant
- FCC
- CE certified

Speed Map



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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.