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highways
talk™

TRS WIM Plus

Traffic Recording Systems

The TRS product line offers superior data collection capability and flexibility. The standard display is a 4-line by 20-character LCD. The 16 alphanumeric keys allow the user the option to program the unit without the use of a computer. Depending on the application, the unit can be packaged in a weatherproofed portable enclosure or rack mounted for permanent installation. The portable unit can be equipped with a solar panel as an option. Historical data can be downloaded from the site without interrupting the VOS calculation process.

TRS Plus WIM classifiers have been upgraded to include:

- USB Ports
- Flash upgradeable firmware
- Expanded internal memory

► Features

- Up to 24 inputs
- Compatible with tube, piezo, loop, contact and environmental sensors
- 20-Character by 4-line display
- Binned and event data
- Real-time clock
- Piezo Weigh-In-Motion
- 8 Lanes of Classification
- 8 GB internal memory

- 2 RS232 serial ports (communications and real-time ITS applications)
- 2 USB ports – for flash drive (take away memory) and communications
- Backwards Compatible
- Flash upgradeable firmware
- Bluetooth® wireless technology optional



► System Operations

The TRS Plus can be operated via the integrated keypad and display or via a serial link with a computer or modem. Upon power up, the TRS is completely menu driven for ease of use in the field. To serve the special needs of many different users, the TRS options include: solar panel, expandable memory, environmental sensors and WIM.



TRS Inputs

Specifications

| | |
|------------------------|--|
| Enclosure | Cast aluminum (powder coat) Sheet metal card cage (TRS) |
| Time Periods | 1 to 60 minute intervals |
| Classification | FHWA 15-category classification or a user-set classification table |
| Data Storage | 8 GB standard, up to 16 GB User-set memory rollover |
| Power | Typically 45 days per charge On/Off switch standard Optional solar panel |
| Dimensions | 17.8 cm x 34.3 cm x 15.2 cm 7 in x 13.5 in x 6 in |
| Mini | 22.9 cm x 17.8 cm x 12.7 cm 9 in x 7 in x 5 in |
| Rack II | 48.3 cm card cage 19 in card cage |
| TRS Weight | Less than 15 lbs |
| TRS Mini Weight | Less than 10 lbs |
| Display | 4-line by 20-character |
| Accuracy | Self adjusting air switches Meets or exceeds TMG and ASTM standards |
| Communications | RS232 serial comms from 300 to 115 K baud, USB, optional Bluetooth® |



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TRS Rack II



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