



**We make  
highways  
talk™**

- **MANAGEMENT**
- **SAFETY**
- **PRESERVATION**

*International Road Dynamics Inc. develops and maintains traffic management products and systems technology that make highways talk. What are they saying? They are providing information that roadway administrators need to manage traffic, preserve infrastructure and provide safety warnings to drivers.*

*IRD's multi-discipline, innovative and customer-focused team is expert in advanced technologies, advanced traffic solutions and custom-designed systems.*



**CUSTOMER  
DRIVEN™**

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## TRS Traffic Recording Systems

The TRS product line offers superior data collection capability and flexibility. The standard display is a four line by twenty 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 three different housings and may be used portably or permanently. Data can be downloaded from the site without interrupting the data collection process.

TRS Rack II



### FEATURES

- Up to 24 inputs
- Piezo, tube, loop, contact and environmental
- 20 Character by 4 line display
- Binned and event data
- Portable and permanent housings
- Real-time clock
- Piezo Weigh-In-Motion



Mini TRS and TRS

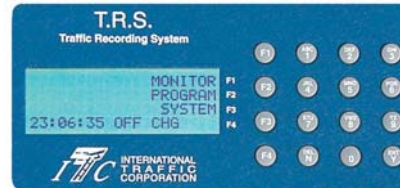
# TRS

## Traffic Recording Systems

The TRS 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, pcmcia interface, expandable memory, environmental sensors and WIM.



Mini TRS Inputs



Display and Keypad

## TECHNICAL DATA

|                 |                                                      |
|-----------------|------------------------------------------------------|
| Enclosure:      | Cast aluminum (powder coat); Sheet metal card cage   |
| Time periods:   | 1 Minute to 24 hour intervals                        |
| Data Storage:   | 256Kb - 1Meg flash                                   |
| Power:          | Typically 45 days per charge; On/Off switch standard |
| 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)                  |
| Weight:         | Less than 15 lbs                                     |
| Mini:           | Less than 10 lbs                                     |
| Display:        | 20 Character by 4 line                               |
| Accuracy:       | Self adjusting airswitches                           |
|                 | Meets or exceeds TMG and ASTM standards              |
| Communications: | RS232 serial comms from 300 to 38,400 baud           |



International  
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