

TW200



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TW200 Sprite™ Asset Tracking Device for MOTOTRBO

Overview

The Tallysman Sprite™ TW200 Conrail tracking resolution takes tracking accuracy to a whole new level enabling MOTOTRBO™ channel partners to compete on a level playing field with Cellular carrier reporting rates. The TW200 supports all MOTOTRBO™ network configurations including Capacity Max.

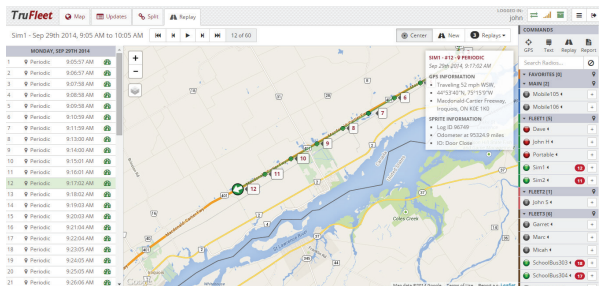
Conrail Tracking

The Sprite Conrail tracking coupled with “Event” based reporting of I/O, Odometer, Engine Idle times etc, makes this platform uniquely positioned to meet all Fleet Tracking needs.

The Sprite Conrail data compression algorithm can combine up to 125 location reports and events into a single MOTOTRBO data transmission enabling sub 10 second tracking reports to be batched and sent every 15 Minutes! This level of tracking provides location accuracies down to the block level which is particularly important when auditing vehicle locations and for applications such as reporting International fuel Tax usage (IFTA Reports).



Tallysman's TruFleet™ application combined with the TW200 and TW250 conrail tracking capabilities enables radio system operators to increase the number of data users on their system many fold without having to add additional repeaters to support the increased data traffic. Tallysman's TruFleet™ application manages the TW200 and TW250 Telematics conrail reporting without compromising system performance.



Conrail Tracking

Port Interface

The Sprite™ TW200 features two serial COM ports to connect peripherals such as Mobile Data Terminals (MDTs) and SCADA devices. An ignition input and three general purpose inputs are provided for monitoring events such as door opening and closing.

Features

- Capacity Max compatible
- Out of range logging and retrieval
- Conrail tracking & batch reporting
- Event driven reporting e.g. Periodic, distance, turns etc.
- Time-OFF-Timer
- Waypoints reports
- Odometer reports

Benefits

- FTA mileage tracking
- Reduced fuel costs
- Eliminate un-authorized vehicle use
- Reliable record of pick-up and delivery times
- Odometer-based vehicle maintenance records

TW200 Sprite™

Asset Tracking Device for MOTOTRBO

Specifications

Ports

- USB Host
- 1 RS232 Port with control lines or
- 2 RS232 Ports with no control lines (TX, RX, Gnd)
- 2 digital inputs & 1 bi-directional input
- Ignition input
- 8 MB Logging memory

Maximum Rating

- 10 to 18 VDC (over voltage protection)
- 80 mA typ.
- -40C to +85C operating temperature
- Input logic: Low0.7 to -5V
- Input logic: High.....0.8 to 24V

Hardware Interface

- 6 Pin Molex (Power & Inputs)
- RJ45 radio
- RJ45 COM ports
- 1 LED – Power & Status indicator

Connectivity

- MOTOTRBO™ MAP connection
- COM port pass-through

Mechanical

- Dimensions3.01” L x 2.19” W x 0.91” H (76.5 mm L x 55.6 mm W x 23 mm H)

Ordering Information:

Sprite™ TW200 box with power cable & radio cable	32-0200-1
TW200 Configuration Cable	27-0019-0
TW200 Programming Kit	32-0001-0

Please refer to the Ordering Guide for the current and complete list of available products.



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Tallymatics manufactures high performance, telematics products and solutions for a wide range of applications. With support for both RF wireless and data networks, Tallymatics enables high-resolution location awareness of mobile field assets across any type of wireless network. Tallymatics is a division of Tallysman.

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Contact us:
info@tallymatics.com
T: +1 613 591-3131

Tallymatics Inc.
36 Steacie Drive,
Ottawa ON
K2K 2A9 Canada

www.tallymatics.com