



A TIME AND PLACE *for everything™*

## Sprite™ TW200

# Telematics Solution for MOTOTRBO™ Systems

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The Sprite™ TW200 by Tallysman Wireless adds extensive intelligent autonomous GPS reporting capabilities to MOTOTRBO™ professional digital Two-Way radio systems. It features tools to greatly optimize channel traffic usage and to increase system performance. Reporting events can be configured to provide information on arrival times (waypoints), proof-of-service (high rate position report-logging) and vehicle utilization (odometer, idle-time and speed). As well, the TW200 provides efficient transmission of logged events and current position-reports.



The Sprite™ TW200 Telematics Solution provides extensive capabilities, such as GPS event driven reporting and logging, waypoint reporting, and provides features to minimize possible data loss due to signal fading. The end result is a fully featured Telematics platform that fully exploits the radio resources and maximizes channel usage by minimizing air-time data transmissions.

The Sprite™ TW200 features two serial COM ports to connect peripherals such as Mobile Data Terminals (MDTs) and RFID readers, three general purpose inputs for monitoring events such as door opening and closing, and a status LED to indicate power and data connection to the radio. It is connected via the MOTOTRBO™ MAP (Mobile Accessory Port), keeping the Expansion Board interface available for other applications.

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### Features

- Connect Plus compatible
- Aggregated batch reporting
- Out of range logging and retrieval
- Periodic time and distance reports based on moving and stopped status
- Push to talk ID (PTT ID)
- Time-OFF-Timer
- Time arrival & waypoints reporting
- Idle time & odometer reporting

### Benefits

- Increased productivity
- Improved customer service
- Reduced fuel costs
- Eliminate un-authorized vehicle use
- Reliable record of pick-up and delivery times
- Odometer-based vehicle maintenance records
- Monitor vehicle utilization



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### Specifications

- USB Host
- 1 RS232 with control lines or  
2 RS232 Ports 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
- 80 mA typ.
- -40 to +85°C operating temperature
- Input logic - low: 0.7 to -5V  
- 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

- 3.01" 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 contact Tallysman Wireless for additional information

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