



**Traxxis GPS Solutions, Inc.**  
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**PRODUCT DESCRIPTION**

# 2500 Series

2500 with internal antenna  
2502 with external antenna



The **2500 Series** is engineered with CDMA and GSM technology to deliver the high reliability needed to help streamline operations, reduce costs associated with service and maintenance of vehicles, improve driver safety and customer response. It is designed as a universal solution for 24/7 visibility and continuous-tracking.

**KEY FEATURES**

- Internal or external cellular and GPS antenna options for easy and covert installation
- High sensitivity GPS
- 20,000 buffered message log
- 5 inputs/3 outputs/1-wire® PTO and more
- Dual serial ports
- Optional Garmin® FMI support including navigation and two-way messaging
- Power management sleep modes
- Automatic, over-the-air configuration and firmware download
- Optional PTO support for monitoring use of powered equipment such as tow beds, booms, lifts, and more.

**TARGET MARKETS:**

The 2500 Series meets the needs of almost any GPS Fleet Vehicle Tracking requirement.

**PRODUCT DIFFERENTIATORS:**

- Enterprise Class device for high reliability
- CDMA/GPRS technology provided for wireless coverage flexibility
- Internal antenna for easy and covert installation
- Optional external antenna
- Locate on-demand
- Sleek, lightweight design
- Over 20 management reports available
- Activation included



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GPS Fleet Tracking

#### PRODUCT SPECIFICATIONS

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#### RADIO PERFORMANCE

CDMA Dual-Band	800/1900 MHz
GSM/GPRS Quad-Band	850/900/1800/1900 MHz

#### ENVIRONMENTAL

Operating Temperature	-30° C to 75° C / -22° F to 167° F
Storage Temperature	-40° C to 85° C / -40° F to 185° F
Relative Humidity	95% RH at 50° Non-Condensing
Drop Spec	U.S. MIL 202G and 810F, SAE J14

#### PHYSICAL SPECIFICATIONS

Dimensions	51mm X 102mm X 22mm (2" X 4" X 0.85")
Weight	74g / 2.6 oz (external), 85g / 3 oz (internal)

#### GPS FUNCTIONALITY

Channel	50 channel GPS (with SBAS, DGPS)
Connector	Internal or option external SMA - Cellular, SMC - GPS
Location Accuracy	2.0 meter CEP (with SBAS)
Tracking Sensitivity	-160 dBm
In-vehicle Mapping	NMEA GPS output
FOTA	Automatic configuration on power-up (PULS™)
Buffered GPS Message Feature	Yes

#### CONNECTORS

Connection Type	20-pin Molex-type fused power harness
Connector	Internal or option external SMA - Cellular, SMC - GPS

#### POWER SOURCE

Operating Voltage	6 –32 VDC
Power Consumption	< 3 mA @ 12V
– Sleep on Network with SMS	< 10 mA
– Active Tracking	< 70 mA @ 12V

#### CERTIFICATIONS

FCC, CE, IC, PTCRB and Cellular Carrier