

PRODUCT DESCRIPTION

VP2500 Series

VP2500, VP2500 w/Nav
VP2502, VP2502 w/Nav



The **VP2500 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
- Dual serial ports
- Garmin® FMI support
- Power management sleep modes
- Automatic, over-the-air configuration and firmware download

TARGET MARKETS:

The VP2500 Series meets the needs of almost any GPS Fleet Vehicle Tracking requirement.

PRODUCT DIFFERENTIATORS:

- Enterprise Class Device for High Reliability
- CDMA technology provided on the largest high-speed wireless network in America - Verizon
- Internal Antennas for easy installation or covert installation
- Covert installation
- Optional support for Garmin navigation/Two-Way messaging
- Optional support for PTO

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