



## XT2500 Series



Consumer Solutions



Automotive Solutions



Commercial Vehicle &  
Long-Haul Trucking



Driver Behavior



Mobile Resource  
Management



Telematics

**The XT2500 series is a plug-n-play universal vehicle tracking unit (VTU) for use in light duty/passenger vehicles, as well as heavy duty trucks with 9-pin/6-pin Deutsch connectors (RP1226 for newer trucks) via a cable harness/adapter.**

The XT2500 is a versatile device that can include an optional Bluetooth interface for ELD applications and optional internal battery and buzzer for driver behavior alerts. The device can be expanded by connecting to an external XT1065 I/O box. The XT1065 I/O box includes additional interfaces such as digital inputs, digital outputs, analog inputs, RS232 interface, and Dallas/Maxim 1-wire interface. The device supports industry standard communication protocols such as MQTT and CoAP that allows for faster integration with existing IoT systems. Developed with security in mind, the XT2500 supports TLS1.2 encryption and mutual authentication with backends to keep user data safe.

### HIGHLIGHTS

- AT&T or T-Mobile LTE Cat M1
- Cellular with internal antenna
- GPS with internal antenna
- Optional Bluetooth with internal antenna
- OBD protocol support and voltage compatibility for both light-duty and heavy-duty vehicles
- Integrated accelerometer
- Optional auditory-feedback buzzer and 250mAh last-gasp battery
- Ability to connect to an external I/O box (I/O box contains additional interfaces)
- Certifications: FCC, PTCRB, IC

## Specifications



GPS



Cellular



Bluetooth (Optional)



Battery (Optional)



Accelerometer

### Mechanical

Dimensions 2.63" x 1.49" x 1.06" (6.7 x 5.3 x 2.7 cm)

Weight 2 oz. (57g)

Case Material PC+PBT

IP Rating N/A

### Physical Connections

Operating Temperature -13°F to 158°F (-25°C to 70°C)\*

Device Connector(s) J1962 (adapters available)

Device Protocols (Xirgo proprietary)

Optional I/O 4 digital inputs, 3 digital outputs, 2 RS232, 1 1-wire bus

### Power Requirement

DC Power DC 9-32V

Power Source (vehicle power)

Optional Battery Optional 250mAh last-gasp battery

### GPS Module

Tracking Sensitivity -157 dBm

Accuracy  $\pm 2.5m$  CEP (open sky)

### Cellular Module

MNO AT&T, T-Mobile

Supported Region(s) US

4G LTE FDD Bands 1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28

4G LTE TDD Band(s) 39

Comm. Interfaces LTE Cat M1, 3GPP release 13

Power Class 3 (23 dBm)

SMS Support MT/MO

\* Without internal battery