



## XT6300 Series



Consumer Solutions



Automotive Solutions



Buy Here – Pay Here



Heavy Equipment  
Management



Driver Behavior



Telematics

**The XT6300 series devices are vehicle tracking solutions with optional OBD to support a wide range of vehicle protocols including passenger, light to heavy-duty trucks, and commercial equipment.**

Geofences provide fleet managers with greater control and monitoring with instant notifications. XT6300 series devices are based on a full-featured platform that allows rapid customization by market and application requirements. The modular design allows for Garmin™ FMI, Bluetooth connectivity, and 1-wire Bus among other features. Optional Bluetooth allows bi-directional communication with other Bluetooth enabled devices such as driver logs to fulfill ELD requirements. The two 1-Wire Bus interfaces allow for Driver ID or Serial Temperature Sensing. Designed with embedded cellular, GPS, and optional Bluetooth antennas, the XT6300 series devices reduce the need for additional external accessories. The devices interface with AWS IoT's secure backend and come with certificates pre-loaded on the device. Highly configurable firmware allows full control of device reporting behavior. Customizable data packets provide only the data required to support unique and evolving business needs.

## HIGHLIGHTS

- LTE Cat M1, 3G UMTS/HSPA
- Integrated GPS receiver and antenna
- Over-the-air application firmware upgrades
- SMS, UPD, TLS1.2, MQTT, and HTTPS support
- 5 digital inputs, 1 analog input, 3 outputs, 2 1-wire bus, 2 RS232
- 3-axis accelerometer and motion detector
- Garmin™ Fleet Management Interface (FMI)
- Geofencing
- Optional 250 mAh rechargeable battery
- Optional internal buzzer
- Certifications: FCC, AT&T

## Specifications



GPS



Cellular



Bluetooth



Accelerometer

### Mechanical

Dimensions 3.35" x 3.1" x 0.8" (8.5 x 7.9 x 2.0 cm)

Weight 3 oz. (85 g)

Case Material PC

IP Rating N/A

### Physical Connections

Operating Temperature -22°F to 140°F (-30°C to 60°C)

Harness Connector 14-pin micro-fit connector; 24-pin micro-fit connector

Serial Interface RS232

Optional I/O 5 dig inputs, 1 ana input, 3 outputs, 2 1-wire bus, 2 RS232

### Power Requirement

DC Power DC 9-36V (60V overvoltage protection)

Power Source External or optional 250mAh battery

Average Idle Current 40mA @12V

### GPS Module

Receiver Type 72 channel

Tracking Sensitivity -166 dBm

Accuracy  $\pm 2.5m$  CEP (50%, -130 dBm, >6 satellites)

### Cellular Module

MNO AT&T

Supported Region(s) US

4G LTE FDD Bands 2, 4, 5, 12

3G UMTS Bands 2, 4<sup>1</sup>, 5

Comm. Interfaces 4G LTE Cat M1, 3GPP release 13, 3G UMTS

Power Class 3 (23 dBm)

SMS Support MT/MO

<sup>1</sup>only available on XT6276