



XT2400 Series



Consumer Solutions



Automotive Solutions



Commercial Vehicle &
Long Haul Trucking



Driver Behavior



Mobile Resource
Management



Telematics

With an integrated GPS engine, cellular and GPS antennas, and integrated OBD-II interface, the XT2400 Series is the ultimate solution for fleet managers in need of monitoring location, speed, and several other codes available on the OBD port of vehicles.

In addition to support for open OBD-II standard parameters the XT2400 has additional functionality to support OEM proprietary parameters. This gives our customers unrivaled versatility for providing additional information from the vehicle Bus such as true odometer and seat belt status. The device's integrated J1962 connector, low power consumption, and extremely compact design powered through the OBD port allow for installation in a matter of seconds, substantially reducing cost.

The XT2400 supports SMS, UDP, FTP, and is capable of firmware updates over-the-air. This device can be installed in most vehicles available in North America.

HIGHLIGHTS

- LTE Cat M1
- LED status indicators for GPS lock, GSM registration, and OBD-II communication
- Over-the-air firmware upgrade
- Supports SMS, UDP, FTP, HTTP
- 3-axis accelerometer and motion detector
- Integrated GPS receiver and antenna
- Integrated dual-band cellular antenna
- Optional 250mAh Li-Ion battery
- OBD-II: J1850 PWM, J1850 VPW, ISO-9141-2, ISO-14230 KWP2000, ISO-15765 CAN
- Certifications: FCC, AT&T^{1,4}, Verizon², Sprint³

Specifications



GPS



Cellular



Battery Options



Accelerometer

Mechanical

Dimensions	2.4" x 1.8" x 1.1" (5.9 x 4.6 x 2.8 cm)
Weight	< 2 oz. (34 g)
Case Material	PC
IP Rating	IP 65

Physical Connections

Operating Temperature	-22°F to 158°F (-30°C to 70°C)
Harness Connector	OBD-II
Serial Interface	OBD J1962

Power Requirements

DC Power	DC 8-18V
Power Source	(vehicle power)
Average Idle Current	40mA @ 12V
Sleep Mode	5mA typical

GPS Module

Receiver Type	72 channel
Tracking Sensitivity	-166 dBm tracking typical
Accuracy	± 2.5m CEP (50%, -130 dBm >6 satellites)

Cellular Module

MNO	AT&T ^{1,4} , Verizon ² , Sprint ³
Supported Region(s)	US
4G LTE FDD Bands	2, 3 ³ , 4, 5, 8, 12, 13 ^{1,2,3} , 20 ³ , 25 ³ , 28 ³
3G UMTS Bands ⁴	2, 5
Comm. Interfaces	4G LTE Cat M1, 3G UMTS, 3GPP release 13
Power Class	3 (23 dBm)
SMS Support	MT/MO

¹available only on XT2469A; ² only XT2469R; ³ only XT2469S; ⁴ only XT2479A