



XT2400 TELEMATICS



Monitor location, speed, and several other information on vehicle OBD port

Convenient plug and play for passenger/light duty vehicle applications

Device can be installed in most vehicles available in North America.

THE TELEMATICS DEVICE THAT PUTS YOU IN CONTROL

Integrated GPS engine, cellular and GPS antennas, and integrated OBD-II interface make the **XT2400** Series the ultimate solution for vehicle and driver information. Device flexibility supports both open OBD-II standard and OEM proprietary parameters. You get unrivaled versatility for obtaining additional information from the vehicle Bus such as true odometer and seat belt status. With its compact design, installation takes only seconds, and combined with lower power consumption, helps reduce time and costs.

Transform fleet effectiveness and data collection with the power of device flexibility. Sensata | Xirgo enables full device OTA and FOTA capabilities through the easy-to-use platform. The system can simultaneously update a large number of devices with full control over the projects. Plus, easy configuration management options make this device not just flexible for deployment but easy for future maintenance and support as well.

FEATURE LIST

- LTE Cat M1
- LED status indicators for GPS lock, GSM registration, and OBD-II communication
- Over-the-air firmware upgrade
- Supports SMS, UDP, FTP, TCP, HTTP/HTTPS
- 3-axis accelerometer and motion detector
- Integrated GPS receiver and antenna
- Optional 250mAh Li-Ion battery
- Certifications: FCC, IC, ISED

APPLICATIONS



High value assets



Commercial vehicle & long haul trucking



Automotive solutions



Containers



Trailers

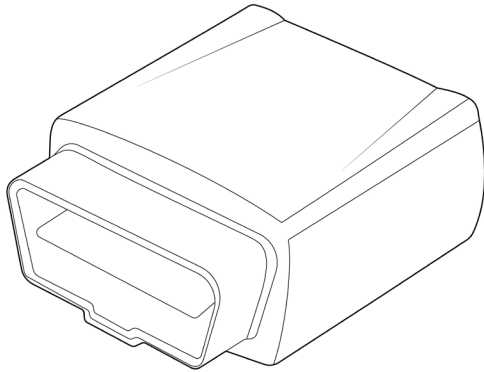


Driver behavior



Telematics

XT2400 SPECIFICATIONS



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+PBT
IP Rating	N/A

ELECTRICAL

DC Power	DC 9-18V
Power Source	(vehicle power)
Average Idle Current	40mA @ 12V
Sleep Mode	5mA typical

ENVIRONMENTAL

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

OBD-11 Interface	CAN
- Option 1	J1850 PWM
- Option 2	J1850 VPW
- Option 3	ISO-9141-2
- Option 4	ISO-14230 KWP2000
- Option 5	ISO-15765 CAN
Serial Interface	UART

COMMUNICATIONS

GPS Module	
- Receiver Type	72 channel
- Tracking Sensitivity	-166 dBm tracking typical
- Accuracy	± 2.5m CEP (50%, -130 dBm >6 satellites)
Cellular Module	40mA @ 12V
- MNO	AT&T, Verizon, Sprint, Telstra
- 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
- Comm. Interfaces	4G LTE Cat M1, 3GPP release 13
- Power Class	3 (23 dBm)
- SMS Support	MT/MO

* Without internal battery

¹ available only on XT2469A

² only XT2469R

³ only XT2469S

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Transforming sensor solutions.



Sensata
Technologies



Sensata Technologies delivers a wide range of connected solutions that drive operational efficiencies and increase revenue. Our comprehensive, in-house engineering capabilities allow us to design, engineer, and manufacture innovative, full-featured products, such as tire pressure monitoring systems, telematics devices, asset monitoring and tracking devices, and cargo monitoring solutions.