



XT2500 TELEMATICS



Plug-n-play universal vehicle tracking unit for light duty/passenger vehicles and heavy-duty trucks with 9-pin/6-pin Deutsch connectors (RP1226 for newer trucks) via a cable harness/adaptor

Optional Bluetooth interface for ELD applications and optional internal battery and buzzer for driver behavior alerts.

Expandable by connecting to an external XT1065 I/O box with additional interfaces such as digital inputs, digital outputs, analog inputs, RS232 interface, and Dallas/Maxim1-wire interface.

THE TELEMATICS DEVICE THAT PUTS YOU IN CONTROL

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.

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

- NA: AT&T, Verizon, TMO, 4G LTE Cat M1, LTE Cat NB2
- EU: 4G LTE Cat M1, LTE Cat NB2
- 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, CE-RED

APPLICATIONS



High value assets



Commercial vehicle & long haul trucking



Automotive solutions



Containers



Trailers

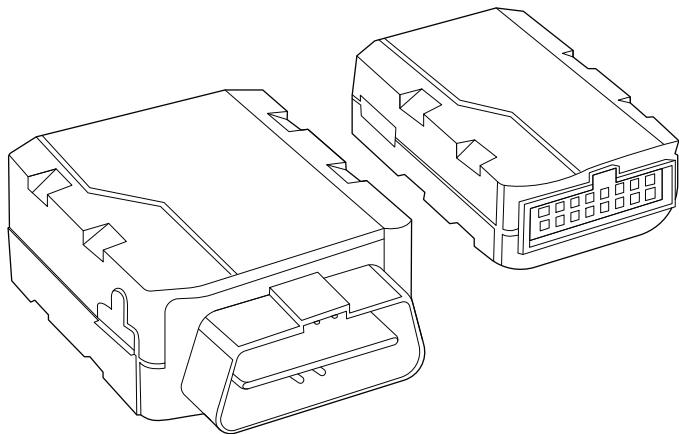


Driver behavior



Telematics

XT2500 SPECIFICATIONS



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

ELECTRICAL

DC Power	DC 9-32V
Power Source	(vehicle power)
Optional Battery	Optional 250mAh last-gasp battery

ENVIRONMENTAL

Operating Temperature	-13°F to 158°F (-25°C to 70°C) without internal battery
Device Protocols	MQTT, CoAP

INTERFACES

Device Connector	J1962 (adapters available)
Optional I/O	4 digital inputs, 3 digital outputs, 2 RS232, 1 1-wire bus

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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.