



XIRGO TECHNOLOGIES

XT2469A AT&T Cat M1 Modem with Integrated GPS

The XT2469A is the most versatile and economical diagnostic & monitoring device available today for communicating vital vehicle information to owners via AT&T's LTE Cat M1 network. With an integrated GPS engine, cellular and GPS antennas, and integrated OBDII interface, the XT2469A is the ultimate solution for fleet managers in need of monitoring location, speed, and many other codes available on the OBD port of vehicles.

In addition to support for open OBD II standard parameters the XT2469A 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. With an integrated J1962 connector, an extremely compact design powered through the OBD port, and low power consumption, the XT2469A can be installed in a matter of seconds which substantially reduces installation cost.

The XT2469A operates over the AT&T Wireless network and supports SMS, UDP, FTP. The XT2469A is capable of firmware update over-the-air. With a highly sensitive GPS engine along with an integrated GPS antenna and multiple OBD II protocols support, the XT2469A can be installed in majority of vehicles available in North America.

The XT2469A is another example of Xirgo Technologies' dedication to design and manufacture of superior products.



XT2469A Specification Highlights

- AT&T LTE Cat M1
- 4G LTE Bands 2, 4, and 12
- LED status indicators for GPS lock, GSM registration and OBD II communication
- Over-the-air firmware upgrade
- Supports SMS, UDP, FTP
- Supports all J1962 OBD Pins
- 3-axis Accelerometer and Motion Detector
- Integrated GPS receiver and antenna for tracking applications
- Audible Feedback (Buzzer)
- Optional 250 mAh backup battery

Specifications

Cellular Specification

4G LTE Cat M1 Characteristics
3GPP Release 13
LTE (FDD)
Supported Bands: FDD 2, FDD 4, and FDD 12
SMS: MT/MO

GPS specification

- Receiver Type 72 channel
- Receiver Tracking Sensitivity* -165 dBm
- Accuracy* +/- 2.5m CEP
- TTFF Cold Start* 27 seconds (Typical)
- TTFF Hot Start* 1 second (Typical)

*50%, 24 static-130dBm, >6 Sats.

OBDII Support

- J1850 PWM
- J1850 VPW
- ISO-9141-2
- ISO-14230 KWP2000
- ISO-15765 CAN

Proprietary OBD Support

- Medium Speed CAN
- Single wire CAN
- K-Line Mux

Power Requirement

- D.C Power 8-28V
- Average Idle current TBD
- Low Power mode current TBD
- Optional Internal Battery 250 mAh Secondary Lithium Ion Battery

Physical Connection

- OBD Connector J1962
- GPS Antenna Integrated
- Cellular Antenna Integrated dual-band

Mechanical

- Case Material PC
- Dimensions 2.4" x 1.8" x 1.1" (5.9 x 4.6 x 2.8 cm)
- Weight < 2 oz. (34 grams)
- Operating Temperature -30°C to +70°C

Certifications

- PTCRB
- FCC
- ISED
- AT&T

Xirgo Technologies

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