



XT2180 Series



Consumer Solutions



Automotive Solutions



Buy Here – Pay Here



High-Value Asset
Tracking



Driver Behavior



Telematics

XT2180 series is a fully integrated tracking device for communicating mobile asset location information to owners via LTE Cat M1 networks using an integrated GPS engine, embedded cellular, PCS and GPS antennas.

XT2180 is a cost-effective solution for monitoring vital location data for remote assets. XT2180 provides 2 all-purpose digital inputs and 1 internal analog input used to monitor battery voltage. In addition to multiple inputs, XT2180 provides a digital output that can drive ignition relays. XT2180 has an optional external GPS connector for instances where higher GPS sensitivity is required. With its compact design, XT2180 can be covertly installed in tight locations. The XT2180 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

- AT&T or Verizon LTE Cat M1
- LED status indicators for GPS lock and network registration
- Over-the-air firmware upgrade
- Supports TCP, UDP, FTP
- Integrated GPS engine and GPS antenna
- Integrated dual-band cellular antenna
- Supports SMS connectivity
- Optional 250mAh battery
- Certifications: FCC, IC, PTCRB

Specifications



GPS



Cellular



Battery (Optional)

Mechanical

Dimensions 2.13" X 1.97" X 1.05" (5.3 x 5 x 2.7 cm)

Weight < 2 oz. (< 57 g)

Case Material PC

IP Rating IP 54 (Indoor)

Physical Connections

Operating Temperature -22°F to 158°F (-30°C to 70°C)

Harness Connector 14-pin micro-fit connector

Serial Interface UART

Power Requirement

DC Power DC 10-16V

Power Source (vehicle power)

Average Idle Current 40mA @ 12V

Sleep Current 5mA @ 12V

GPS Module

Receiver Type 72 channel

Tracking Sensitivity -166 dBm

Accuracy ± 2.5m CEP

Cellular Module

MNO AT&T, Verizon

Supported Region(s) US

4G LTE FDD Bands 1, 2, 3, 4, 5, 8, 12, 13, 18, 19, 20, 25, 26, 28

4G LTE TDD Bands 39

2G EGPRS Bands PCS (Band 2), DCS (Band 3), GSM (Band 5), E-GSM (Band 8)

Comm. Interfaces 4G LTE Cat M1, 2G EGPRS, 3GPP release 13

Power Class 3 (23 dBm)

SMS Support MT/MO