



XT4700 ASSET TRACKER



A unique combination of fleet and asset tracking

Self-contained LTE modem with integrated GPS engine, cellular antennas, accelerometer, motion detector, and 5Ah internal rechargeable battery

Designed with the latest GNSS technology for tracking under extreme conditions.

THE ASSET TRACKER ALWAYS ON A MISSION

The **XT4700** Series answers IoT and telematics opportunities not covered by majority of fleet or asset tracking devices on the market. This tracker is always on a mission offering monitoring and control of high-value remote assets where external power supply availability is a concern. That includes industrial generators, construction machinery, other specialized machinery and equipment, containers, trailers, and much more.

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

- AT&T or Verizon LTE Cat M1 or 4G Cat 1 with 3G fallback
- LED indicators for sensor activity and detections
- Over-the-air firmware upgrade
- Supports FTP, HTTP, HTTPS, and CoAP
- 3-axis accelerometer and motion detector
- Internal temperature sensor
- Integrated GPS receiver and LTE band antenna
- Integrated Bluetooth receivers[†]
- 5Ah rechargeable battery
- 4MB flash memory
- Certifications: FCC, PTCRP, IC

APPLICATIONS



High value remote assets



Industrial generators



Construction machinery



Specialized machinery and equipment

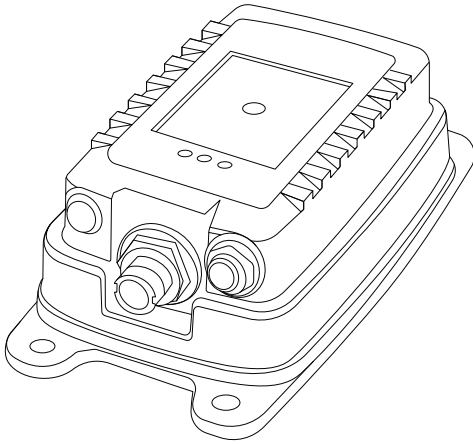


Containers



Trailers

XT4700 SPECIFICATIONS



MECHANICAL

Dimensions	5.13" x 2.72" x 1.61" (130.3 x 69.1 x 40.9 mm)
Weight	8.8 oz.(249.5 g.)
Case Material	PC+PBT
IP Rating	IP 66

ELECTRICAL

DC Power	DC 8-30V
Power Source	Internal 5 Ah Li-Ion battery
Sleep Current	<120 μ A typical

ENVIRONMENTAL

Operating Temperature*	-22°F to 158°F (-30°C to 70°C)
Harness Connector	8-pin circular bayonet

INTERFACES

Serial Interface	UART
Optional I/O	2 digital inputs, 3 ADC inputs, 1-wire bus
Multi-Function Button	1-wire bus discovery

COMMUNICATIONS

GPS Module	
- Receiver Type	72 channel
- Tracking Sensitivity	-165 dBm
- Accuracy	\pm 2.5m CEP Cellular Module
Cellular Module	
- MNO	AT&T, Verizon
- Supported Region(s)	US
- 4G LTE FDD Bands	2, 4, 5, 12, 13 ¹
- 3G UMTS Bands	2, 5
- Comm. Interfaces	4G CatM1 4G Cat1 with 3G
- Power Class	3 (23 dBm)
- SMS Support	MT/MO

* Operating Temp: range that the device will send data;
Charging temp: charges between 32°F to 113°F (0°C to 45°C)

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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.