

Trailer Trax

Trailer Tracking Solution

Trailer Trax is a self contained GPRS modem with integrated GPS engine and antenna, cellular and PCS antenna, optional motion detector, optional accelerometer and 6600 mAh internal rechargeable battery. With a powerful 32-bit microprocessor and unique power management algorithm, Trailer Trax consumes less than 120 μ A in sleep mode and yet capable of periodic reporting of health, status and location of remote assets. With multiple input and output ports along with proven embedded application, Trailer Trax is an ideal solution for monitoring and control of high value remote assets where input power availability is of concern.



Trailer Trax has been designed with the latest GPS technology allowing GPS tracking under extreme conditions where most other competing products fail. The weatherproof case (meets IEC 68-2-27 environmental standard and is IP66 certified) allows Trailer Trax to be used in a myriad of applications such as container, trailer and motorcycle tracking.

Trailer Trax is another example of Xirgo Technologies' dedication to the development of unique and flexible products to address ever growing number of applications and customer requirements.

Trailer Trax Specification Highlights	
GPRS class B multi-slot class 10	Supports TCP, UDP, FTP
Supports 850/900/1850/1900 MHz	Integrated GPS receiver and antenna for tracking applications
LED status indicators for GPS, Network registration	Supports SMS connectivity
Over-the-air configuration and firmware upgrade	Internal 6600 mA rechargeable battery for applications requiring longer battery life.



Frequency Band	850/900/1850/1900 MHz
Transmit Power	2W @ 850/900 MHz 1W @ 1800/1900 MHz
Status Indicators	Network registration/GPRS GPS status

GPS specification

• Receiver	50 channels
• Receiver Tracking Sensitivity	-161 dBm
• Accuracy	+/- 2.5m CEP
• Cold Start	< 33 sec
• Hot Start	< 1 sec

Network Functionality

- Auto-Register to GPRS network
- GPRS Class B, Multi-Slot 10
- Supports TCP, UDP and FTP
- OTA Firmware Upgrade Using FTP
- SMS connectivity

Power Requirement

• Input Power	6-24VDC
• Current	40 mA active average; 120 μ A sleep mode
• Battery	Internal 6600 rechargeable Li-Ion

Physical Connection

- 8 pin Microfit connector
- 4 I/O

Mechanical

• Case Material	ABS plastic with weather-proofing for outdoor use enclosure available
• Dimensions	4.58" X 2.88" X 1.67"
• Weight	8.5 oz.
• Operating Temperature	-30°C to +70°C
• Storage Temperature	-30°C to +70°C

Certifications

- PTCRB
- FCC
- IP66 Rated
- AT&T Network