



XT-5000G Ultra Low Power Rugged GPRS with Integrated GPS

XT-5000G is a fully self contained GPRS modem with integrated GPS engine, cellular and PCS antennas, motion detector, optional accelerometer and integrated 9,000 mAh internal battery. With a powerful 32-bit microprocessor and unique power management algorithm, XT-5000G consumes less than 120 μ A in sleep mode and yet capable of periodic reporting of health, status and location of remote assets. Equipped with a 9,000 mAh battery and proper configuration, XT-5000G can operate up to 3 years without a need for battery replacement.

XT-5000G has been designed for extreme environmental conditions. With a rugged construction based on IEC 68-2-27 environmental standard and IP66 certification, XT-5000G is an ideal solution for outdoor applications such as trailer and container tracking. XT-5000G has been designed with the latest GPS technology allowing GPS tracking under extreme conditions where most other competing products fail.

XT-5000G is another example of Logitrac's dedication to the development of unique and flexible products to address ever growing number of applications and customer requirements.



XT-5000G Specification highlights

- GPRS class B multi-slot class 10
- Supports 850/900/1850/1900 MHz
- LED status indicators for GPS, GSM registration
- Over-the-air configuration and firmware upgrade
- Supports TCP, UDP, FTP
- Integrated GPS receiver and antenna for tracking applications
- Supports SMS connectivity
- Internal 9,000 mAh non-rechargeable battery

Specifications

Frequency Band	850/1900 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

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|-----------|--|
| • Battery | Internal 9000 mAh battery |
| • Current | 40 mA active average; 120 μ A sleep mode |

Mechanical

- | | |
|-------------------------|---|
| • Case Material | ABS plastic– Other optional weather-proof Enclosure available |
| • Dimensions | 6.5" X 3.6" X 1.6" |
| • Weight | 12 oz. |
| • Operating Temperature | -30°C to +70°C |
| • Storage Temperature | -30°C to +70°C |

Certifications

- PTCRB
- FCC
- AT&T Network