



XT-5060G Ultra Low Power Rugged UMTS With Integrated GPS

XT-5060G is a self contained UMTS/HSPA 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-5060G consumes less than 150 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-5060G can operate up to 3 years without a need for battery replacement.

XT-5060G has been designed for extreme environmental conditions. With a rugged construction based on IEC 68-2-27 environmental standard and IP66 rating, XT-5060G is an ideal solution for outdoor applications such as trailer and container tracking. XT-5060G has been designed with the latest GPS technology allowing GPS tracking under extreme conditions where most other competing products fail.

XT-5060G 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-5060G Specification highlights

- 3G UMTS/HSDPA class A multi-slot
- 2G GPRS class B multi-slot
- 3G Bands 800/850/900/1700/1900/2100 MHz
- 2G Bands 850/900/1800/1900 MHz
- LED status indicators for GPS, Network registration
- Over-the-air configuration and firmware upgrade
- Supports TCP, UDP, FTP
- Integrated GPS receiver and antenna for tracking applications
- Supports SMS connectivity
- Internal 9000 mAh non-rechargeable battery

Specifications

Cellular Specification

3G UMTS/HSDPA/HSUPA Characteristics	2G GSM/GPRS/EDGE Characteristics
Class A User Equipment	Class B Mobile Station
UTRA FDD	GSM EDGE Radio Access (GERA)
3GPP Release 6 HSPA	3GPP Release 6
Six-band Support - Band I – 2100MHz - Band IV – 1700 MHz - Band II – 1900MHz - Band V – 850 MHz - Band III – 1800MHz - Band VIII – 900 MHz	Quad-band Support - GSM – 850 MHz - E-GSM – 900 MHz - DCS – 1800 MHz - PCS – 1900 MHz
WCDMA/HSDPA/HSUPA Power Class 3	GSM/GPRS Power Class - Power Class 4 for GSM / E-GSM - Power Class 1 for DCS / PCS EDGE Power Class - Power Class E2 for GSM / E-GSM - Power Class E2 for DCS / PCS
PS (Packet Switched) Data Rate - HSUPA category 6, up to 5.76 Mb/s UL - HSDPA category 8, up to 7.2 Mb/s DL - WCDMA PS data up to 384 kb/s DL / UL	PS (Packet Switched) Data Rate - GPRS multi-slot class 123, CS1-CS4, up to 85.6 kb/s DL / UL - EDGE multi-slot class 123, MCS1-MCS9, up to 236.8 kb/s DL / UL
CS (Circuit Switched) Data Rate - WCDMA CS data up to 64 kb/s DL / UL	CS (Circuit Switched) Data Rate - GSM CS data up to 9.6 kb/s DL / UL supported in transparent / non-transparent

GPS specification

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

Power Requirement

- Battery Internal 9000 mAh battery
- Current 40 mA active average; 150 µA sleep mode

Mechanical

- Case Material ABS plastic– Other optional weather-proofing
- 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

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