



XIRGO TECHNOLOGIES

XT-2160G with Integrated GPS

XT-2160G is a fully integrated tracking device for communicating mobile asset location information to owners via ubiquitous UMTS networks. With an integrated GPS engine, embedded cellular, PCS and GPS antennas, XT-2160G is a cost effective solution for monitoring vital location data for remote assets. XT-2160G provides 2 all purpose digital inputs and 1 internal analog input used to monitor battery voltage. In addition to multiple inputs, XT-2160G provides a digital output that can drive ignition relays. XT-2160G has an optional external GPS connector for instances where higher GPS sensitivity is required. With it's compact design, XT-2160G can be covertly installed in tight locations.

With its highly mature firmware, XT-2160G supports TCP, UDP, FTP and is capable of firmware update and configuration over-the-air.

XT-2160G is another example of Xirgo Technologies' dedication to design and manufacture of innovative products.



XT-2160G 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 lock and network registration
- Over-the-air firmware upgrade
- Supports TCP, UDP, FTP
- Integrated GPS engine and GPS antenna
- Supports SMS connectivity

Specifications

Cellular Specification

3G UMTS/HSDPA/HSUPA Characteristics	2G GSM/GPRS/EDGE Characteristics
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

GPS specification

- Receiver 50 channel
- Receiver Sensitivity -161 dBm
- Accuracy +/- 2.5m CEP
- Cold Start < 33 sec (@ 45 dB C/N)
- Hot Start < 1 sec (@ 45 dB C/N)

Power Specifications

- D.C. Power 10-16 VDC

Physical Connection

- Power and input/output 14 pin Micro Fit Connector

Mechanical

- Case Material ABS plastic
- Dimensions 2.0" X 1.8" X 1"
- Weight < 2 oz.
- Operating Temperature -30°C to +70°C
- Storage Temperature -30°C to +70°C

Certifications

- PTCRB
- FCC
- AT&T, Sprint, Verizon

Xirgo Technologies

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