



XIRGO TECHNOLOGIES

## XT-2150C CDMA Modem with Integrated GPS

XT-2150C is a fully integrated tracking device for communicating mobile asset location information to owners via ubiquitous CDMA networks. With an integrated GPS engine, embedded cellular, PCS and GPS antennas, XT-2150C is a cost effective solution for monitoring vital location data for remote assets. XT-2150C provides 2 all purpose digital inputs and 1 internal analog input used to monitor battery voltage. In addition to multiple inputs, XT-2150C provides a digital output that can drive ignition relays. XT-2150C has an optional external GPS connector for instances where higher GPS sensitivity is required. With it's compact design, XT-2150C can be covertly installed in tight locations.

With its highly mature firmware, XT-2150C supports TCP, FTP, HTTP, UDP and is capable of firmware update and configuration over-the-air.

XT-2150C is another example of Xirgo Technologies' dedication to design and manufacture of innovative products.



### XT-2150C Specification highlights

- CDMA 1xRTT
- 1xRTT Supports 800 /1900 MHz dual band
- LED status indicators for GPS and CDMA registration
- Over-the-air firmware upgrade
- Supports TCP, FTP, HTTP and UDP
- Integrated GPS engine and GPS antenna
- Supports SMS connectivity

# Specifications

## Cellular Specification

CDMA 2000 1xRTT Characteristics
Dual-band Support - 800 MHz Cellular Band - 1900 MHz PCS Band
Protocol - Supports TCP, FTP, HTTP and UDP
PS (Packet Switched) Data Rate - CDMA PS data up to 153 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
- 800 MHz Cellular Band 35mA average @12V
- 1900 MHz PCS Band 30mA average @12V

## 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.
- Normal Operating Temperature -30°C to +75°C
- Storage Temperature -40°C to +80°C

## Certifications

- FCC
- IC (Industry Canada)
- Sprint Network (pending)
- Verizon Network

**Xirgo Technologies**

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