



## XT-5050C Ultra Low Power Device with Integrated GPS

XT-5050C is a self contained CDMA 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-5050C consumes less than 150  $\mu$ 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-5050C can operate up to 3 years without a need for battery replacement.

XT-5050C has been designed for extreme environmental conditions. With a rugged construction based on IEC 68-2-27 environmental standard and IP66 rating, XT-5050C is an ideal solution for outdoor applications such as trailer and container tracking. XT-5050C has been designed with the latest GPS technology allowing GPS tracking under extreme conditions where most other competing products fail.

XT-5050C 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-5050C Specification highlights

- CDMA 1xRTT
- 1xRTT Supports 800/1900 MHz dual band
- LED status indicators for GPS, CDMA Network registration
- Over-the-air configuration and firmware upgrade
- Supports TCP, FTP, HTTP and UDP
- Integrated GPS receiver and antenna for tracking applications
- Supports SMS connectivity
- Internal 9000 mAh non-rechargeable battery

# 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 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

## 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 +75°C
- Storage Temperature -40°C to +80°C

## Certifications

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