



XIRGO TECHNOLOGIES

XT-4750C Outdoor CDMA Modem with Integrated GPS

XT-4750C series is a self contained CDMA modem with integrated GPS engine and antenna, cellular and PCS antenna, optional motion detector, optional accelerometer and 6600 mAh internal rechargeable battery. With a powerful 32-bit microprocessor and unique power management algorithm, XT-4750C consumes less than 120 μ A in sleep mode and yet capable of periodic reporting of health, status and location of remote assets. With multiple input and output ports along with proven embedded application, XT-4750C is an ideal solution for monitoring and control of high value remote assets where input power availability is of concern.

XT-4750C has been designed with the latest GPS technology allowing GPS tracking under extreme conditions where most other competing products fail. The weatherproof case (meets IEC 68-2-27 environmental standard and is IP66 certified) allows XT-4750C to be used in a myriad of applications such as container, trailer and motorcycle tracking.

XT-4750C is another example of Xirgo Technologies' dedication to the development of unique and flexible products to address ever growing number of applications and customer requirements.



XT-4750C 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 6600 mA rechargeable battery for applications requiring longer battery life.

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

- Input Power 6-24VDC
- Battery Internal 6600 rechargeable Li-Ion

Physical Connection

- 8 pin Microfit connector
- 4 I/O

Mechanical

- Case Material ABS plastic with weather-proofing for outdoor use
- Dimensions 4.58" X 2.88" X 1.67"
- Weight 8.5 oz.
- Operating Temperature -30°C to +75°C
- Storage Temperature -40°C to +80°C

Certifications

- FCC
- IC (Industry Canada)
- IP66 Rated
- Sprint Network
- Verizon Network

Xirgo Technologies

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