



XIRGO TECHNOLOGIES

## XT-4700G Outdoor Wireless Gateway with Integrated GPS

XT-4700G is a self contained GPRS 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-4700G consumes less than 120  $\mu$ 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-4700G is an ideal solution for monitoring and control of high value remote assets where input power availability is of concern.

XT-4700G 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-4700G to be used in a myriad of applications such as container, trailer and motorcycle tracking.

XT-4700G 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-4700G Specification highlights

- GPRS class B multi-slot class 10
- Supports 850/900/1850/1900 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 6600 mA rechargeable battery for applications requiring longer battery life.

# Specifications

Frequency Band	850/900/1850/1900 MHz
Transmit Power	2W @ 850/900 MHz 1W @ 1800/1900 MHz
Status Indicators	Network registration/GPRS GPS status

## **GPS specification**

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

## **Network Functionality**

- Auto-Register to GPRS network
- GPRS Class B, Multi-Slot 10
- Supports TCP, UDP and FTP
- OTA Firmware Upgrade Using FTP
- SMS connectivity

## **Power Requirement**

• Input Power	6-24VDC
• Current	40 mA active average; 120 $\mu$ A sleep mode
• 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 enclosure available
• Dimensions	4.58" X 2.88" X 1.67"
• Weight	8.5 oz.
• Operating Temperature	-30°C to +70°C
• Storage Temperature	-30°C to +70°C

## **Certifications**

- PTCRB
- FCC
- IP66 Rated
- AT&T Network

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