



XIRGO TECHNOLOGIES



XT-2200  
IntelliLite  
Portable Tracking  
GPRS Modem with Integrated GPS



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IntelliLite is a technology platform that allows Xirgo to rapidly develop customized battery operated tracking device designed for locating and recovering valuable assets using ubiquitous GSM/GPRS network. With its extremely compact design which includes an integrated GPS engine, embedded cellular, PCS and GPS antennas, an integrated GPRS modem and a rechargeable lithium polymer battery, IntelliLite can be placed on virtually any size asset.

With multiple active Geofences IntelliLite can be configured to monitor, detect and locate lost assets when outside of pre-set geographical boundary. With proven firmware and an advanced power management algorithm, the time between battery charging is maximized.

IntelliLite is another example of Xirgo Technologies' dedication to a flexible design-to-manufacture model that reduces time-to-market for customized products for various asset tracking applications.



### XT-2200 Feature Summary

- GPRS class B multi-slot class 10
- Supports 850/1900 MHz
- Over-the-air firmware upgrade
- Supports TCP and UDP
- Multiple Geofence storage
- No external antennas or power connectors needed
- Low battery alert

# Specifications

Frequency Band 850/1900 MHz, 900/1800 MHz  
Transmit Power 33 dBm@ 850-900 MHz  
30 dBm @ 1800-1900 MHz

## **GPS specification**

- Receiver 16 channel
- Receiver Sensitivity -158 dBm
- Accuracy +/- 2.5m CEP
- Cold Start <38 sec (@ 45 dB C/N)
- Hot Start < 3 sec (@45 dB C/N)

## **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

## **Key Operational Features**

Numerous Optional Geofence Modes  
Convenience Geofence  
Active Geofence

Radius only, use current position as center  
Circle: radius and absolute coordinate center  
Square/rectangle: absolute coordinate corners  
Polygon: absolute coordinate corners

FW Update OTA download

Low Battery Alert Send alert message when Battery voltage is estimated to have approximately 3 hours of Alert Reporting remaining.

## **Physical Connection**

Power Connector DC Power Jack

Antenna Embedded dual band GSM antenna  
Embedded GPS antenna

## **Mechanical**

Case Material Black ABS plastic  
Dimensions (approx.) 2.85"x 1.65"x 0.75"  
Weight 2.4 oz.

## **Environmental**

Operating Temperature -30°C to +70°C (not including SIM card)  
Relative Humidity: 95 percent RH, non-condensing  
Water Resistant



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