

XT 4760

Ruggedized, plug-and-play cellular-based tracking

Visibility and control of chassis, gensets, flatbeds and other powered assets



The XT 4760 is a rugged, compact plug-and-play device that enables two-way monitoring and control of chassis, gensets, flatbeds and other powered assets. In tandem with ORBCOMM's web-based telematics application, CargoWatch, the device enhances visibility into freight management operations, resulting in more accurate on-time deliveries, ETAs and in-route location updates for better customer service and satisfaction.

As an economical alternative to more advanced tracking solutions, it features a flexible messaging schedule that provides up-to-date reports and real-time alerts on asset status, location, history, arrival/departure and load status to improve operational efficiency, asset utilization and maintenance costs.

Enables better business planning

Event-based alerts, onboard geofences and dots-on-the-map functionality bring awareness of asset status, location, arrivals and departures and historical data to enable better decision making and business planning.

Streamlines operations and minimizes theft

The XT 4760 provides customers advanced reports and analytics for visibility and control of operations to improve asset utilization, streamline processes, automate inventory management and minimize theft. It also assists in theft recovery, as its discrete design blends into the asset.

Built to work in extreme weather

The XT 4760 is ruggedized, with an IP66-rated enclosure to maintain real-time two-way connectivity with remote assets under extreme weather conditions. Reports and alarms keep flowing, even when the going gets tough.

Continuous operation and hassle-free management

The XT 4760 is powered from the asset and features a built-in backup battery that provides up to 90 days of operation (based on configuration). Remote SMS/GPRS configuration and management and over-the-air firmware updates save costs and take the hassle out of manual IT work.

Cellular connectivity with GPS

Compact and ruggedized

Long-lasting rechargeable battery

Accelerometer and motion sensor

Onboard geofences

Quick and easy installation

Minimal upfront investment



Cellular

3G UMTS/HSDPA/HSUPA characteristics:

- Class A user equipment
- UTRA FDD
- 3GPP Release 6 HSPA
- Six-band support:
 - » Band 1 – 2100 MHz
 - » Band 2 – 1900 MHz
 - » Band 3 – 1800 MHz
 - » Band 4 – 1700 MHz
 - » Band 5 – 850 MHz
 - » Band 8 – 900 MHz
- WCDMA/HSDPA/HSUPA Power Class 3
- Packet switched (PS) data rate:
 - » HSUPA Cat 6, up to 5.76 Mb/s DL
 - » HSDPA Cat 8, up to 7.2 Mb/s DL
 - » WCDMA PS data up to 384 kb/s DL/UL
- Circuit switched (CS) data rate:
 - » WCDMA CS data up to 64 kb/s DL/UL

2G GSM/GPRS/EDGE characteristics:

- Class B mobile station
- GSM EDGE radio access (GERA)
- 3GPP Release 6
- Quad-band support:
 - » GSM – 850 MHz
 - » DCS – 1800 MHz
 - » E-GSM – 900 MHz
 - » PCS – 1900 MHz
- GSM/GPRS power class:
 - » Power Class 4 for GSM/E-GSM
 - » Power Class 1 for DCS/PCS
- EDGE power class:
 - » Power Class E2 for GSM/E-GSM
 - » Power Class E2 for DCS/PCS
- Packet switched (PS) data rate:
 - » GPRS multi-slot class 123, CS1-CS4, up to 85.6 kb/s DL/UL
 - » EDGE multi-slot class 123, MCS1-MCS9, up to 236.8 kb/s DL/UL
- Circuit switched (CS) data rate:
 - » GSM CS data up to 9.6 kb/s DL/UL supported in transparent/non-transparent

Mechanical

- Case material: ABS plastic
- Dimensions: 116.3 x 73.2 x 42.4 mm
- Weight: 241 g
- Operating temperature: -30° C to +70° C
- Storage temperature: -30° C to +70° C

Electrical usage

- Input voltage: 6V DC to 24V DC
- Input current:
 - » Active average: 40 mA
 - » Sleep mode: 120 μ A
- Battery: Internal 6600 mAh rechargeable Li-ion
- Load dump protected

GPS

- Receiver: 50 channels
- Receiver tracking sensitivity: -161 dBm
- Accuracy: +/- 2.5m CEP
- Cold start: < 33 sec
- Hot start: < 1 sec

Certifications

- PTCRB
- FCC
- IP66 rated
- AT&T network

Physical connection

- 8-pin Microfit connector
- 4 I/O

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