



aTrac-XT

Stay Connected

The aTrac-XT is a child and car locator but powerful enough to be used by security departments, law enforcement travelers and used in packages/cargo on the move. It can send alerts when the person carrying it goes out of a virtual boundary you set. It has play back historical journeys and you can see real-time status and receive a number of alerts/reports delivered to your mobile or email.

COMPETITIVE PRICE, COMPETITIVE TECHNOLOGY, COMPETITIVE EDGE

The aTrac-XT is a battery operated rechargeable micro tracking device that combines exceptional accuracy and long battery life in an incredibly small form factor. It can withstand the harshest weather environments and offers advanced features not found in other devices on the market. The rugged enclosure is designed to withstand the outdoor elements that are typically seen by people traveling or used in packages/cargo on the move. Superior accuracy is made possible by advanced internal antennas for both cellular and GPS. A Panic Button allows for rapid notification of a duress situation.

FLEXIBILITY

The aTrac-XT is perfect for executive protection services, personnel tracking, child safety, or any other application where having insight allows remote management and peace of mind. Small and light weight, handing over an aTrac-XT is the easiest way to have a presence when you can't physically be there.

OVER-THE-AIR SERVICEABILITY

The aTrac-XT device utilizes our best-in-class server platform which allows you to alert on virtual boundary (geo-fence) violations, play back historical journeys, see real-time status and receive a number of alerts/reports delivered to your mobile or email. Our partners can provide 24x7 coverage via their state of the art command centers as an added service.

Experience The Advantage

- ❖ Lithium-Ion 2000mAh
- ❖ IPX5 weatherproof rating
- ❖ Email and SOS Alerts (server-side)
- ❖ Panic Button
- ❖ Unlimited Geo-fences (server-side)
- ❖ Low Power, On, Off Alarm
- ❖ 500 Buffered Messages for no GSM coverage
- ❖ 5 Built-In Geo-fences
- ❖ Mini-USB charging interface
- ❖ Charger included

aTrac-XT TECHNICAL SPECIFICATIONS

GENERAL

Communication Modes	GPRS/EDGE/HSPA and CDMA 1xRTT packet data, UDP and SMS
Location Technology	50 channel GPS
Operating Voltage	12 and 24 volt vehicle systems

CELLULAR

Internal Cellular Antenna	
Data Support	SMS, UDP or GPRS/EDGE/HSPA packet data
Operating Bands (MHz):	
GSM/GPRS:	850/900/1800/1900
HSPA/UMTS:	850(V)/900(VIII)/1900(II)/2100(I)
HSPA Fallback:	EDGE/GPRS/GSM quad band
Transmitter Power	GSM/GPRS: 850/900 32.5dB 1800/1900 29.5dB

GPS

50 channel	GPS (with SBAS) SBAS: WAAS, EGNOS, MSAS, GAGAN
Location Accuracy	2.0 meter CEP (with SBAS)
Tracking Sensitivity	-162dBm
Acquisition Sensitivity	-147dBm
AGPS Capable	
Wi-Fi	

ELECTRICAL

Operating Voltage	4.2V internal battery pack
Power Consumption	
Typical	200µA @4.2V (deep sleep)
Typical	21.5 mA @ 4.2V
Typical	(SMS+UDP connection, GPS off)
Ultra low power sleep mode	89.9 mA @ 4.2V (continuous transmit)

Automatic over-the-air configuration on power up

ENVIRONMENTAL

Temperature	-23°C to +85° C (operating); -40°C to +85° C (storage)
Humidity	Up to 95% non-condensing
RoHS Compliant	

PHYSICAL

Dimensions	68.6 x 40.1 x 29.1 (mm)
Weight	62g
External SIM Access	On-board serial port access via USB Cable
Battery	Rechargeable Lithium-Ion 2000mAh

CONNECTORS, SIM ACCESS

SIM Access	Internal
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CERTIFICATIONS

Certifications FCC/PTCRB/IC/CE/AT&T

DEVELOPMENT

Customized hardware and software development available on request

KEY FEATURES

- Wi-Fi
- Superior GPS Performance
- Built in 3-axis Accelerometer for Motion Alert with configurable thresholds
- Voltage monitoring and Low Battery notification
- Blue Tooth Option
- Light Sensor (Optional)
- On-board temperature sensor
- Inductive Charging (Optional)
- IO Ports