

AirLink™ PinPoint XT Mobile Tracking Gateway

Powerful, Cost-Effective, In-Vehicle Tracking and Asset Management Platform

The AirLink™ PinPoint XT is a leading-edge vehicle tracking and asset management platform, ideally suited for Mobile Resource Management (MRM), fleet management, real-time dispatch and Automatic Vehicle Location (AVL) applications.

INTELLIGENT TRACKING AND ASSET MANAGEMENT

Powered by ALEOS™ technology, the PinPoint XT provides secure, end-to-end intelligence for management of remote assets. The GPS receiver constantly computes the vehicle location, and position reports are relayed over the cellular data network based on time and/or distance. Flexible I/O capabilities enable remote vehicle instrumentation, making the Pinpoint XT ideally suited for a broad range of fleet management, real-time dispatch, and AVL applications.

The advanced PinPoint XT mobile communications gateway offers customers simplified installation and provisioning, persistent connection maintenance, and remote management and control through the comprehensive set of AirLink Software tools.

EXCEPTION BASED EVENTS REPORTING

The PinPoint XT is embedded with a sophisticated exception based events reporting engine, powered by ALEOS. By utilizing an intuitive user interface, a fleet administrator can select what data to collect, when to collect it, and how to have the information delivered, including e-Mail and SMS options. This advanced capability ensures time-sensitive information is presented in the right place, at the precise time needed for better decision making and overall system efficiency.

COMPLETE THIRD-PARTY INTEGRATION

By leveraging the highly efficient location based services protocol feature built into ALEOS, third-party application providers can more thoroughly integrate GPS tracking applications – including digital and analog input status, odometer readings, low power state information, and network signal strength – with the PinPoint XT. This feature enables seamless incorporation of both location and event data into any third party application.



KEY BENEFITS:

- Persistent network connectivity for uninterrupted, bi-directional communications
- Highly configurable real-time exception based reporting
- Rugged design for use in extreme conditions
- Compact form factor for easy installation
- Robust integration with third party application providers

POWERED BY: ALEOS



AirLink™

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Technical Specifications

PRODUCT FEATURES

- Embedded Intelligence
- I/O Ports
- Low Power Mode
- Compact Design

SECURITY AND INTELLIGENCE

- IPsec VPN
- GRE Tunneling
- Events Reporting Engine
- Routing Protocols
- Highly Configurable

GPS TECHNOLOGY

- Time to First Fix: 39 sec
- Horizontal Accuracy:
< 3 meters 50% CEP

TECHNOLOGY

- CDMA EV-DO Rev. A with fallback to: CDMA EV-DO Rev. 0, CDMA 1xRTT
- or
- GPRS (MS-12)

ENVIRONMENTAL

- Operating temperature range:
-30°C to +70°C / -22°F to +158°F
- Storage temperature:
-40°C to +85°C / -40°F to +185°F

DIMENSIONS

- 76 mm x 27 mm x 121 mm
3.0 in x 1.1 in x 4.8 in
- 317 grams
11.2 oz

BANDS

- Dual-Band EV-DO Rev. A
800, 1900 MHz
- or
- Quad-Band
850, 900, 1800, 1900 MHz

STANDARDS/APPROVALS

- FCC
- Industry Canada
- RoHS
- PTCRB
- CE
- Carrier Specific Approvals

HOST INTERFACES

- USB 2.0 (Mini-B5)
 - I/O GPRS Version: 3 analog inputs, 3 digital inputs, 2 relay outputs
- or
- I/O CDMA version: 3 analog inputs, 3 digital inputs, 6 programmable I/Os
 - Antenna Connections:
RF - 50 Ohm SMA
GPS - 50 Ohm SMA
 - RS-232: with adapter cable (300 - 115200 baud)

APPLICATION INTERFACES

- TCP/IP, UDP/IP, DHCP, HTTP, SNMP, SMTP, SMS, MSCI, NMEA, TAIP, GPS Binary

LED INDICATORS

- GPS
- Network
- Power



APPLICATIONS:

- Fleet Management
- Automatic Vehicle Location
- Asset Tracking
- Vehicle Telemetry
- Mobile Resource Management
- Field Service

