

# AirLink™ PinPoint XT Mobile Tracking Gateway

## In-Vehicle Tracking and Asset Management Platform

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

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.

### EXCEPTION BASED EVENTS REPORTING

The PinPoint XT is embedded with a sophisticated exception based events reporting engine. With an intuitive user interface, fleet administrators can select what data to collect, when to collect it, and how to have the information delivered to ensure time-sensitive information is presented in the right place, at the precise time needed for better decision making and overall system efficiency.

### COMPREHENSIVE THIRD-PARTY INTEGRATION

By leveraging our highly efficient location based services Remote Application Protocol (RAP) feature application, providers can 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.

### RUGGED INTELLIGENCE

ALEOS™, the long-standing industry benchmark for embedded intelligence, powers AirLink devices, and supports 24/7 always-on availability, persistent connectivity, end-to-end security, real-time two-way data exchange, and remote device management. Designed to meet the needs of industrial M2M, enterprise solutions and mobile applications, ALEOS features embedded machine protocols, routing and location protocols. To ensure reliable, advanced security, ALEOS includes IPsec VPN and GRE tunneling.

### REMOTE MANAGEMENT

ALEOS powered devices include the AirLink suite of management tools enabling remote configuration, administration, and control of deployments of any size, from one device to thousands.

Together, ALEOS and the AirLink management tools enable customers to extend their enterprise by managing deployments from a central location, or anywhere with an Internet connection.



### 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: 

  
SIERRA  
WIRELESS™

AirLink™

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## Technical Specifications

### PRODUCT FEATURES

- ALEOS Embedded Intelligence
- I/O Ports
- Low Power Mode
- Compact Design
- 1 Year Warranty

### 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

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

### BANDS

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

### 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

### 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, 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

