

# AIRLINK™ PINPOINT IN-VEHICLE DATA AND TRACKING DEVICE FOR CDMA 1X NETWORKS

## KEY FEATURES

### ■ Markets

Public Safety  
Field Service  
Automatic Vehicle Locations (AVL)

### ■ Product Features

Embedded Intelligence  
High-Sensitivity GPS Chip  
Serial Port  
Rugged Enclosure  
Embedded GPS Enclosure  
Low Power Mode

### ■ Product Benefits

Persistent Network Connectivity  
Rugged for Extreme Environments  
Remote Management and Configuration  
Integrated with 3rd Party Tracking Applications  
Minimal Battery Drain

## TECHNICAL SPECIFICATIONS

### ■ Technology

CDMA 1xRTT  
With fallback to:  
CDMA IS-95

### ■ Bands

800 MHz Cellular  
1900 MHz PCS

### ■ Environmental

Operating Temperature:  
-30 to 65° Celsius  
Storage Temperature:  
-40 to 85° Celsius

### ■ Power Consumption (@12V DC)

Transmit/Receive (Typical/Max) 300/300 mA  
Input Current 20 mA to 350 mA  
Dormant 60 mA  
Low Power Mode 20 mA  
Input Voltage 9 - 28V DC

### ■ Standards/Approvals

FCC  
Industry Canada  
Carrier specific approvals

### ■ Host Interfaces

RS-232: DB9 (1200-230400 baud)  
Antenna Connection:  
RF - 50 Ohm TNC  
GPS - 50 Ohm SMA

### ■ Dimensions

172mm x 83mm x 51mm  
907 grams

### ■ Application Interfaces

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

### ■ LED Indicators

Channel  
Link  
Registration  
RSSI  
Tx  
Rx  
Error  
GPS  
Power

### ■ For More Information

North America and Asia  
Tel: +1 510 781 4200  
Fax: +1 510 781 4299  
Europe  
Tel: +44 20 8 622 3015  
Fax: +44 20 8 622 3206

E-mail:  
MobileandM2MSales@sierrawireless.com  
Web site:  
[www.sierrawireless.com](http://www.sierrawireless.com)

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For more information, please visit our website, [www.sierrawireless.com](http://www.sierrawireless.com).

SIERRA WIRELESS  
**AIRLINK™ PINPOINT**  
(CDMA 1X NETWORKS)

Access the data

Track your fleet

Improve your business



**SIERRA WIRELESS**  
HEART OF THE WIRELESS MACHINE®

# AIRLINK™ PINPOINT IN-VEHICLE DATA AND TRACKING DEVICE FOR CDMA 1X NETWORKS

## ■ Rugged Mobility

Combining the rich, location-based intelligence provided by ALEOS™ with an embedded, high-precision GPS receiver, the PinPoint provides a cost-effective and robust platform for countless mobile workforce and asset tracking applications. Tightly integrated with several third-party tracking applications, the PinPoint is a flexible and scalable communications platform for many location-based and mobile data solutions.

## ■ Reliable, Widely Available CDMA Coverage

Featuring a robust processor and ALEOS intelligence the PinPoint is designed to provide a consistent, reliable connection to the pervasive internet. Embedded with widely available CDMA 1x wireless technology, the PinPoint provides reliable, ubiquitous access to your mobile assets. Thanks to the large footprint of CDMA technology your fleet is never out of reach.

## ■ The ALEOS™ Advantage

ALEOS, the embedded core technology available only from Sierra Wireless, simplifies installation, operation and maintenance of any solution, and provides an always-on, always-aware intelligent connection for mission-critical applications. Benefits of ALEOS include:

- Persistent Network Connectivity
- Real-Time Notification
- Over-The-Air (OTA) Upgrades
- Wireless Optimized TCP/IP
- Extensive Machine Protocols
- Packet Level Diagnostics
- Device Management & Control
- Protocol Spoofing

## ■ AceWare™ Device Management

AceWare, the Sierra Wireless suite of tools and utilities, leveraging the intelligence of ALEOS, simplifies deployment as well as remote monitoring, control and management of the entire wireless solution.

### AceManager

Remote device configuration and management tool.

- Network Connectivity, Throughput and Signal Strength
- Real-Time Device Status and Health
- Comprehensive OTA Device Configuration and Firmware Updates

### AceNet

Enterprise-grade device management application.

- One-to-Many Device Configuration and Management
- OTA Parameter Settings and Firmware/PRL Updates
- Logs Performance Statistics
- Charts Modem Behavior for Performance Analysis

### AceView

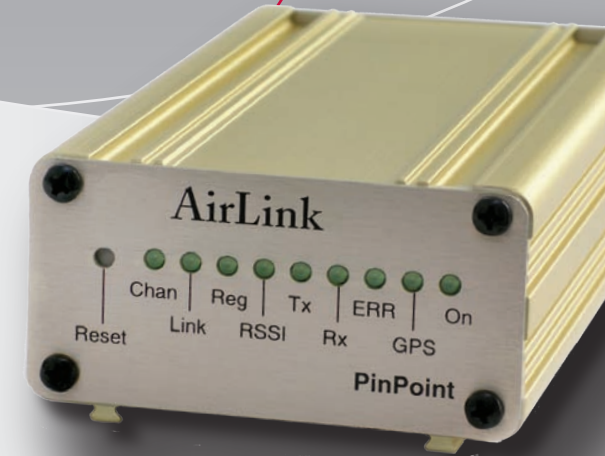
Efficient status and connection monitoring application.

- Low-Profile, Easy-To-Read, On-Screen User-Interface
- Modem Status, Connectivity, Signal Strength
- GPS Signal and Mapping

## ■ Sierra Wireless Reliability And Support

Sierra Wireless has over 13 years experience and a solid reputation for high quality data products backed by a dedicated field and call center support team. For customers, the AirLink™ brand means reliable, intelligent data devices that enable enterprise customers to enhance their operations while reducing costs and increasing revenues.

Applications	
✓	Field Force Automation
✓	Fleet Management
✓	GPS Location
✓	Law Enforcement
✓	Fire and Rescue



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