

AIRLINK™ PINPOINT X MOBILE NETWORKING AND COMMUNICATIONS PLATFORM FOR EV-DO REVISION A NETWORKS

KEY FEATURES

■ Markets

Mobile Data
Public Safety
Field Service
Automatic Vehicle Location (AVL)

■ Product Features

Embedded Intelligence
High-Speed Processor
Multiple Interfaces, I/O Ports
Mil Spec Certified
Low Power Mode
3 Year Warranty

■ Product Benefits

Persistent Network Connectivity
High-Speed 2-way Data
Rugged for Extreme Environments
Extensive Vehicle Telemetry
Remote Management and Configuration

TECHNICAL SPECIFICATIONS

■ Technology

CDMA EV-DO Revision A
With Fallback to:
CDMA 1x EV-DO (Release 0)
CDMA 1xRTT
CDMA IS-95

■ Bands

800 Mhz Cellular
1900 Mhz PCS

■ Environmental

Operating Temperature:
-30 to 70° Celsius
Storage Temperature:
-40 to 85° Celsius

■ Power Consumption (@12V DC)

Transmit/Receive (Typical/Max): 316/340 mA
Idle: 166 mA
Low-Power Mode: 54 mA
Input Voltage: 9 - 28V DC

■ Standards/Approvals

FCC
Industry Canada
Mil-Std 810-F
Carrier specific approvals

■ Host Interfaces

Ethernet: 10/100 Mbps RJ-45
USB Type B
RS-232: DB9 DCE (300-230400 baud)
I/O: 4 Digital, 4 Analog, 2 Relay
Antenna Connection:
Primary - 50 Ohm TNC
Receive Diversity - 50 Ohm SMA
GPS - 50 Ohm SMA

■ Dimensions

162 mm x 40 mm x 109 mm
612 grams

■ Application Interfaces

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

■ LED Indicators

Network
Signal
Activity
Service
GPS
Power

■ For More Information

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**SIERRA WIRELESS, CONNECTING PEOPLE AND SYSTEMS TO MOBILE
BROADBAND NETWORKS AROUND THE WORLD**

Sierra Wireless modems and software connect people all over the world with mobile broadband networks that keep them in touch, informed, and productive from wherever they need to be. The Company offers a diverse product portfolio addressing enterprise, consumer, original equipment manufacturer, machine-to-machine, and specialized vertical industry markets. Sierra Wireless also provides professional services to customers requiring expertise in wireless design, integration, and carrier certification.

For more information, please visit our website, www.sierrawireless.com.

SIERRA WIRELESS
AIRLINK™ PINPOINT X
(EV-DO REVISION A NETWORKS)

Access vital data

Enhance your response time

Improve your business



AIRLINK™ PINPOINT X MOBILE NETWORKING AND COMMUNICATIONS PLATFORM FOR EV-DO REVISION A NETWORKS

■ Rugged Intelligence

Powered by ALEOS™ technology, the PinPoint X is a powerful, robust in-vehicle communications platform with a high-speed processor enabling mobile broadband data access. The GPS receiver and embedded location protocols allow for accurate vehicle tracking, and expanded I/O functionality unleashes extensive remote instrumentation possibilities. In a sleek form-factor with a rugged aluminum case, the PinPoint X is Mil-Spec certified for reliable use in extreme environments.

■ Next Generation EV-DO Wireless Data

Featuring an advanced processing power and expanded memory, the PinPoint X is optimized for high-speed cellular networks. Leveraging high-speed EV-DO Revision A technology, the Sierra Wireless AirLink PinPoint X provides wide area wireless data access at speeds up to 3.1 Mbps downlink and 1.8 Mbps uplink. Users can expect average upload speeds of 300 - 500 Kbps, and download speeds of 450 Kbps - 1.4 Mbps. In areas where EV-DO Rev A is not available the PinPoint X is backward compatible to EV-DO Rev 0 and CDMA 1x technology.

■ 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
- Events Reporting
- Packet Level Diagnostics
- Device Management & Control
- Remote Application Protocol

■ 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

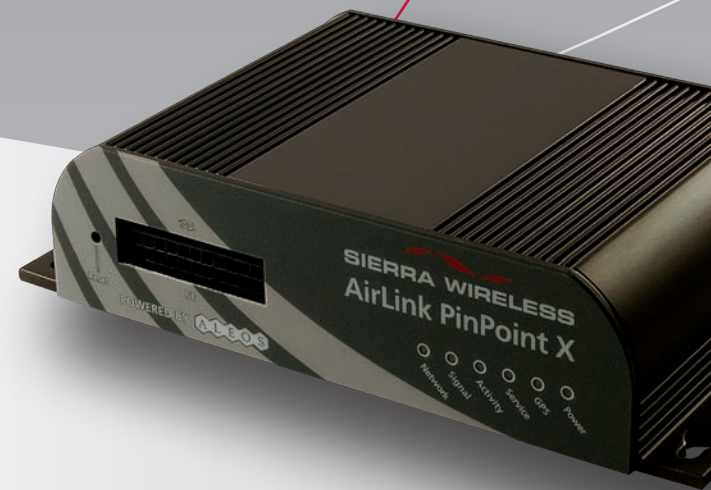
Efficient status and connection monitoring application.

- 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
✓	Mobile Office
✓	Fleet Management
✓	GPS Location
✓	Law Enforcement
✓	Fire and Rescue
✓	Vehicle Telemetry



POWERED BY: ™