

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

■ **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

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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



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.



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. 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 **ALEOS**™