

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

TECHNICAL SPECIFICATIONS

- **Technology**
HSDPA
With Fallback to:
UMTS
EDGE
GPRS (MS-12)
- **Bands**
Dual Band UMTS/HSDPA
850 MHz and 1900 MHz
Quad Band GPRS/EDGE
850 MHz, 900 MHz, 1800 MHz and
1900 MHz
- **Environmental**
Operating Temperature:
-30 to 70° Celsius
Storage Temperature:
-40 to 85° Celsius
- **Power Consumption:**
(@12V DC)
Transmit/Receive (Typical/Max) 382/414 mA
Idle 186 mA
Low Power Mode 54 mA
Input Voltage 9 - 28V DC

- **Standards/Approvals**
FCC
Industry Canada
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
GPS - 50 Ohm SMA
- **Dimensions**
135mm x 38mm x 91mm
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.

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Access vital data

Enhance your response time

Improve your business



■ **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. A 16-channel 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 HSDPA Wireless Data**

Featuring an advanced processing power and expanded memory, the PinPoint X is optimized for high-speed cellular networks. Leveraging high-speed HSDPA technology, the Sierra Wireless AirLink PinPoint X provides wide area wireless data access at speeds up to 1.8 Mbps downlink and 384 Kbps uplink. Users can expect average upload speeds of 220 - 320 Kbps, and download speeds of 500 - 800 Kbps. In areas where HSDPA is not available the PinPoint X is backward compatible to UMTS, EDGE and GPRS 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
- 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
✓	Mobile Office
✓	Fleet Management
✓	GPS Location
✓	Law Enforcement
✓	Fire and Rescue
✓	Vehicle Telemetry



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