AIRLINK™ PINPOINT-E
IN-VEHICLE DATA AND TRACKING DEVICE FOR EDGE NETWORKS

KEY FEATURES

■ Markets
Public Safety
Field Service
Automatic Vehicle Location (AVL)

■ Product Features
Embedded Intelligence
High-Sensitivity GPS Chip
Ethernet and Serial Port
Rugged Enclosure
Low Power Mode

■ Product Benefits
Persistent Network Connectivity
Rugged for Extreme Environments
Remote Management and Configuration
Integrated with 3rd Party Tracking
    Applications

TECHNICAL SPECIFICATIONS

■ Technology
GSM EDGE
With Fallback to:
    GPRS (MS-12 Supported)

■ Bands
Quad Band
    850/1900 Mhz and 900/1800 Mhz

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

■ Power Consumption:
(@12V DC)
Transmit/Receive (Typical/Max) 300/300 mA
Idle 100 mA
Input Current 90 mA to 350 mA
Low Power Mode 90 mA
Input Voltage 9 - 28V DC

■ Standards/Approvals
FCC
Industry Canada
Carrier specific approvals

■ Host Interfaces:
Ethernet: 10BaseT RJ-45
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
Service
GPS
Power

■ For More Information
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SIERRA WIRELESS
AIRLINK™ PINPOINT-E
(EDGE NETWORKS)

Access the data

Track your fleet

Improve your business

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
HEART OF THE WIRELESS MACHINE®

■ Rugged Intelligence

Powered by ALEOS™ technology, the PinPoint-E is a robust in-vehicle data and tracking device. Its Ethernet port enables the PinPoint-E to take full advantage of today's high-speed data networks, while the serial port eases configuration and installation. A high sensitivity GPS receiver, built in location protocols and high-speed data capability make the PinPoint-E perfectly suited for any mobile data and location tracking application.

■ Next Generation EDGE Wireless Data

Featuring a robust processor and a high-speed Ethernet interface the PinPoint-E is designed for today's 3G wireless networks. With quad band support for EDGE high-speed data connectivity as well as backwards compatibility with GPRS, Circuit-Switched (GSM), and SMS, the PinPoint-E is a powerful and flexible device that serves all your wireless mobile data needs.

■ 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

POWERED BY: ALEOS™