Compact and Fully–Featured Mobile Broadband Platform

The AirLink™ PinPoint X gateway is a robust, intelligent communications platform for mobile data and tracking applications.

RUGGED INTELLIGENCE AND MANAGEMENT

With a high-precision GPS receiver and powerful processor, the PinPoint X provides "always on" mobile broadband data access and location tracking for mission critical field applications. In a sleek form factor with a rugged aluminum case, the PinPoint X is Mil-Spec certified for use in extreme environments, and expanded I/O functionality unleashes extensive remote instrumentation possibilities.

In conjunction with the PinPoint X in-vehicle gateway's rich, embedded ALEOS™ intelligence, the AirLink Software suite of management tools enable remote management and control, quick configuration and advanced diagnostics capabilities.

INTEGRATED SOLUTIONS FOR FIELD SERVICE

The Remote Application Protocol (RAP) embedded in ALEOS, enables the PinPoint X to be the foundation of   a comprehensive field service and location deployment. RAP enables 3rd party GPS providers to deeply integrate their application with the PinPoint X and offer customers comprehensive solutions to manage fleets of vehicles.

In addition, a full suite of I/O ports and an embedded events reporting engine enable application services far beyond GPS tracking, such as vehicle sensors, man-down alarms, and many more.

KEY BENEFITS:

- Multiple peripherals and external SIM access simplify integration
- Advanced processor optimizes performance on broadband data networks
- Seamless backwards compatibility ensures reliable and pervasive communications
- Remote management and configuration provide device access from anywhere via Internet
- Store–and–Forward prevents loss of GPS data

POWERED BY: ALEOS™

SIERRA WIRELESS™ | AirLink™

AirLink™ PinPoint X
Robust, In–Vehicle Communications Platform

Technical Specifications

PRODUCT FEATURES

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

SECURITY AND INTELLIGENCE

- IPsec VPN
- GRE Tunneling
- Events Reporting Engine
- Routing Protocols
- Highly Configurable

TECHNOLOGY

- HSUPA with fallback to: HSDPA, UMTS, EDGE, GPRS (MS-12), GSM

or

- CDMA EV-DO Rev. A with fallback to: CDMA 1x, CDMA 1xRTT, CDMA IS-95

BANDS

- Tri-Band UMTS/HSDPA/HSUPA 850, 1900, 2100 MHz
- Quad-Band GPRS/EDGE 850, 900, 1800, 1900 MHz
- Dual-Band UMTS/HSDPA 850, 1900 MHz

or

- Dual-Band EV-DO Rev. A 800, 1900 MHz

ENVIRONMENTAL

- Operating Temperature: -30° to +70°C / -22° to +158°F
- Storage Temperature: -40° to +85°C / -40° to +185°F

DIMENSIONS

- 162 mm x 40 mm x 109 mm 6.4 in x 1.6 in x 4.3 in
- 612 grams 21.5 oz

STANDARDS/APPROVALS

- FCC
- CE (EU-SKU)
- Industry Canada
- Mil-Std 810F
- RoHS
- Carrier Specific Approvals

HOST INTERFACES

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

APPLICATION INTERFACES

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

LED INDICATORS

- Network
- Signal
- Activity
- Service
- GPS
- Power

APPLICATIONS:

- Field Force Automation
- Mobile Office
- Fleet Management
- Dispatch and Tracking
- Law Enforcement
- Fire and Rescue
- Vehicle Telemetry

SIERRA WIRELESS™ | AirLink™