AirLink™ Raven XE
Intelligent 3G Gateway

Rugged Design and Advanced Security for Fixed and Portable Wireless Communication

The AirLink™ Raven XE is a superior and secure Ethernet gateway with a compact and sleek form factor, ideal for enterprise customers requiring 24/7 unmanned operation of remote assets and broadband connectivity. The Raven XE is powered by ALEOS™ embedded intelligence and managed by the AirLink Software Suite, which together drastically reduce total cost of ownership by reducing field visits to remote equipment.

The intelligent gateway, with simple installation and configuration requirements, is designed to handle robust fixed and portable applications requiring broadband communication speeds and bandwidth.

RUGGED INTELLIGENCE AND MANAGEMENT
Powered by ALEOS technology, the long-standing industry benchmark for reliable and feature-rich intelligence, the Raven XE features embedded machine and routing protocols, ease of integration and advanced security features like IPsec VPN and GRE tunneling.

The AirLink Software Suite is a comprehensive set of device management tools that enable enterprises to perform remote device configuration, administration and control. AirLink Software is tightly integrated with ALEOS embedded intelligence to provide a cohesive experience for the various stakeholders who use, support and manage remote deployments of fixed or mobile industrial and enterprise solutions enabled by AirLink gateways and routers.

IDEAL FOR BROADBAND DATA APPLICATIONS
The Raven XE is a versatile tool for myriad broadband commercial fixed or portable network connectivity and business continuity data applications. Its small form factor enables integration into close quarters, such as ATMs, kiosks and media servers, while its rugged design makes it an ideal option for surveillance and digital signage. Multiple levels of security ensure data is safe from unauthorized access and enable the Raven XE to be part of a PCI compliant solution for payment applications. Furthermore, its routing features, like NAT and Port Forwarding, enable the Raven XE to be connected to a switch for a routing solution.

KEY BENEFITS:

- Easy integration with customer equipment
- Consistent user experience across multiple wireless network technologies
- Ethernet connectivity for easy setup
- Remote management and troubleshooting
- IPsec VPN to protect your data from unauthorized access

POWERED BY: ALEOS™

SIERRA WIRELESS™ | AirLink™

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Technical Specifications

PRODUCT FEATURES

- Persistent 3G Network Connectivity
- Low Power Consumption
- Compact Size for Easy Integration
- Rugged Aluminum Case
- Certified for Hazardous Environments
- Remote Management and Configuration

HIGHLY INTELLIGENT

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

TECHNOLOGY

- HSUPA with fallback to: HSDPA, UMTS, EDGE, GPRS, GSM

or

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

BANDS

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

- 75 mm x 27 mm x 103 mm 3.0 in x 1.0 in x 4.1 in
- 185 grams 6.5 oz

STANDARDS/APPROVALS

- FCC
- Industry Canada
- Class I Div 2
- RoHS
- Carrier Specific Approvals
- PTCRB
- CE
- A-Tick

HOST INTERFACES

- Ethernet: 10BaseT RJ-45
- USB Type B5 Pin Mini
- Antenna Connections:
   Cellular - 50 Ohm SMA
   Receive Diversity - 50 Ohm SMA
- I/O Ports: 2

APPLICATION INTERFACES

- TCP/IP, UDP/IP, DHCP, HTTP, SNMP, SMTP, SMS, MSCI, Modbus

LED INDICATORS

- Network
- Signal
- Activity
- Power

APPLICATIONS:

- Surveillance
- Retail/POS
- Vending/Kiosk
- Banking/ATM
- Digital Signage
- Remote Monitoring
- Business Continuity

SIERRA WIRELESS™

AirLink™