



## Sierra Wireless® AirLink® Raven XE Industrial 3G Gateway

### Rugged Design and Advanced Security for Fixed and Portable Wireless Communication

#### 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

#### APPLICATIONS:

- Remote Monitoring
- Surveillance
- Vending/Kiosk
- Banking/ATM
- Digital Signage

The AirLink® Raven XE is a secure Ethernet gateway ideal for enterprise customers requiring 24/7 unmanned operation of remote assets and broadband connectivity. Remote configuration and troubleshooting capabilities virtually eliminate service calls to remote equipment, resulting in a quick return on investment. With simple installation and configuration requirements, the Raven XE is designed to handle robust, fixed and portable applications requiring broadband communication speeds and bandwidth.

#### 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 compact 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.

#### RUGGED INTELLIGENCE

ALEOS®, the long-standing industry benchmark for embedded intelligence, powers AirLink devices, and supports 24/7 always-on availability, persistent connectivity, end-to-end security, real-time two-way data exchange, and remote device management. Designed to meet the needs of industrial applications, ALEOS features embedded machine protocols, routing and location protocols. To ensure reliable, advanced security, ALEOS includes IPsec VPN and GRE tunneling.

#### REMOTE MANAGEMENT

ALEOS powered devices include the AirLink suite of management tools enabling remote configuration, administration, and control of deployments of any size, from one device to thousands.

Together, ALEOS and the AirLink management tools enable customers to extend their enterprise by managing deployments from a central location, or anywhere with an Internet connection.

	Specification
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 EV-DO Rev. A with fallback to: CDMA, EV-DO Rev. 0, 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 or  Quad-Band UMTS/HSDPA/HSUPA 850, 900, 1900, 2100 MHz
ENVIRONMENTAL	Operating Temperature: -30° to +70°C / -22° to +158°F Storage Temperature: -40° to +85°C / -40° to +185°F
DIMENSIONS	76 mm x 27 mm x 94 mm 3.0 in x 1.1 in x 3.7 in 200 grams, 7.1 oz
STANDARDS/APPROVALS	FCC Industry Canada Class I Div 2 RoHS Carrier Specific Approvals PTCRB CE A-Tick
HOST INTERFACES	Ethernet: 10/100 BASE-T 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
LED INDICATORS	Network Signal Activity Power

**About Sierra Wireless**

Sierra Wireless is building the Internet of Things with intelligent wireless solutions that empower organizations to innovate in the connected world. We offer the industry's most comprehensive portfolio of 2G, 3G, and 4G embedded modules and gateways, seamlessly integrated with our secure cloud and connectivity services. OEMs and enterprises worldwide trust our innovative solutions to get their connected products and services to market faster.

For more information, visit [www.sierrawireless.com](http://www.sierrawireless.com).