

# AirLink™ Raven XT

## Rugged, Intelligent Wireless Gateway

### Persistent Bi-Directional Communication for Mission Critical Applications

The AirLink™ Raven XT is built on a powerful platform and processing environment, enabling a robust and future proof design for critical infrastructure protection and management.

#### ROBUST MANAGEMENT AND CONTROL

The advanced Raven XT gateway provides uninterrupted real-time, two-way data exchange in support of mission critical applications. Powered by ALEOS™ technology, the Raven XT maintains a persistent connection to next generation broadband networks. In conjunction with the comprehensive set of AirLink device management tools, ALEOS lowers total cost of ownership for Raven XT customers. Additionally, remote configuration and troubleshooting virtually eliminates service calls to remote equipment, resulting in a quick return on investment.

#### RUGGED DESIGN

The Raven XT features a sleek, compact form factor, increasing its versatility and ability to be integrated within existing infrastructure and enclosures. With a rugged design, Class I Div 2 certification and vast library of telemetry protocols, the Raven XT is an ideal solution for a wide range of industrial applications. The serial interface allows easy integration with a wide assortment of legacy equipment, while an exposed USB port increases flexibility, eases troubleshooting and allows for module level diagnostics. Two digital I/O ports enable the Raven XT to record events from remote equipment.

#### EXCEPTION BASED EVENTS REPORTING

The Raven XT is embedded with a sophisticated exception based events reporting engine, powered by ALEOS. By utilizing an intuitive user interface, a device administrator can select what data to collect, when to collect it and how to have the information delivered, including e-Mail and SMS options. This advanced capability ensures time-sensitive information is presented in the right place, at the precise time needed for better decision making and overall system efficiency.



#### KEY BENEFITS:

- Persistent network connectivity for uninterrupted, bi-directional communications
- Advanced processor for optimized performance on 3G wireless networks
- Rugged design for use in extreme conditions
- Compact form factor for easy installation
- Highly configurable real-time exception based reporting

POWERED BY: 



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## Technical Specifications

### PRODUCT FEATURES

- Embedded Intelligence
- Rugged
- Machine Protocols
- Status LEDs
- Serial Port
- Mini USB Device Port
- Class I Div 2 Certified
- 1 Year Warranty

### SECURITY AND INTELLIGENCE

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

### TECHNOLOGY

- GPRS (MS-12) with fallback to: GSM
- or
- CDMA EV-DO Rev. A with fallback to: CDMA 1x Rev. 0, CDMA 1xRTT, CDMA IS-95

### ENVIRONMENTAL

- Operating temperature range: -30°C to +65°C / -22°F to +149°F
- Storage temperature: -40°C to +85°C / -40°F to +185°F

### DIMENSIONS

- 76 mm x 27 mm x 100 mm  
3.0 in x 1.1 in x 3.9 in
- 160 grams  
5.6 oz

### BANDS

- Quad-Band  
850, 900, 1800, 1900 MHz
- or
- Dual-Band EV-DO Rev. A  
800, 1900 MHz

### STANDARDS/APPROVALS

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

### HOST INTERFACES

- RS-232: DB9 (1200-230400 baud)
- USB 2.0 (Mini-B5)
- Antenna Connection:  
50 Ohm SMA
- I/O Port: 2 Digital

### APPLICATION INTERFACES

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

### LED INDICATORS

- Network
- Signal
- Activity
- Power



### APPLICATIONS:

- Oil and Gas
- Electric
- Water/Waste Water
- Homeland Security
- Intelligent Traffic Systems
- Wireless ATMs
- SCADA/Telemetry

