AIRLINK™ RAVEN XE
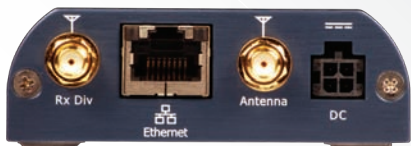## INTELLIGENT 3G GATEWAY FOR EV-DO REV A NETWORKS

KEY FEATURES

■ Product and Benefits
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
Embedded Protocols
Highly Configurable

TECHNICAL SPECIFICATIONS

■ Technology
CDMA EV-DO Revision A
With Fallback to:
　CDMA 1x
　CDMA IS-95

■ Bands
800 Mhz Cellular
1900 Mhz PCS

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

■ Dimensions
76 mm x 25 mm x 104 mm
3.0 in x 1.0 in x 4.1 in
185 grams
6.5 oz

■ Power Consumption (@12V DC)
Transmit (Typical/Max) 140.250 mA
Idle 35 mA
Input Current 30 mA to 300 mA
Input Voltage 9 - 28 V DC

■ Standards/Approvals
FCC
Industry Canada
Class I Div 2
RoHS
Carrier specific approvals

■ Host Interfaces
Ethernet: 10BaseT RJ-45
USB Type B5 Pin mini
Antenna Connection:
　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 and more

■ LED Indicators
Network
Signal
Activity
Power

Reliability and Support
Since 1993, Sierra Wireless has been delivering high quality data products backed by a dedicated field and call center support team. The AirLink brand stands for reliable, intelligent data devices that enhance operations while reducing costs and increasing revenues.

Sierra Wireless products connect people and machines to wireless networks around the world. We offer an advanced, comprehensive product line, addressing consumer, enterprise, original equipment manufacturer, and specialized vertical industry markets. Our solutions are used for mobile computing, transportation, industrial M2M (machine-to-machine), enterprise, residential and consumer communications applications. We also provide 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®

North America & Asia
Tel: +1 510 624 4200
Fax: +1 510 624 4299
Europe, Middle East & Africa
Tel: +44 20 8 622 3015
Fax: +44 20 8 622 3206
E-mail:
MobileandM2MSales@sierrawireless.com
www.sierrawireless.com

SIERRA WIRELESS
AIRLINK™ RAVEN XE
(EV-DO REV A NETWORKS)

3G Rugged Ethernet Gateway
Powerful, intelligent connectivity
24/7 unmanned operation
Sleek, compact form factor

AIRLINK™ RAVEN XE
INTELLIGENT 3G GATEWAY FOR EV-DO REV A NETWORKS

■ Ethernet Gateway

The Raven XE provides 3G connectivity in a compact and sleek form factor ideal for enterprise customers requiring 24/7 unmanned operation of remote assets and high-speed broadband connectivity. The Raven XE is designed to handle rugged and robust commercial mobile and portable network connectivity applications.

The high-speed Ethernet interface and 3G optimized architecture make the Raven XE ideal for various commercial fixed or portable network connectivity applications.
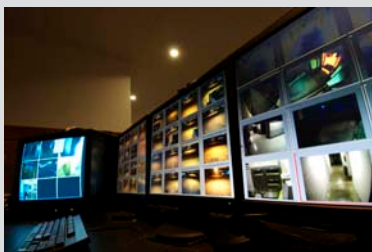
■ Rugged Intelligence

Powered by ALEOS™ technology, the long-standing industry benchmark for reliable and feature-rich intelligence, the Raven XE provides the solution for enterprise customers requiring 24/7 unmanned operation of remote assets and high-speed broadband connectivity. Embedded machine protocols, ease of integration, and security protocols like IPSec VPN and GRE tunneling make the Raven XE the ideal solution for commercial and industrial applications requiring data security.

■ Ideal for Broadband Data Applications

The Raven XE is a versatile tool for a myriad of 3G data applications. Its small form factor enables integration into close quarters, such as ATMs, kiosks and media servers, while it's rugged design makes it an ideal option for surveillane and digital signage. Further, it's routing features, like NAT and Port Forwarding enabling the Raven XE to be connected to a switch for a routing solution.

- ■ 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
• Surveillance/Streaming Video
• Retail/POS
• Vending/Kiosk
• Banking/ATM
• Digital Signage
• Remote Monitoring and Control
• Business Continuity
• Wireless Networking

ALEOS Intelligence
Embedded Technology from Sierra Wireless

KEY BENEFITS

- Simplifies Installation and maintenance
- Persistent network connectivity
- Real-Time Notification
- Over-The-Air (OTA) Upgrades
- Device Management & Control

ACEware™ Device Management
The Sierra Wireless suite of tools and utilities, leveraging the intelligence of ALEOS. ACEware simplifies deployment as well as remote monitoring, control and management of the entire wireless solution.

The ACEware suite of device management tools include:

ACEmanager   Remote device monitoring and configuration tool. Included with every AirLink device.

ACEnet   Enterprise-grade, hosted remote management application. Enables management of an entire fleet of AirLink gateways and routers.

* For more information on ALEOS and ACEware, please reference the ALEOS datasheet

POWERED BY: ALEOS™