

AIRLINK™ RAVEN XE INTELLIGENT WIRELESS COMMUNICATIONS GATEWAY FOR HSUPA NETWORKS

KEY FEATURES

■ Markets

Financial
ATM
Retail/POS
Advertising
Kiosks
Vending
Business Continuity

■ Product Features

Embedded Intelligence
Rugged Aluminum Case
10/100 Mbps Ethernet Port
Mini USB Device Port
ARM9 Processor
Small Form Factor
1 Year Warranty

■ Product Benefits

Persistent Network Connectivity
Compact Size
Remote Management and Configuration
High Speed Two-Way Data

TECHNICAL SPECIFICATIONS

■ Technology

HSUPA
With Fallback To:
HSDPA
UMTS
EDGE
GPRS (MS-12)
GSM

■ Bands

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

■ Environmental

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

■ Power Consumption (@12V DC)

Transmit/Receive (Typical/Max): 220/298 mA
Idle: 140 mA
Input Current: 40 - 350 mA
Input Voltage: 9 - 28V DC

■ Standards/Approvals

FCC
Industry Canada
CE
PTCRB
RoHS
Class 1 Div 2
Carrier specific approvals

■ Host Interfaces

Ethernet: 10/100 Mbps RJ-45
USB: USB 2.0 (Mini-B5)
Antenna Connection:
Primary: 50 Ohm SMA
Rx Diversity: 50 Ohm SMA
I/O Ports: 2

■ Dimensions

76 mm x 27 mm x 103 mm
3.0 in x 1.1 in x 4.1 in
185 grams
6.5 oz

■ Application Interfaces

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

■ LED Indicators

Network
Signal
Activity
Power

■ For More Information

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SIERRA WIRELESS, CONNECTING PEOPLE AND SYSTEMS TO MOBILE BROADBAND NETWORKS AROUND THE WORLD

Sierra Wireless modems and software connect people all over the world with mobile broadband networks that keep them in touch, informed, and productive from wherever they need to be. The Company offers a diverse product portfolio addressing enterprise, consumer, original equipment manufacturer, machine-to-machine, and specialized vertical industry markets. Sierra Wireless also provides 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
AIRLINK™ RAVEN XE
(HSUPA NETWORKS)

Access remote fixed and portable assets

Enable intelligent, high-speed data access

Improve your business



AIRLINK™ RAVEN XE INTELLIGENT WIRELESS COMMUNICATIONS GATEWAY FOR HSUPA NETWORKS

■ 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 high-speed Ethernet interface and 3G optimized architecture make the Raven XE ideal for various commercial fixed or portable network connectivity applications. Equipped with a robust ARM9 processor, the Raven XE is optimized to perform on today's high-speed data networks. Its small form factor enables integration into close quarters, such as ATMs, kiosks and media servers. In addition, the mini-USB port increases flexibility and eases setup and diagnostics.

■ The ALEOS™ Advantage

ALEOS, the embedded core technology available only from Sierra Wireless, simplifies installation, operation and maintenance of any solution, and provides an always-on, always-aware intelligent connection for mission-critical applications. Benefits of ALEOS include:

- Persistent Network Connectivity
- Real-Time Notification
- Over-The-Air (OTA) Upgrades
- Wireless Optimized TCP/IP
- Extensive Machine Protocols
- Packet Level Diagnostics
- Device Management & Control
- Protocol Spoofing

■ AceWare™ Device Management

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

AceManager

Remote device monitoring and configuration tool.

- Network Connectivity, Throughput and Signal Strength
- Real-Time Device Status and Health
- Comprehensive OTA Device Configuration and Firmware Updates

AceNet

Enterprise-grade device management application.

- One-to-Many Device Configuration and Management
- OTA Parameter Settings and Firmware/PRL Updates
- Logs Performance Statistics
- Charts Modem Behavior for Performance Analysis

AceView

Efficient status and connection monitoring application.

- Low-Profile, Easy-To-Read, On-Screen User-Interface
- Modem Status, Connectivity, Signal Strength

■ Sierra Wireless Reliability And Support

Since 1993 Sierra Wireless has built a solid reputation for high quality data products backed by a dedicated field and call center support team. For customers, the AirLink™ brand means reliable, intelligent data devices that enable enterprise customers to enhance their operations while reducing costs and increasing revenues.

Applications	
✓	Surveillance/Streaming Video
✓	Retail/POS
✓	Vending/Kiosk
✓	Banking/ATM
✓	Multimedia
✓	Remote Monitoring and Control
✓	Business Continuity
✓	Wireless Networking



POWERED BY **ALEOS™**