

AIRLINK™ RAVEN-E

INTELLIGENT WIRELESS GATEWAY FOR EDGE NETWORKS

KEY FEATURES

■ Markets

Financial
Wireless Networking
Utilities
Infrastructure

■ Product Features

Embedded Intelligence
Status LEDs
High-Speed Ethernet Port
Full Duplex Transceiver

■ Product Benefits

Persistent Network Connectivity
High-Speed Data Transfer
Low Power Consumption
Compact Size
Remote Management and Configuration

TECHNICAL SPECIFICATIONS

■ Technology

EDGE
With Fallback to:
GPRS (MS-12)

■ Bands

Quad Band
850/1900 MGz and 900/1800 MHZ

■ Environmental

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

■ Power Consumption (@12V DC)

Transmit/Receive (Typical/Max) 350/450 mA
Dormant 40 mA
Input Voltage 9 - 28V DC
Input Current 40 mA to 350 mA

■ Standards/Approvals

FCC
Industry Canada
Class I Div 2
Carrier specific approvals

■ Host Interfaces

Ethernet: 10 Base-T, RJ-45
Antenna Connection:
Primary - 50 Ohm TNC

■ Dimensions

76mm x 25mm x 129mm
317 grams

■ Application Interfaces

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

■ LED Indicators

Channel
Link
Registration
RSSI
TxRx
Service
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-E
(EDGE NETWORKS)

Send and receive data

Network your equipment

Improve your business



SIERRA WIRELESS
HEART OF THE WIRELESS MACHINE®

AIRLINK™ RAVEN-E INTELLIGENT WIRELESS GATEWAY FOR EDGE NETWORKS

■ Rugged Intelligence

Powered by ALEOS™ technology, the longstanding industry benchmark for reliable and feature-rich intelligence, the Raven-E is optimal for providing primary or back-up connectivity for any high reliability/high availability application. Its compact design, and high-speed Ethernet port make the Raven-E an ideal solution for any Ethernet device requiring high-speed, persistent connectivity to wireless data networks.

■ Reliable, Widely Available EDGE Coverage

Featuring a robust processor and ALEOS intelligence the Raven-E is designed to provide a consistent, reliable connection to the pervasive internet. With quad band support for EDGE high-speed data connectivity as well as backwards compatibility with GPRS, Circuit-Switched (GSM), and SMS, the Raven-E is a powerful and flexible device that serves all your wireless data needs.

■ The ALEOS Advantage

ALEOS, Sierra Wireless' embedded core technology simplifies installation, operation and maintenance of any solution, and provides an always-on, always-aware intelligent connection for mission-critical applications. ALEOS enables:

- 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

AirLink's best-in-class tools and utilities, leveraging the intelligence of ALEOS, simplify 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
- GPS Signal and Mapping

■ Sierra Wireless Reliability And Support

Sierra Wireless has over 13 years experience and 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	
✓	Homeland Security
✓	Intelligent Traffic Systems
✓	Wireless ATMs
✓	Point-of-Sale
✓	Wireless Advertising
✓	Wireless Entertainment
✓	Business Continuity



POWERED BY: 