AirLink™ Helix RT
Intelligent, Cellular 3G Router

Simplifies Data Solutions & Eliminates Wireline Dependancy

Providing convenient and reliable Internet access, the AirLink™ Helix RT is ideal for fixed and portable applications.

WIRELESS CELLULAR ROUTER

The Helix RT commercial 3G router provides secure broadband communications for data and computing devices in the field or remote locations. The advanced router features embedded ALEOS™ intelligence on a robust broadband routing platform and is equipped with two high-speed Ethernet ports and an optional secure Wi-Fi access point, delivering a single-device solution for extending an enterprise network into the field.

BUSINESS CONTINUITY

The Helix RT router provides managed failover to ensure reliable internet connectivity. In addition, the IPsec-compliant onboard VPN client provides an encrypted tunnel from the Helix RT router to an enterprise network.

When used with any Ethernet WAN connection (DSL, satellite, etc), either the Helix RT's Ethernet connection or the onboard 3G modem can be designated as the primary WAN connection. The Helix RT routes traffic through the designated primary WAN and switches to the designated secondary WAN connection if the primary connection is unavailable. This intelligence ensures data continuity for businesses that rely on real-time transaction processing, security monitoring or online customer service functions.

REMOTE MANAGEMENT

Managing a deployment of cellular gateways and routers can be a daunting task for an organization. The AirLink comprehensive suite of remote management and configuration tools provides an easy to use, scalable solution for managing deployments - ranging from one to thousands of devices - from anywhere with an Internet connection. Every Helix RT includes ACEmanager to allow a customer to configure one device at a time from anywhere, while ACEnet provides a truly scalable hosted remote management platform for administering an entire deployment of devices.

KEY BENEFITS:

- Simple deployment and management for complex solutions
- Full routing capabilities
- Intelligent WAN failover
- Hosted remote management lowers cost of ownership
- Robust security protects your data

POWERED BY: ALEOS

SIERRA WIRELESS™ | AirLink™

Technical Specifications

PRODUCT FEATURES

- Easy Installation
- Hosted Remote Management
- Automatic Failover
- Robust Security
- Reliable Connection
- Multiple Connection Ports
- Embedded Intelligence
- Durable Design
- Optional 802.11g Wi-Fi

SECURITY

- Onboard IPsec VPN Client
- VPN Pass-Through (ESP, AH protocols)
- GRE Tunneling
- WPA2 Enterprise Wi-Fi Encryption
- Stateful Packet Inspection Firewall
- MAC Address Filtering

TECHNOLOGY

- HSUPA with fallback to: HSDPA, UMTS, EDGE, GPRS

or

- EV-DO Rev. A with fallback to: CDMA EV-DO (Rev. 0), CDMA 1xRTT

ENVIRONMENTAL

- Operating Temperature: 0° to +50°C / 32°F to +122°F
- Storage Temperature: -40°C to +80°C / -40°F to +176°F

DIMENSIONS

- 159 mm x 35 mm x 180 mm 6.3 in x 1.4 in x 7.1 in
- 862 grams 30.4 oz

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

STANDARDS/APPROVALS

- FCC
- Industry Canada
- Carrier Specific Approvals
- RoHS Compliant
- PTCRB
- CE

HOST INTERFACES

- Dedicated Ethernet LAN
- Configurable Ethernet WAN/LAN
- 2 Host USB Ports (Type A)
- Serial DB-9
- Antenna Connections:
    2 Cellular - 50 Ohm SMA
    2 Wi-Fi - 50 Ohm SMA (Optional)

APPLICATION INTERFACES

- TCP/IP, UDP/IP, DHCP, HTTP, SNMP

LED INDICATORS

- WAN and 3G Status
- Modem Status
- Signal Strength
- Ethernet Status

APPLICATIONS:

- Primary and Backup Connection
- Temporary Offices
- Transactions – PCI Compliant for Retail
- Digital Signage
- Surveillance
- Disaster Recovery

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