



Uplink Connect

BENEFITS

- Out-of-Box LTE Connectivity
- Dual Ethernet, RS232 & RS485 and multiple I/O to connect to a wide variety of field equipment
- Support -30C to +65C temperature range to provide superior reliability without need for additional power conditioning or adapters
- ALMS Cloud for single-pane device management across all devices

IDEAL APPLICATION

Primary or backup connectivity for:

- Alarm Panels
- Video
- Access Control
- Phone Systems
- Sensors

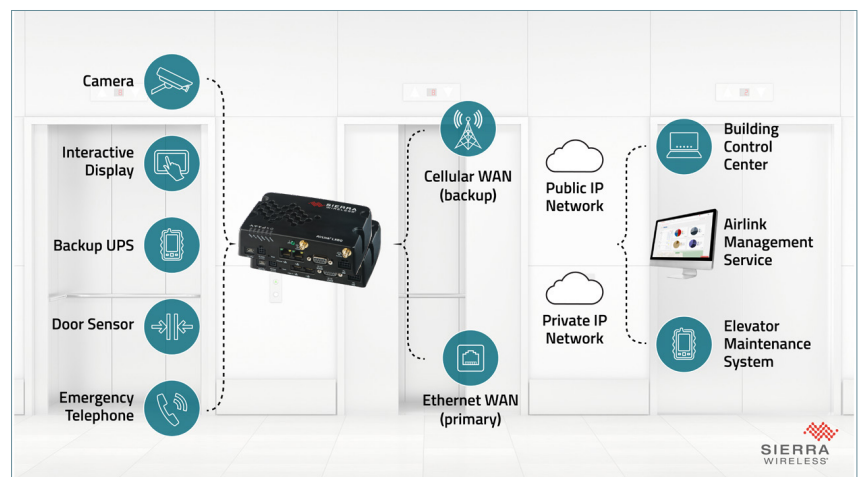
Uplink Connect Dual Ethernet LTE Router, for Primary or Backup Connectivity

The Uplink Connect, Uplink's version of Sierra Wireless' AirLink LX60 is designed for commercial and enterprise LTE network connectivity. Dual gigabit ethernet and serial ports make it ideal for primary or backup network connectivity.

Uplink Connect (AirLink LX60) provides purpose-built, secure, reliable, managed cellular LTE networking for alarm panels, video, access control as well as many other applications.

As part of the AirLink Essential series, the Uplink Connect (AirLink LX60) is designed to meet the environmental and performance requirements of these applications, while delivering superior reliability and uninterrupted operation in fixed, indoor and protected outdoor environments.

Purpose-Built, Secure, Reliable, Managed LTE Network Connectivity



Application Example - Building Automation

Uplink Connect (AirLink® LX60) Dual Ethernet LTE Router

	Specification
LTE CATEGORY	Cat 4 Peak D/L Up to 150 Mbps Peak U/L Up to 50 Mbps
INDUSTRY CERTIFICATIONS	Safety: IECEE Certification Bodies Scheme (CB Scheme), UL 60950 Environmental: RoHS2, REACH, WEEE
SUPPORT AND WARRANTY	Includes: <ul style="list-style-type: none"> AirLink Management Service (ALMS) Direct 24/7 Technical Support 3-year standard warranty; optional 2-year warranty extension
PART NUMBERS	In the box: Quick Start Guide 2000579 AC Adapter, 12VDC 6001110 Cellular Paddle Antenna
HOST INTERFACES	2 Gigabit RJ-45 Ethernet ports RS-232 serial port (DB-9) USB 2.0 Micro-B Connector 2 SMA connectors (Cellular, Diversity) Active GNSS antenna support Aux Port (RS-485/GPIO)
INPUT/OUTPUT	Configurable I/O (5 pins total) <ul style="list-style-type: none"> 5 Digital Inputs: ON Voltage: 2.7 to 36 VDC 1 Digital Open Collector Output > sinking 300 mA 3 Analog Inputs: 0.5-5/0.5-10 VDC (range selectable) Configurable Pull-ups for dry contact input
LAN (ETHERNET/USB)	DHCP Server IP Passthrough VLAN Host Interface Watchdog PPPoE
SERIAL	TCP/UDP PAD Mode Modbus (ASCII, RTU, Variable) PPP DNP3 Interoperability
NETWORK AND ROUTING	Network Address Translation (NAT) Port Forwarding NEMO/DMNR VRRP Reliable Static Route Ethernet WAN Verizon PNTM IPv6 Gateway Policy Routing Dynamic DNS

	Specification
SECURITY	Remote Authentication (LDAP, RADIUS, TACACS+) DMZ Inbound and Outbound Port filtering Inbound and Outbound Trusted IP MAC Address Filtering PCI compatible Secure Firmware Update
NETWORK MANAGEMENT	Secure mobile network & asset management application available in the cloud or licensed platform in the enterprise data center Fleet wide firmware upgrade delivery Router configuration and template management Router staging over the air and local Ethernet connection Over-the-air software and radio module firmware updates Device Configuration Templates Configurable monitoring and alerting Remote provisioning and airtime activation (where applicable)
ENVIRONMENTAL	Operating Temperature: -30°C to +65°C / -22°F to +149°F Storage Temperature: -40°C to +85°C / -40°F to +185°F Humidity: 90% RH @ 60°C Military Spec MIL-STD-810G conformance to shock, vibration, thermal shock, and humidity IP20 rated ingress protection
VPN	IPsec, GRE, and OpenVPN Client Up to 5 concurrent tunnels Split Tunnel Dead Peer Detection (DPD)
ROUTER MANAGEMENT INTERFACES	Local web user interface AT Command Line Interface (Telnet/SSH/Serial) SNMP SMS Commands
APPLICATION FRAMEWORK	ALEOS Application Framework (AAF) LUA Scripting Language
DIMENSIONS	146 mm x 42 mm x 100 mm (106 mm including connectors) 5.74 in x 1.65 in x 3.93 in (4.17 in including connectors) 250g (weight)

About Sierra Wireless

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is the leading IoT solutions provider that combines devices, network and software to unlock value in the connected economy. Companies globally are adopting IoT to improve operational efficiency, create better customer experiences, improve their business models and create new revenue streams. Whether it's a solution to help a business securely connect edge devices to the cloud, or a software/API solution to help manage processes associated with billions of connected assets, or a platform to extract real-time data to make the best business decisions, Sierra Wireless will work with you to create the right industry-specific solution for your next IoT endeavor. Sierra Wireless has more than 1,300 employees globally and operates R&D centers in North America, Europe and Asia. For more information, visit www.sierrawireless.com.

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