



AirLink® LX60 Dual Ethernet LTE Router

BENEFITS

- Out-of-Box LTE Connectivity: Add LTE connectivity to your existing equipment
- Enables edge processing with optional secure linux-based embedded application framework (ALEOS Application Framework)
- Dual Ethernet, RS232 & RS485 and multiple I/O to connect to a wide variety of field equipment
- LTE and LTE-M/NB-IoT variants for global deployments, and extended coverage and depth (in-building and below ground) to reach challenging locations
- Integrated 7-36VDC industrial grade power supply and -30C to +65C temperature range to provide superior reliability without need for additional power conditioning or adapters
- ALMS Cloud or AMM On-Premises Management single-pane device management across all devices

IDEAL APPLICATIONS

Primary or backup connectivity for:

- IoT/M2M
- WAN Failover Applications
- Building Automation
- Digital Signage
- Taxis, Light Transport Vehicles
- ATMs, Kiosks, Point of Sale, Lottery

Dual Ethernet LTE Router, for Primary or Backup Connectivity

The AirLink® LX60 is designed for Commercial and Enterprise LTE network connectivity. Dual Gigabit Ethernet and serial ports make it ideal to connect machines and provide primary or backup network connectivity.

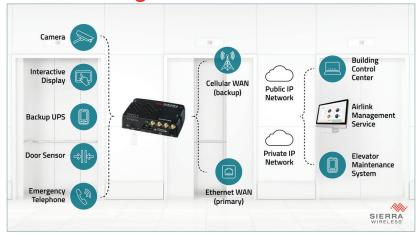
LX60 provides purpose-built, secure, reliable, managed Cellular LTE networking in Building Automation, Digital Signage, Taxis, ATMs, Kiosks and Point-of-Sale terminals.

As part of the AirLink Essential series, the 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.

LX60 is available with optional Wi-Fi + GNSS and rated for shock, vibration and vehicle power supplies. It offers Dual Band 802.11ac Wi-Fi and dedicated 48 Channel GNSS, meeting the demands of Commercial fleets and Taxis requiring connectivity.

The LX60 comes in LTE Cat 4 regional variants, and a Global LPWA (Low-Power Wide Area) variant offering LTE-M/NB-IoT for applications where low data rates, enhanced cellular coverage and global deployment is required.

Purpose-Built, Secure, Reliable, Managed Cellular LTE Networking



		LX60				
	North America Verizon	North America AT&T/Generic	ЕМЕА	Australia & New Zealand	Global	
			LTE		LTE-M/NB-IoT	
LTE CATEGORY	Cat 4	Cat 4	Cat 4	Cat 4	Cat M1/NB1	
Peak D/L	Up to 150 Mbps	Up to 150 Mbps	Up to 150 Mbps	Up to 150 Mbps	Cat-M1: 300kbps Cat-NB1: 27kbps	
Peak U/L	Up to 50 Mbps	Up to 50 Mbps	Up to 50 Mbps	Up to 50 Mbps	Cat-M1: 375kbps Cat-NB1: 65kbps	
Frequency Bands	AWS(B4), 700(B13)	1900(B2), AWS(B4), 850(B5), 700(B12)	2100(B1), 1800(B3), 2600(B7), 900(B8), 800(B20), 700(B28)	2100(B1), 1800(B3), 850(B5), 2600(B7) 900(B8), 700(B28)	2100(B1), 1900(B2), 1800(B3), AWS(B4), 850(B5), 900(B8), 700(B12), 700(B13), 700(B17), 850 (B18), 850(B19), 800(B20), 850(B26),700(B28)	
3G WCDMA/HSPA+ Frequency Bands		1900(B2), AWS(B4), 850(B5)	2100(B1), 900(B8)	2100(B1), 850(B5), 900(B8)		
2G GSM/GPRS			900, 1800		850, 900, 1800, 1900	
Frequency Bands APPROVALS						
Regulatory Carrier	FCC Verizon	FCC, IC, PTCRB AT&T T-Mobile USA	GCF, CE	GCF, RCM Planned: Telstra	PTCRB, FCC, GCF, IC Planned: Verizon, AT&T T-Mobile USA	
VARIANTS Optional	Wi-Fi+GNSS	Wi-Fi+GNSS	Wi-Fi+GNSS	Wi-Fi+GNSS		
HOST INTERFACES WI-FI (Optional) INPUT/OUTPUT LAN (ETHERNET/USB)	1 RP SMA antenna conn Active GNSS antenna su Aux Port (RS-485/GPIO) Dual Band 2.4/5GHz Wi- 802.11 b/g/n/ac (Wave2 Support for 10 clients, W Output power 16dBm Access Point or Client M Single SSID Support Captive Portal Configurable I/O (5 pins 5 Digital Inputs: ON V 1 Digital Open Collect 3 Analog Inputs: O.5- Configurable Pull-up: DHCP Server IP Passthrough VLAN Host Interface Watchdog PPPoE	ctor ors (cellular, diversity, GNSS) ector (1x1 MIMO Wi-Fi) pport -Fi 2 Client Mode) //PA2 Enterprise ode (Wi-Fi as WAN) total) //oltage: 2.7 to 36 VDC tor Output > sinking 300 mA 5/0.5-10 VDC (range selectable) s for dry contact input	SATELLITE NAVIGATION GNSS (OPTIONAL) NETWORK MANAGEMENT	Specification Remote Authentication (LDAP, RADIUS, TACACS+) DMZ Inbound and Outbound Port filtering Inbound and Outbound Trusted IP MAC Address Filtering PCI compatible Secure Firmware Update Dedicated GNSS Receiver supporting GPS, GLONASS, BeiDou, Galileo Tracking Sensitivity: -162 dBm Accuracy: < 1.5m (50%), < 3.15m (95%) Acquisition Time: 1s Hot Start Reports: NMEA 0183 V3.0, TAIP, RAP, XORA Multiple Redundant Servers Reliable Store and Forward Secure mobile network & asset management application available in the cloud or licensed platform in the enterproduct accenter 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 update Device Configuration Templates Configurable monitoring and alerting Remote provisioning and airtime activation (where		
SERIAL NETWORK AND ROUTI			EVENTS ENGINE	applicable) Custom event triggers and reports Configurable interface, no programming Event Types: Digital Input, Network Parameters, Data Usag Timer, Power, Device Temperature and Voltage Report Type RAP, SMS, Email, SNMP Trap, TCP (Binary, XML, CSV)		
	Port Forwarding			Event Actions: Drive Relay Output		
	NEMO/DMNR VRRP Reliable Static Route		ENVIRONMENTAL	Operating Temperature: -30°C to +65°C / -22°F to +149°F Storage Temperature: -40°C to +85°C / -40°F to		
	Ethernet WAN			+185°F	C 10 T 0 J C / 40 I L0	
	Verizon PNTM IPv6 Gateway Policy Routing Dynamic DNS			Humidity: 90% RH @ 60°C		
				Military Spec MIL-STD-810 vibration, thermal shock, a IP20 rated ingress protecti	nd humidity	

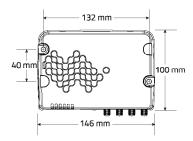


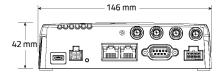
	Specification	
VPN	IPsec, GRE, and OpenVPN Client	INDUSTRY
	Up to 5 concurrent tunnels	CERTIFICATIONS
	Split Tunnel	
	Dead Peer Detection (DPD)	
ROUTER MANAGEMENT	Local web user interface	
	AT Command Line Interface (Telnet/SSH/Serial)	SUPPORT AND
	SNMP	WARRANTY
	SMS Commands	
APPLICATION	ALEOS Application Framework (AAF)	
	LUA Scripting Language	DART NUMBERS
POWER	Input Voltage: 7 to 36 VDC	PART NUMBERS
	Low voltage disconnect to prevent battery drain	
	Built-in protection against voltage transients including 5 VDC engine cranking	
	Ignition Sense with time delay shutdown	
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)	

^{*}For carrier specific band support please refer to the hardware user guide.

Specification Safety: IECEE Certification Bodies Scheme (CB Scheme), UL Vehicle Usage: ISO7637-2, SAE J1455 (Shock, Vibration, Electrical) Environmental: RoHS2, REACH, WEEE Environmental: RoHS2, REACH, WEEE 3-year standard warranty; Optional 2-year warranty extension Unrestricted device software upgrades 1-day Accelerated Hardware Replacement available through participating resellers LTE Verizon: 1103826 / 1103827 Wi-Fi+GNSS LTE NA Generic: 1103828 / 1103829 Wi-Fi+GNSS EMEA, AUS/NZ, LTE-M/NB-IoT SKUs: Coming in Q2/Q3 2018 Other Accessories (sold separately): 2000579 AC Adapter, 12VDC 6001110 Cellular Paddle Antenna 6001111 Wi-Fi 2.4/5Hz Paddle Antenna

DIMENSIONS





AirLink Networking Solution - Related Products

AIRLINK NETWORK MANAGEMENT SOLUTIONS

AIRLINK MANAGEMENT SERVICE (ALMS)



Secure, Cloud-based network and asset management

In the box: DC Power Cable and Quick Start Guide

- Remotely deploy, configure, monitor and manage AirLink devices
- Carrier-grade, high availability, secure, global infrastructure

AIRLINK MANAGER / MOBILITY MANAGER (AM/AMM)



- Deployable in the enterprise data center (on-premises) or in the cloud
- Advanced, end-to-end network and asset management for both fixed and mobile networks.
- Remote, real-time configuration, control and troubleshooting of AirLink devices

AIRLINK VPN APPLIANCE

AIRLINK CONNECTION MANAGER



- VPN appliance built from the ground up for Airlink routers & gateways
- Simplify deployment and management of your VPN solution, extending the enterprise to the network edge for fixed and mobile endpoints
- Carrier agnostic ACM doesn't require fixed and/or public IP
- Compatible with FIPS 140-2, and always-on VPN capability

About Sierra Wireless

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is an IoT pioneer, empowering businesses and industries to transform and thrive in the connected economy. Customers Start with Sierra because we offer a device-to-cloud solution, comprised of embedded and networking solutions seamlessly integrated with our IoT services. OEMs and enterprises worldwide rely on our expertise in delivering fully integrated solutions to reduce complexity, turn data into intelligence and get their connected products and services to market faster. Sierra Wireless has more than 1,400 employees globally and operates R&D centers in North America, Europe and Asia. For more information, visit www.sierrawireless.com.

