



The AirLink LX60 provides LTE connectivity and Wi-Fi for primary and secondary/ backup retail

LX60 Product Description

The AirLink® LX60 LTE provides LTE connectivity and Wi-Fi for primary and secondary/backup retail applications including ATMs, kiosks and POS terminals. Also supports taxis and fleets.

AIRLINK LX60 LTE

Cat 4 LTE router capable of 150 Mbps downlink and 50 Mbps uplink speeds.

Ideal Applications

Primary or backup network connectivity for:

- Retail, Digital Signage
- POS
- Taxis and Commercial Fleets
- Small branch offices
- Industrial IoT
- Building automation

Benefits

- Out-of-the box connectivity delivers same day operations
- Ensures business continuity through simplified failover
- Connect anywhere – without a need for wires or broadband
- Expand new services with global device connectivity

AirLink LX60 – Router Specifications

CELLULAR	
Peak D/L	
North America	LX60 LTE – Up to 150 Mbps, Cat-4 (WP7610)
EMEA	LX60 LTE – Up to 150 Mbps, Cat-4 (WP7607)
AU&NZ	LX60 LTE – Up to 150 Mbps, Cat-4 (WP7609)
Peak U/L	
North America	LX60 LTE – Up to 50 Mbps
EMEA	LX60 LTE – Up to 50 Mbps
AU&NZ	LX60 LTE – Up to 50 Mbps
4G LTE	
Frequency Bands	
North America	LX60 LTE – B2, B4, B5, B12, B13, B17, B66
EMEA	LX60 LTE – B1, B3, B7, B8, B20, B28
AU&NZ	LX60 LTE – B1, B3, B5, B7, B8, B28
3G WCDMA/HSPA+	
Frequency Bands	
North America	LX60 LTE – B2, B4, B5
EMEA	LX60 LTE – B1, B8
AU&NZ	LX60 LTE – B1, B5, B8
2G GSM/GPRS	
EMEA	LX60 LTE – 900, 1800
APPROVALS	
Regulatory	
North America	LX60 LTE – FCC, IC, PTCRB
EMEA	LX60 LTE – GCF, CE
AU&NZ	LX60 LTE – GCF, RCM
Carrier	
North America	LX60 LTE – AT&T, Verizon, T-Mobile
PART NUMBERS	
North America	LX60 LTE – 1104580, 1104572 (Wi-Fi + GNSS), 1104493 (Wi-Fi + GNSS + Telemetry)
EMEA	LX60 LTE – 1104046, 1104047 (Wi-Fi + GNSS)
AU&NZ	LX60 LTE – 1104048, 1104049 (Wi-Fi + GNSS)
HOST INTERFACES	
2 Gigabit RJ-45 Ethernet ports RS-232 serial port (DB-9) USB 2.0 Micro-B Connector 3 SMA antenna connectors (cellular, diversity, GNSS) 1 RP SMA antenna connector (Wi-Fi) Active GNSS antenna support Aux Port (RS-485/GPIO)	
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	

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SATELLITE NAVIGATION GNSS (OPTIONAL)	
	Dedicated 48 channel GNSS Receiver supporting GPS, GLONASS, BeiDou, Galileo Tracking Sensitivity: -162 dBm Reports (Update Rate 1Hz): NMEA, TAIP Reliable Store and Forward via serial, TCP or UDP Inertial Navigation Sensors (Accelerometer and Gyro)
WI-FI (Optional)	
	Dual Band 2.4/5GHz Wi-Fi 802.11 b/g/n/ac (Wave2 Client Mode) Support for 10 clients, WPA2 Enterprise Output power 16dBm Access Point or Client Mode (Wi-Fi as WAN) Single SSID Support Captive Portal
LAN (ETHERNET/USB)	
	DHCP Server IP Passthrough VLAN Host Interface Watchdog PPPoE
ENVIRONMENTAL	
Temperature	Operating Temperature: -20°C to +65°C / -4°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
POWER	
Input/Operating Voltage	7 to 36 VDC
Power modes	Low voltage disconnect to prevent battery drain Built-in protection against voltage transients including 5 VDC engine cranking Ignition Sense with time delay shutdown
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

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

SERIAL	
	TCP/UDP PAD Mode Modbus (ASCII, RTU, Variable) PPP DNP3 Interoperability
NETWORK AND ROUTING	
	Network Address Translation (NAT) Reliable Static Route Port Forwarding Dynamic DNS Policy Routing Verizon PNTM NEMO/DMNR IPV6 Gateway VRRP
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
EVENTS ENGINE	
	Custom event triggers and reports Configurable interface, no programming Event Types: Digital Input, Network Parameters, Data Usage, Timer, Power, Device Temperature and Voltage Report Types: RAP, SMS, Email, SNMP Trap, TCP (Binary, XML, CSV) Event Actions: Drive Relay Output
VEHICLE TELEMETRY	
	OBD II/ J1939 interface over serial (optional) Diagnostic real time alerts/reports (via AMM)
INDUSTRY CERTIFICATIONS	
Safety	IECE Certification Bodies Scheme (CB Scheme), UL 60950
Vehicle Usage	ISO7637-2, SAE J1455 (Shock, Vibration, Electrical)
Environmental	RoHS2, REACH, WEEE
Hazardous Environments	Class 1 Div 2 - Ambient temperatures of 0°C to +60°C
SUPPORT AND WARRANTY	
	1 year standard warranty with up to 5 years extended warranty with current AirLink Complete subscription. Unrestricted critical firmware updates.

AirLink LX60 – Router Specifications

ACCESSORIES

In the box LX60, DC Power Cable and Quick Start Guide
Other Accessories (sold separately):

- 2000579 AC Adapter, 12VDC
- 6001214 DIN Rail Bracket
- 6001004 I/O Cable
- 6001110 Cellular Paddle Antenna
- 6001111 Wi-Fi 2.4/5Hz Paddle Antenna

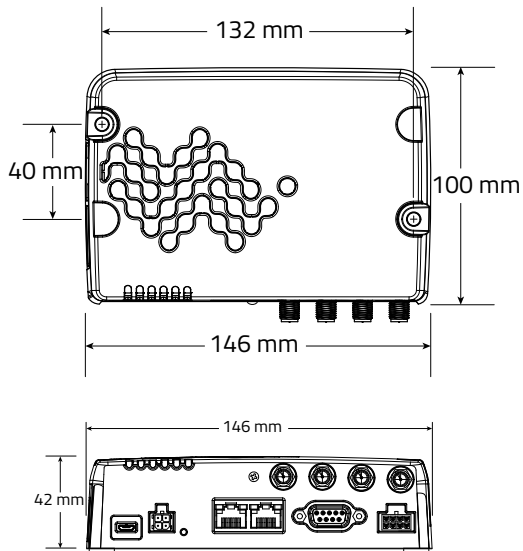
For Antenna options visit: sierrawireless.com/antennas
For Telemetry Variant (1104493):
6001204 OBD-II Y Cable
6001192 J1939 Y Cable

CONSTRUCTION

Polycarbonate housings that meet MIL-810/IP21 environmental standards.

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)
Weight: 250g







LX60 Services and Support



Contact MCA

Cellular Networking
Solutions (CNS) Team

-  605 Eastowne Drive
Chapel Hill, NC 27514
-  888.550.8728
-  cnsinfo@callmc.com
-  <https://lte.callmc.com>

AIRLINK COMPLETE

Maximize your AirLink LX60 hardware investment and ensure your applications operate at peak efficiency by subscribing to our best-in-class service and support including:

- AirLink Management Service (ALMS) network management
- Optional Advanced Mobility Reporting (AMR)
- 24/7/365 Tier 1 technical support from wireless experts via phone or online access
- Extended hardware warranty – up to 5 years
- For more information on AirLink Complete visit our [web page](#)

PROFESSIONAL SERVICES

Our [Professional Services](#) experts are well-versed in the latest enterprise networking and security standards. Harvesting experience and lessons-learned over thousands of customer deployments, our best practices are expertly tailored to help you architect and deploy your cutting-edge AirLink solutions.

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

AIRLINK ANTENNAS

- Tested and certified to provide guaranteed performance with all AirLink routers and gateways
- Accelerate deployment with always-on, end-to-end connectivity
- For more information on antennas specific to the LX60 router visit our [web page](#)

About Sierra Wireless

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is a world leading IoT solutions provider that combines devices, network services, and software to unlock value in the connected economy. Companies globally are adopting 4G, 5G, and LPWA solutions to improve operational efficiency, create better customer experiences, improve their business models, and create new revenue streams. Sierra Wireless works with its customers to develop the right industry-specific solution for their IoT deployments, whether this is an integrated solution to help connect edge devices to the cloud, a software/API service to manage processes with billions of connected assets, or a platform to extract real-time data to improve business decisions. With more than 25 years of cellular IoT experience, Sierra Wireless is the global partner customers trust to deliver them their next IoT solution.

For more information, visit www.sierrawireless.com.