

NEW

– Meet the AirLink® XR60, the World’s Smallest Rugged 5G Router – Now with 5-Year Warranty, Support and Management. Limited-Time Offer!

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# AirLink® LX60

## Dual Ethernet 4G Router

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

- Single Serial

GNSS

IP20 Rated

AirLink Complete
- 4G Cat-4

Single 1×1 Wi-Fi 5

2x Ethernet (1 Gbps)



## AirLink® LX60 – Router Specifications

	North America	EMEA	Australia & New Zealand
CELLULAR			
Peak D/L	Up to 150 Mbps, Cat-4 (WP7610)	Up to 150 Mbps, Cat-4 (WP7607)	Up to 150 Mbps, Cat-4 (WP7609)
Peak U/L	Up to 50 Mbps	Up to 50 Mbps	Up to 50 Mbp
4G LTE			
Frequency Bands	B2, B4, B5, B12, B13, B17, B66	B1, B3, B7, B8, B20, B28	B1, B3, B5, B7, B8, B28
3G WCDMA/HSPA+			
Frequency Bands	B2, B4, B5	B1, B8	B1, B5, B8
2G GSM/GPRS			
Frequency Bands	900, 1800		

**Approvals**

<b>Regulatory</b>	FCC, IC, PTCRB	GCF, CE	GCF, RCM
<b>Carrier</b>	AT&T, Verizon, T-Mobile		

**Part Numbers**

<b>Part Numbers</b>	1104580, 1104572 (Wi-Fi + GNSS), 1104493 (Wi-Fi + GNSS + Telemetry)	1104046, 1104047 (Wi-Fi + GNSS)	1104048, 1104049 (Wi-Fi + GNSS)
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**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

**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**

**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)  
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

**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.

## 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 Telemetry Variant (1104493):

- 6001204 OBD-II Y Cable
- 6001192 J1939 Y Cable

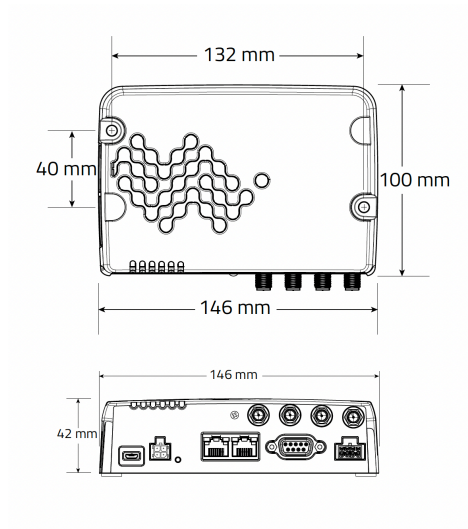
For Antenna options visit: [sierrawireless.com/antennas](https://sierrawireless.com/antennas)

## 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) 250g (weight)



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