

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	4G Cat-4
GNSS	Single 1×1 Wi-Fi 5
IP20 Rated	2x Ethernet (1 Gbps)
AirLink Complete	



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

Regulatory	FCC, IC, PTCRB	GCF, CE	GCF, RCM
Carrier	AT&T, Verizon, T-Mobile		

Part Numbers

Part Numbers	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 IECCE 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 through at least December 31st, 2029

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

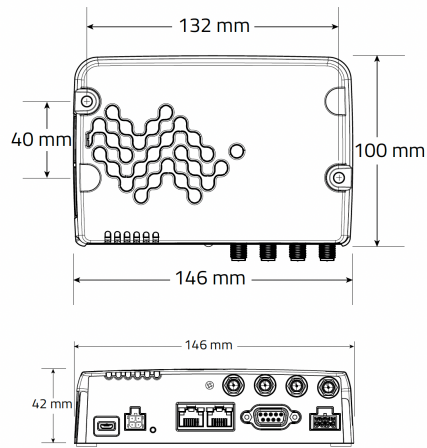
For Antenna options visit: sierrawireless.com/antennas

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.*

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