NEW – Meet the AirLink® XR60, the World's Smallest Rugged 5G Router – Now with 5-Year Warranty, **Learn more →** Support and Management. Limited-Time Offer!

AirLink® LX40

Ultra Compact 4G Router

The AirLink® LX40 is a compact LTE router offering "out-of-the box" LTE and Wi-Fi connectivity that is simple to install. The LX40 supports security, digital signage and IoT applications in fixed, protected environments.

PoE – Power Over Ethernet	4G Cat-4
	Single 1×1 Wi-Fi 5
IP21 Rated	1x Ethernet (1 Gbps)
AirLink Complete	

AirLink® LX40 – 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 Mbps

4G LTE

Frequency Bands	B1, B4, B5, B12, B13, B14, 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	1104579, 1104573 (WiFi)	1104181, 1104182 (Wi-Fi)	1104183, 1104184 (Wi-Fi)

HOST INTERFACES

1 Gigabit RJ-45 Ethernet Port (POE)
USB 2.0 Micro-B Connector
2 SMA antenna connectors (cellular, diversity)
1 RP SMA antenna connector (Wi-Fi)

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

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 per channel
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 (+60°C / +140°F when using PoE)
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 IP21 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 Power-over-Ethernet (PoE) powered device Ignition Sense with time delay shutdown

INPUT/OUTPUT

Configurable I/O pin on power connector
    Digital Inputs: ON Voltage: 2.7 to 36 VDC

    Configurable Pull-ups for dry contact input

    Digital Open Collector Output > sinking 500 mA

    Analog Inputs: 0.5-36VDC (range selectable)

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)
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

INDUSTRY CERTIFICATIONS

Safety	IECEE Certification Bodies Scheme (CB Scheme), UL 60950
Vehicle Usage	E-Mark (UN ECE Regulation 10.04), ISO7637-2, SAE J1455 (Shock, Vibration, Electrical)
Environments	RoHS2, REACH, WEEE
Public Safety	FirstNet®

SUPPORT AND WARRANTY

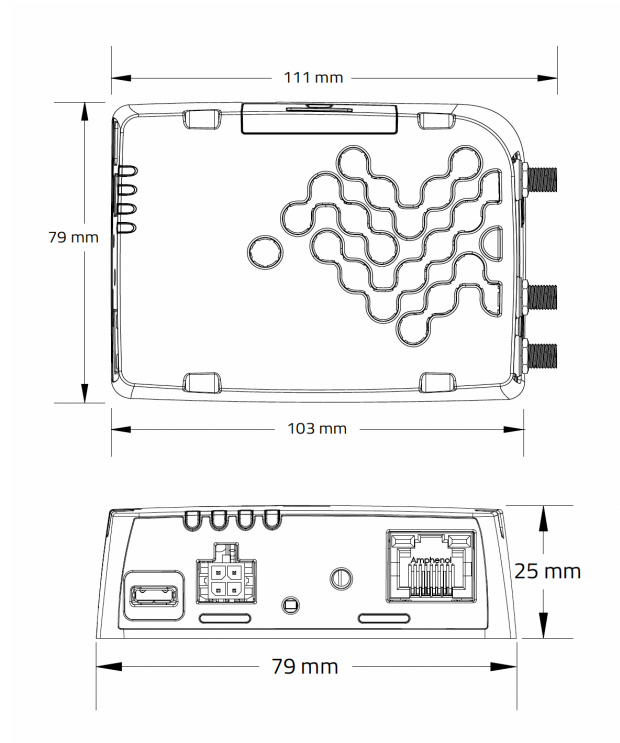|	1 year standard warranty with up to 5 years extended warranty with current AirLink Complete subscription. Unrestricted critical firmware updates.

ACCESSORIES

In The Box	LX40, DC Power Cable and Quick Start Guide
Other Accessories (sold separately)	2000579 AC Adapter, 12VDC 6001221 DIN Rail Bracket 6001110 Cellular Paddle Antenna 6001111 Wi-Fi 2.4/5Hz Paddle Antenna For antenna options visit: sierrawireless.com/antennas

CONSTRUCTION

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

DIMENSIONS

103 mm (111 mm including connectors) x 79 mm x 25 mm 4.1 in (4.4 in including connectors) x 3.1 in x 1.0 in
Weight: 250g

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