



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
- Enables business continuity through simplified failover
- Connect virtually anywhere – without a need for wires or broadband
- Expand new services with global device connectivity
- Remote router management and comprehensive services through AirLink Complete

LX60 Services and Support



AIRLINK COMPLETE

Maximize your AirLink LX60 hardware investment with AirLink Complete – a comprehensive service package designed to empower you with the tools and support necessary to secure, optimize and effortlessly scale your LX60 deployments.

AirLink Complete includes*:

- **AirLink Management Service (ALMS)** for remote device and security management
- **Expert technical support**
- **Extended hardware warranty** – up to 5 years maximum
- For more information on AirLink Complete visit our [web page](#)

**With active subscription. 1-year subscription included with the LX60 purchase*



AIRLINK PREMIUM

Ideal for organizations managing mission-critical vehicle fleets, this service upgrade encompasses all the benefits of [AirLink Complete](#)*, enhanced with:

- **Advanced Mobility Reporting***: Offers comprehensive coverage and fleet reporting to monitor your network and vehicles.
- **Advance Replacement***: Provides same-day shipping for in-warranty router replacements, minimizing downtime, spare inventory and keeping your operations running smoothly.

**With active subscription.*



ANTENNAS

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



AirLink LX60 – Router Specifications

CELLULAR		APPROVALS	
Peak D/L		Regulatory	
North America	Up to 150 Mbps, Cat-4	North America	FCC, IC/ISED, PTCRB
EMEA	Up to 150 Mbps, Cat-4	EMEA	GCF, CE
AU&NZ	Up to 150 Mbps, Cat-4	AU&NZ	GCF, RCM
Peak U/L		Carrier	
North America	Up to 50 Mbps	North America	AT&T, Verizon, T-Mobile
EMEA	Up to 50 Mbps	PART NUMBERS	
AU&NZ	Up to 50 Mbps	North America	1104580, 1104572 (Wi-Fi + GNSS), 1104493 (Wi-Fi + GNSS + Telemetry)
4G LTE		EMEA	1104046, 1104047 (Wi-Fi + GNSS)
Frequency Bands		AU&NZ	1104048, 1104049 (Wi-Fi + GNSS)
North America	B2, B4, B5, B12, B13, B17, B66	HOST INTERFACES	
EMEA	B1, B3, B7, B8, B20, B28	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)	
AU&NZ	B1, B3, B5, B7, B8, B28	SECURITY	
3G WCDMA/HSPA+		Remote Authentication (LDAP, RADIUS, TACACS+) DMZ Inbound and Outbound Port filtering Inbound and Outbound Trusted IP MAC Address Filtering Secure Firmware Update	
Frequency Bands			
North America	B2, B4, B5		
EMEA	B1, B8		
AU&NZ	B1, B5, B8		
2G GSM/GPRS			
EMEA	900, 1800		



AirLink LX60 – Router Specifications

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) 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) CSA-C22.2 No. 62368-1, UL 62368-1, EN/IEC 62368-1**
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

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

** Ambient temperatures of -30°C to +60°C



AirLink LX60 – Router Specifications

AIRLINK COMPLETE (1 Year Included With Router Purchase)	
Support	24/7 technical support*
Hardware Warranty	1-year standard hardware warranty Extended hardware warranty up to 5 years with current subscription**
Device Management	AirLink Management Service (ALMS)*
Software Updates	Unrestricted critical firmware updates through at least December 31st, 2029
AIRLINK PREMIUM (Optional Upgrade) Includes All Airlink Complete Features* and Adds:	
Advanced Mobility Reporting	Coverage and fleet reporting***
Advance Replacement	Same-day shipping for in-warranty router replacements***

*With current AirLink Complete subscription

**Full warranty terms are available at www.sierrawireless.com/end-user-warranty

***With current AirLink Premium subscription

ACCESSORIES

In the box	LX60, DC power cable, AirLink Complete leaflet 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: Semtechwireless.com/antennas
	For Telemetry Variant (1104493):
	6001204 OBD-II Y Cable
	6001192 J1939 Y Cable

CONSTRUCTION

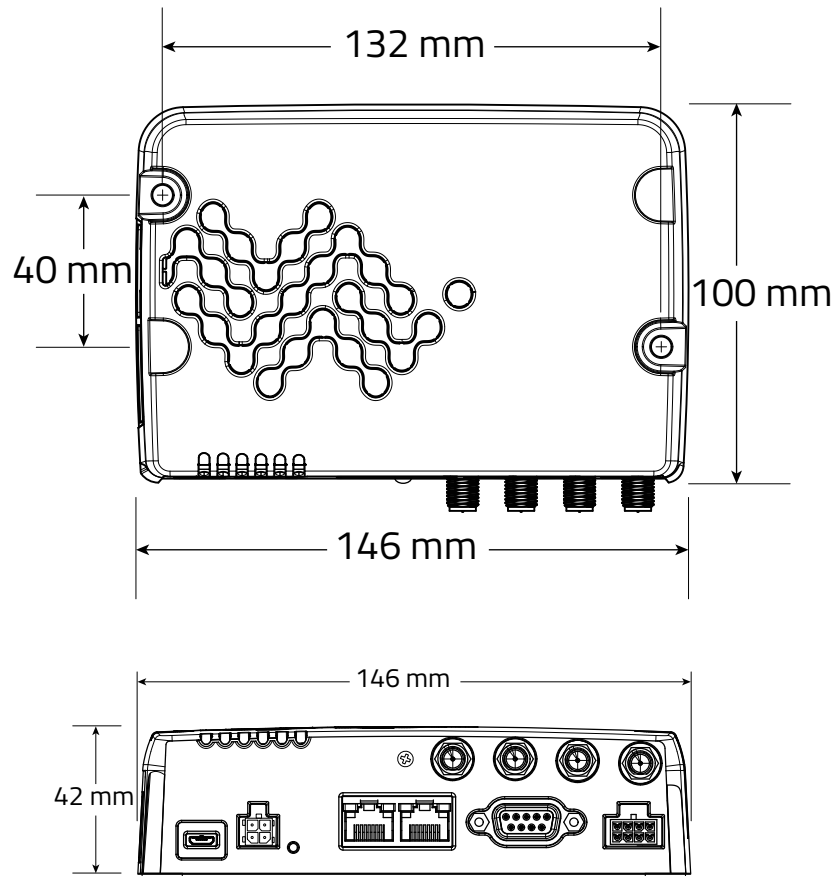
Polycarbonate housings that meet MIL-810/IP20 environmental standards.

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



AirLink LX60 – Router Dimensions Diagram



About Semtech

Semtech Corporation (Nasdaq: SMTC) is a high-performance semiconductor, IoT systems and cloud connectivity service provider dedicated to delivering high-quality technology solutions that enable a smarter, more connected and sustainable planet. Our global teams are committed to empowering solution architects and application developers to develop breakthrough products for the infrastructure, industrial and consumer markets.

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