

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

AirLink® MP70

High Performance 4G Router

The AirLink® MP70 with a single LTE radio and dual-band Gigabit Wi-Fi, enables live video streaming and secure access to remote databases, and delivers connectivity for laptops, tablets, DVRs, and vehicle telemetry.

Single Serial	4G LTE Cat-12
GNSS with Dead	3x3 MIMO Wi-Fi 5
Reckoning	4x Ethernet (1 Gbps)
IP64 Rated	
AirLink Complete	



AirLink® MP70 – Router Specifications

	North America	Global
CELLULAR		
Peak D/L	Up to 600 Mbps, Cat 12	Up to 600 Mbps, Cat 12
Peak U/L	Up to 150 Mbps	Up to 150 Mbps
4G LTE		
Frequency Bands	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B26, B29, B30, B32, B41, B42, B43, B46, CBRS B48, B66	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B18, B19, B20, B26, B28, B29, B30, B32, B41, B42, B43, B46, B48, B66
Public Safety Bands	Band 14 (United States), FirstNet	Band 26, 28
3G WCDMA/HSPA+		
Frequency Bands	B1, B2, B4, B5, B6, B8, B9, B19	B1, B2, B4, B5, B6, B8, B9, B19
Approvals		
Regulatory	FCC, PTCRB, IC	CE, GCF, RED, RCM
Carrier*	AT&T, Verizon, T-Mobile, Rogers, Telus, Southern Linc	Telstra
Part Numbers		
Part Numbers	1104071, 1104073 (Wi-Fi)	1104072, 1104074 (Wi-Fi)
HOST INTERFACES		
4 Gigabit RJ-45 Ethernet ports RS-232 serial port (DB-9) USB 2.0 Micro-B Connector 3 SMA antenna connectors (cellular, diversity, GNSS) Active GNSS antenna support		
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 FIPS 140-2		

SATELLITE NAVIGATION (GNSS)

Dedicated GNSS Receiver supporting GPS, GLONASS, BeiDou, Galileo
 Tracking Sensitivity: -162 dBm
 Reports: NMEA 0183 V3.0, TAIP, RAP, XORA
 Multiple Redundant Servers
 Reliable Store and Forward
 Inertial Navigation Sensors (Accelerometer and Gyro)

WI-FI (OPTIONAL)

Dual Band 2.4/5GHz Wi-Fi
 802.11 b/g/n/ac with support for 128 clients
 WPA2 Enterprise
 High output power
 Simultaneous AP/Client Mode
 WiFi as WAN Mode (Multiple SSIDs, Captive Portal)

LAN (ETHERNET/USB)

DHCP Server
 IP Passthrough
 VLAN
 Host Interface Watchdog
 PPPoE

ENVIRONMENTAL

Operating Temperature -30°C to +70°C / -22°F to +158°F

Storage Temperature -40°C to +85°C / -40°F to +185°F

Humidity 95% RH @ 60°C

Military Spec MIL-STD-810G conformance to shock, vibration, thermal shock, and humidity
 IP64 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 and +200 VDC load dump
 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 500 mA
 3 Analog Inputs: 0.5-36 VDC
 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

INDUSTRY CERTIFICATIONS

Safety	IECEE Certification Bodies Scheme (CB Scheme), UL60950
Vehicle Usage	E-Mark (UN ECE Regulation 10.04), ISO7637-2, SAE J1455 (Shock, Vibration, Electrical)
Environments	RoHS2, REACH, WEEE
Rail Usage	EN50155 (Rolling Stock)

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 MP70, DC Power Cable and Quick Start Guide

Other Accessories (Sold Separately)

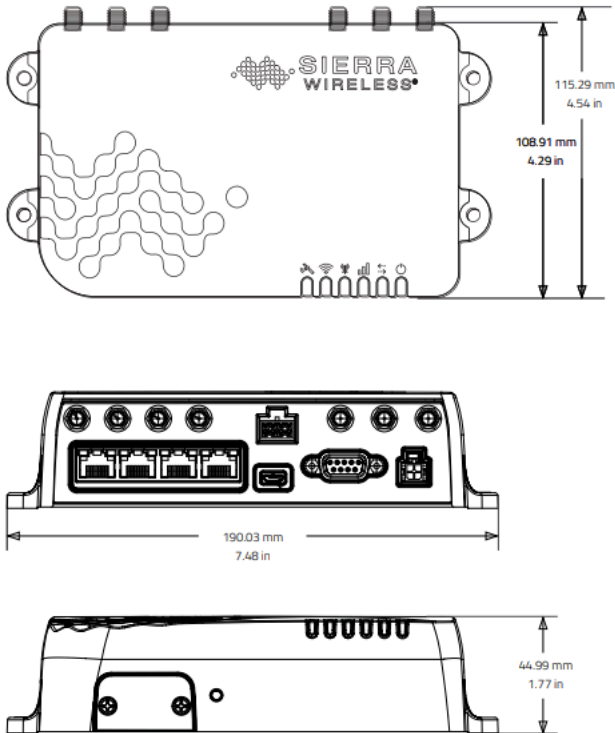
- AC Adapter (2000579)
- I/O Cable (6001004)
- OBD-II Y Cable (6001204)
- J1939 Y Cable (6001192)
- 6-in-1 Shark Fin (6001197)
- 6-in-1 Dome Antenna (6001121)

See website for more antenna options

DIMENSIONS

190mm x 45mm x 105mm (112mm including connectors)
7.5in x 1.75 in x 4.1 in (4.4 in including connectors)

Weight 0.76kg / 1.68 lb



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