

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
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Storage Temperature	-40°C to +85°C / -40°F to +185°F
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Humidity	95% RH @ 60°C
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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
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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
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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 through at least December 31st, 2029

ACCESSORIES

In The Box MP70, DC Power Cable and Quick Start Guide

Other Accessories (Sold Separately)

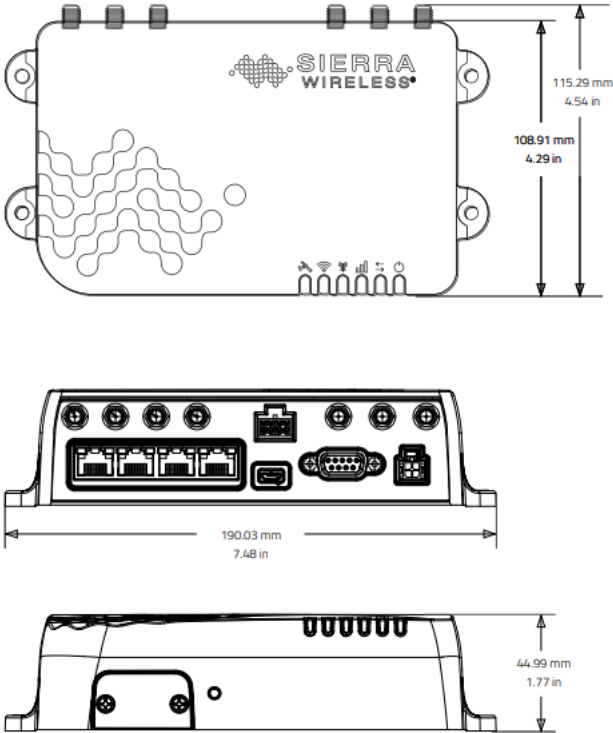
- AC Adapter (2000579)
- I/O Cable (6001004)
- OBD-II Y Cable (6001204)
- J1939 Y Cable (6001192)
- 6-in-1 Shark Fin (6001197)
- 6-in-1 Dome Antenna (6001121)

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.

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