



AirLink® RV55

Compact, Rugged, Low power, LTE-A Pro or LTE-M/NB-IoT Router for Industrial IoT, SCADA and Field Service Fleets

Performance Series Routers



Benefits

- Increase safety for first responders and utility workers
- Get up and running faster through simplified device connections
- Obtain access to previously inaccessible equipment
- Gain real-time remote connectivity for SCADA, distribution and metering
- Operate in remote and hazardous locations through battery and solar power

RV55 Product Description

The AirLink® RV55 delivers LTE and Wi-Fi connectivity for vehicles and remote fixed assets operating in harsh environments. With ultra-low power consumption, the RV55 is ideal for solar/battery powered installations.

RV55 LTE-A PRO

High speed data and video connectivity. Dual Wi-Fi option. FirstNet Ready for public safety applications.

RV55 LTE

Rugged LTE router perfect for fixed and mobile utility applications, oil and gas, and precision agriculture.

RV55 LTE-M/NB-IOT

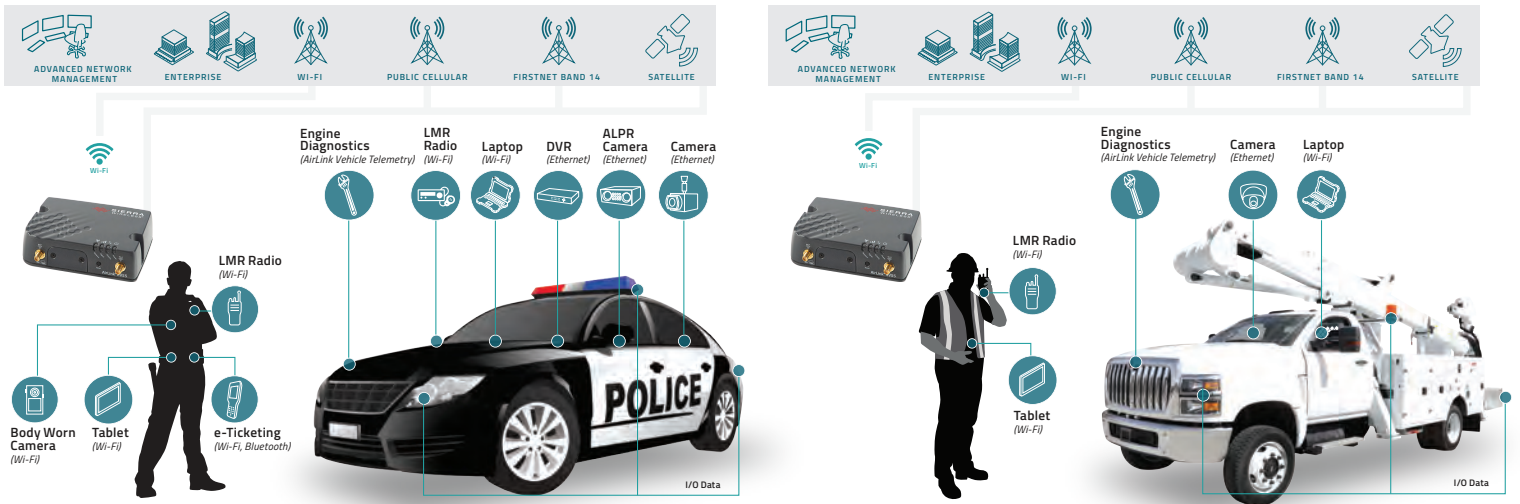
Certified to Cat-M1 and NB-IoT (LPWA) and perfect for IoT infrastructure. Designed for solar and battery use.

Ideal Applications

Ruggedized connectivity for fixed and mobile assets in:

- Utilities
- Oil & Gas
- Public Safety
- SCADA and Metering
- Agriculture
- Environmental monitoring
- Critical Infrastructure

RV55 APPLICATION EXAMPLES



POLICE

BUCKET TRUCK

AIRLINK RV55 – PERFORMANCE SERIES ROUTER

Top Features	Device Variant	Specifications
LTE Supported	RV55 LTE-A Pro	Cat 12. LTE-A Pro (600/150 Mbps), HSPA+, CBRS, FirstNet
	RV55 LTE	Cat 4. LTE (150/50 Mbps) HSPA+, EDGE
	RV55 LPWA	Cat-M1/NB-IoT
Navigation	RV55 LTE-A Pro and RV 55 LTE only	GNSS
Wi-Fi (Dual Radio)	RV55 LTE-A Pro option only	Dual Band 2.4/5GHz 802.11ac Wave 2*, 1x1 MIMO, 433 Mbps, 10 Clients, 1 SSID per Radio
Interfaces	All	10/100/1000 Ethernet, RS-232, USB 2.0. Configurable I/O pin.
Security	All	All Sierra Wireless security features including secure boot and secure firmware update. IPsec, GRE, and OpenVPN client with up to 5 concurrent tunnels.
Construction	All	Aluminum die cast housing rated to IP-64 and Mil-STD 810G. Class1 Div 2 for hazardous use.
Industry Certifications	All	FirstNet Ready™ Safety: IECEE Certification and SAE J1455 (Shock & Vibration) Vehicle Usage: E-Mark and SAE J1455 (Shock & Vibration) Class1 Div 2 for hazardous environments
Dimensions	All	119 mm x 85 mm x 33 mm 4.69 in x 3.35 in x 1.34 in
Warranty	All	3 years (with options for up to 5 years)
Region and Carriers	RV55 LTE-A Pro	North America - Verizon, AT&T/FirstNet, US Cellular, Sprint, TELUS
	RV55 LTE	North America - Verizon, AT&T
	RV55 LPWA	Global

RV55 Services and Support

AirLink Complete: AirLink Complete is a subscription service that combines best-in-class device management software through AirLink Management Service (ALMS), industry-leading technical support and an extended warranty option. It delivers a cost-effective way to ensure your mission-critical infrastructure operates at peak efficiency. AirLink Complete is included free for 1 year with the purchase of a new RV55.

Device Management: AirLink Management Service (ALMS) is a secure cloud-based device management solution that supports over-the-air registration, configuration and software updates. ALMS Advanced Reporting and Analytics (ALMS ARA) adds advanced historical reporting and deeper insights to data.

Professional Services: Full product life-cycle services including solution consulting and solution implementation services delivered by Sierra Wireless Network Engineers and Program Managers.

About Sierra Wireless

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is the leading IoT solutions provider that combines devices, network and software to unlock value in the connected economy. Companies globally are adopting IoT to improve operational efficiency, create better customer experiences, improve their business models and create new revenue streams. Whether it's a solution to help a business securely connect edge devices to the cloud, or a software/API solution to help manage processes associated with billions of connected assets, or a platform to extract real-time data to make the best business decisions, Sierra Wireless will work with you to create the right industry-specific solution for your next IoT endeavor. Sierra Wireless has more than 1,300 employees globally and operates R&D centers in North America, Europe and Asia.

Connect with Sierra Wireless on the IoT Blog at www.sierrawireless.com/iot-blog, on Twitter at @SierraWireless, on LinkedIn at www.linkedin.com/company/sierra-wireless and on YouTube at www.youtube.com/SierraWireless

Sierra Wireless, the Sierra Wireless logo, AirPrime, AirLink, AirVantage and the red wave design are trademarks of Sierra Wireless. Other registered trademarks that appear on this brochure are the property of the respective owners. © 2020 Sierra Wireless, Inc. 2020.09.1