SIERRA WIRELESS®

FIRSTNET. Built with AT&T
READY

AirLink® RV55

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

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.
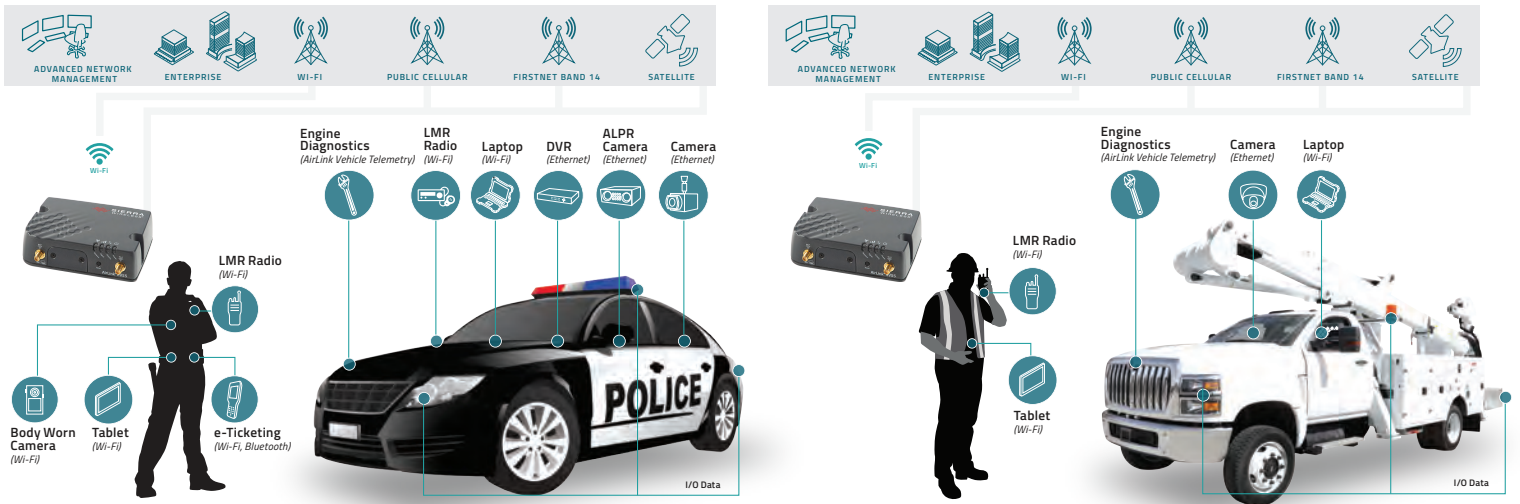
RV55 LTE-M/NB-IOT

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

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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.

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