

Sierra Wireless AirLink® Intelligent Gateways

Simple, Scalable, Secure

Accelerate your time-to-market by quickly deploying internet connectivity, location-based services, and remote monitoring through AirLink® intelligent gateways. For 20 years, Sierra Wireless has been providing mission-critical connectivity to some of the largest organizations in the world.

A PRODUCT PORTFOLIO DESIGNED FOR M2M

- **Rugged Gateways That Stay Connected**

AirLink gateways can be deployed without any programming and are built with the intelligence to always stay connected. Relied upon every day in remote outdoor locations, in-vehicle applications, and retail chains, they securely connect people, equipment, and services.

- **Intelligence That Accelerates Deployment**

ALEOS™ embedded intelligence is the power behind AirLink gateways that enables them to connect with industrial, enterprise, and mobile equipment out-of-the-box. Its rich set of configurable parameters simplifies device deployment and provides a reliable, standardized experience.

- **Programmability Without Any Embedded Expertise**

The ALEOS Application Framework and integrated development environment make it easy to process data inside an AirLink gateway. Collect and analyze information from connected equipment and optimize data transfers using a simple, Lua-based scripting language. Now you can write embedded applications without deep embedded expertise.

- **Remote Management That Simplifies Operations**

AirVantage® Management Service is a cloud application that simplifies and scales M2M operations, allowing you to manage a thousand devices as easy as ten. Deploy faster and reduce your operational costs by remotely configuring, deploying, and monitoring any number of AirLink devices over-the-air.

- **Cloud Platform To Access Your M2M Data**

The AirVantage Enterprise Platform enables you to utilize data collected from AirLink devices to bring innovation to business processes, service applications, and revenue streams. Offering easy access to machine data using the latest web 2.0 API standards, our cloud platform simplifies the integration of wireless data with enterprise applications.



Remotely monitor and control infrastructure, instrumentation, or surveillance equipment in any industrial application.



Provide reliable internet connectivity and location-based services to a mobile workforce in any field service application.



Deploy wireless backup across retail locations, remotely manage networking equipment, or connect remote point-of-sale applications.

Gateways Overview

Get Connected. Stay Connected.

AIRLINK GATEWAYS ARE QUICK TO DEPLOY, SIMPLE TO MANAGE, AND BUILT TO LAST FOR YEARS IN THE HARSHTEST ENVIRONMENTS.

GX SERIES - RUGGED, MOBILE 3G/4G GATEWAY

The AirLink GX Series of intelligent gateways delivers high-speed, mission critical cellular communication. All GX Series have a rugged, water resistant design and come standard with GPS, Ethernet, serial, USB, and digital I/O with the option to add:

- A Wi-Fi hot spot with simultaneous client mode for cellular offloading when available.
- More digital and analog I/O to monitor sensors and a second serial port for collecting data or remotely controlling serial equipment.
- More Ethernet ports to connect up to three Ethernet devices without an external switch.

ES440 - 4G GATEWAY & TERMINAL SERVER

The AirLink ES440 enterprise gateway delivers mission-critical 4G LTE connectivity when primary landline connections are unavailable. Part of a best-in-class business continuity strategy, the ES440 enables remote out-of-band (OOBM) enabling network administrators to remotely troubleshoot and repair attached enterprise-grade routers over wireless wide area networks (WWAN).

Using the AirLink ES440's serial port to connect to the console port of the router, network operations are able to remotely reboot, configure, and update a router and dramatically reduce the number of field visits.

LS300 - COMPACT, INDUSTRIAL 3G GATEWAY

The AirLink LS300 industrial gateway is our all-in-one successor to the market-leading Raven line of rugged gateways. By combining the capabilities of three gateways into one, the LS300 offers Ethernet, serial, digital I/O, and USB interfaces, as well as GPS for in-vehicle applications.

Its small footprint makes for easy installation and rugged military spec design enables it to withstand extreme temperature changes, humidity, shock, and vibration. The LS300 is certified for hazardous environments and ideal for any industrial deployment.



GX SERIES



ES440



LS300

AIRLINK GATEWAY BENEFITS

- Intelligence that makes them quick to deploy and simple to manage
- Rugged design that lasts for years in the harshest environments
- Reliable connectivity that ensures devices stay connected to the network
- Application framework that makes it easy to program gateways without embedded expertise
- Industry-leading warranties and support that keep customers coming back for years

Top AirLink Markets

IF TIME-TO-MARKET AND RELIABLE CELLULAR CONNECTIVITY IS IMPORTANT TO YOU, THEN GO WITH THE BRAND THAT HAS DEPLOYED OVER ONE MILLION INTELLIGENT GATEWAYS AROUND THE GLOBE.

INDUSTRIAL | ENERGY AND UTILITIES, INFRASTRUCTURE, SECURITY, AND EQUIPMENT MONITORING

- Reduce equipment downtime and field service trips by remotely troubleshooting and repairing networked field devices
- Monitor and control power transmission and distribution remotely
- Manage remote SCADA systems and surveillance equipment
- Enable warning messages and diversion instructions to digital highway signs to alert drivers of traffic jams or accidents

MOBILITY | PUBLIC SAFETY, FIELD AND COMMUTER SERVICES, AND ASSET MANAGEMENT

- Access critical law enforcement databases in real-time to check license plates, identification, and prior record history
- Set up alerts when vehicles exceed certain speed limits, doors or locks are opened, or sirens are turned on and off
- Enable wireless services on buses, trains, or process secure credit card transactions in taxis
- Monitor transportation fleet vehicles and improve efficiency by dispatching based on proximity to service location

ENTERPRISE | POINT-OF-SALE, KIOSKS, DIGITAL SIGNAGE, AND NETWORKING

- Provide high-speed, wireless backup during temporary internet/landline outages to continue processing secure sales and payment transactions
- Remotely monitor and troubleshoot networking equipment
- Accelerate open times on new or temporary retail locations
- Produce targeted offers and product information on digital displays or monitor vending machine usage



The most important benefit is the ease of integration and the management of all the devices in the field; within minutes, the status of all our devices can be verified.

– Project Manager, Monir Precision Monitoring

Powering Next-Generation M2M Applications & Services

DESIGNED TO SECURELY COLLECT AND DELIVER VALUABLE FIELD DATA TO YOUR BUSINESS, AIRLINK GATEWAYS COME WITH THE INTELLIGENCE AND TOOLS TO TRANSFORM YOUR OPERATIONS.



DEVICE TO CLOUD

AirLink gateways can be configured or programmed to securely collect and transmit machine data. Pre-integrated with the AirVantage M2M Cloud, valuable field data is securely stored in state-of-the-art, globally distributed data centers with a scalable device-to-cloud infrastructure designed for big M2M data sets.

CLOUD TO YOUR BUSINESS

The AirVantage M2M Cloud allows you to easily access the field data collected from AirLink devices and integrate it into your applications and services. From accounting, reporting, and sales applications, to creating new web and mobile services that add value to your employees, mobile workers, and customers – think of the possibilities the cloud can bring your business!

About Sierra Wireless

Sierra Wireless is the global leader in machine-to-machine (M2M) devices and cloud services, delivering intelligent wireless solutions that simplify the connected world. Our solutions are simple, scalable, and secure, and enable customers to get their connected products and services to market faster.

For further company and product information, please visit www.sierrawireless.com.