SIERRA WIRELESS IS NOW
SEMTECH®

ALLIANCE CORPORATION
THE POWER OF BEING CONNECTED.

AirLink® Ruggedized Wireless Router Solutions for Mission and Business-Critical Applications

AIRLINK® ROUTER SOLUTIONS

For more than 30 years, our team has delivered secure, reliable cellular connectivity for your critical assets. Leveraging advanced 5G and LTE public and private cellular technologies, we enable you to connect and manage your assets remotely – no matter when or where.

AirLink® Router Solutions – Get Connected. Stay Connected.

AirLink router solutions deliver reliable connectivity to keep your critical operations running. Our **Pro Series** feature rugged 5G and LTE routers tested to stringent military-grade and industrial standards. These routers work in harsh environments and deliver high-security, extreme reliability and ultra-high performance. Our **Essential Series** routers are ideal for indoor and protected outdoor locations. See our Router Selection Guide to find the right router for your needs.

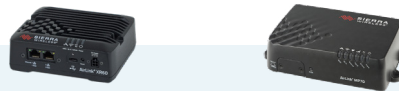**PRO ROUTERS**

ULTIMATE

Ultimate routers provide ultimate multi-network 5G and Wi-Fi coverage and performance. They feature advanced networking, dual-radio options and an ultra-rugged design.

PERFORMANCE

Performance routers provide the perfect blend of size and performance in an ultra-rugged design. They securely connect multiple devices and demanding applications in both fixed and mobile setups.

COMPACT

Compact routers feature an ultra-compact size and ultra-low power consumption with an ultra-rugged design. They are ideal for remote, harsh environments and can be powered by solar energy or batteries.

ESSENTIAL ROUTERS

ESSENTIAL

Essential series routers provide secure and reliable connectivity for business-critical applications in indoor and protected outdoor locations.

REMOTE DEVICE & SECURITY MANAGEMENT
with AirLink Management Service (ALMS)

OUT-OF-BAND MANAGEMENT
(AirLink XR80 router only)

AIRLINK COMPLETE

HARDWARE WARRANTY

TECHNICAL SUPPORT

NETWORK MANAGEMENT AND SERVICES

Connecting your critical assets goes beyond deploying a router. Our network management services enable full network control for device monitoring, vehicle tracking and delivery of critical network and security updates.

ANTENNAS

Our extensive portfolio of high-performance antennas for mobile and fixed applications are tested and certified to maximize connectivity with AirLink routers.

AIRLINK® ROUTER SOLUTION APPLICATIONS

PUBLIC SAFETY AND FIRST RESPONDERS

AirLink's highly ruggedized Pro routers create Vehicle Area Networks enabling law enforcement, fire and EMS teams to increase safety through real-time situational awareness and communications. AirLink routers also simplify and speed collaboration between teams and help ensure accountability.

APPLICATION	KEY SOLUTION BENEFITS
Law Enforcement	Real-time video and data communications can help increase officer and citizen safety, accelerate collaboration and ensure accountability.
Fire	Help maximize coordination between all first responders and leverage new technologies such as AR and robotics.
EMS	Quickly access electronic patient care records (EPCR) and communicate patient status to hospitals.

TRANSIT AND UTILITY FLEETS

Transit, school bus and field service organizations rely on real-time information to manage their workforce and maximize safety. AirLink Pro routers create Vehicle Area Networks enabling organizations to instantly know the location and status of their mobile assets.

APPLICATION	KEY SOLUTION BENEFITS
Public Transit	Improve security through real-time video monitoring and provide enhanced Wi-Fi connectivity for passengers.
School Busses	Provide students with secure access to Wi-Fi on their rides to and from school. Improve driver and student security.
Utility Fleets	Track driver behavior and reduce costs through preventative maintenance monitoring.

UTILITY APPLICATIONS

AirLink Pro routers deliver real-time communications to keep power grids, gas lines and water systems fully operational 24/7. The ultra-rugged, low-power design makes AirLink Pro routers perfect for field operations at temperature extremes and in remote locations using battery or solar power.

APPLICATION	KEY SOLUTION BENEFITS
Renewable Energy Management	Quickly expand renewable energy operations, help ensure worker safety and leverage automation.
Monitoring of Distribution Lines	Real-time monitoring expedites response times and reduces field team travel costs.
Monitoring of Utility Fleets	Improve crew safety, reduce truck rolls and response times. Leverage predictive maintenance to reduce costs.

INDUSTRIAL APPLICATIONS

AirLink Pro routers deliver remote, real-time monitoring, control and management. AirLink Ultimate and Performance routers deliver real-time, persistent connectivity. AirLink Compact routers enable solar or battery-powered operations.

APPLICATION	KEY SOLUTION BENEFITS
Oil and Gas	Remotely monitor conditions in production environments. Lower costs through predictive maintenance.
Manufacturing	Reduce operational costs through continuous monitoring and benchmark comparisons. Improve quality and worker safety. Implement wireless machine control systems.
Agriculture	Improve livestock management and reduce crop over-watering, irrigation channel flooding and manual spraying.

AIRLINK® ROUTER SOLUTIONS

PRIVATE NETWORKING

AirLink Pro routers serve as a key component in mission-critical private networking applications. These routers provide full redundancy and failover capabilities to seamlessly switch to a public network when out of range of the private network.

APPLICATION	KEY SOLUTION BENEFITS
Energy	Connect drilling machines, autonomous vehicles, rugged handhelds and other equipment where public cellular networks are not available.
Warehouses	Eliminate Wi-Fi system complexity and dead spots while enabling advanced robotic automation.
Airports/Transportation	Deliver strong connectivity to transportation workers as well as hundred of thousands of visitors.
Government	Automate warehouses, track your critical assets and connect remote military logistics centers.

ENTERPRISE NETWORKING APPLICATIONS

AirLink Essential routers provide primary connectivity for branch stores/offices and pop-up locations or serve as backup should cable or fiber connections fail. Essential routers are ideal for connecting digital signage and kiosks with up-to-date information without having to run broadband fiber or cable.

APPLICATION	KEY SOLUTION BENEFITS
Primary and Failover Connectivity	Quickly connect branch locations without waiting for broadband installation. Use cellular as a backup if broadband connectivity goes down.
Digital Signage and Kiosks	Connect digital signage and kiosks without waiting for broadband routing or installation. Gain real-time content refresh.
IP Security Cameras	Maintain real-time views of citizens and assets with reduced installation times and cost.

To see which router is right for your application visit our AirLink Solutions pages.

Semtech is Your Trusted Partner Where Security Matters Most

Semtech is strongly committed to solution security through the entire product lifecycle from solution inception, design, deployment, operations and security maintenance.

AirLink Routers are developed leveraging secure development practices including third-party security audits and penetration tests. Secure firmware updates can be automatically delivered to the routers to ensure that devices remain updated with the latest version, security patches and router security features.

We follow MITRE-approved processes to accept vulnerability reports, coordinate with security researchers, and issue CVE reports against our AirLink products. This provides us with lifecycle control of security vulnerabilities reported against our products while providing consistent and reliable visibility to our customers.

For more information, visit our Security page.

Semtech - Supporting Your Success

Semtech is a trusted provider of Public Safety and industrial solutions and currently serves hundreds of organizations globally. Our solutions come with comprehensive services to ensure your devices operate securely and at peak performance. We support our customers with expert technical support, real-time remote management, unrestricted access to firmware and security updates and hardware warranty with AirLink service subscriptions.

As a part of the global cellular and IoT ecosystem we contribute to the definition and evolution of technology standards. Our partnerships with major cellular carriers help ensure you have the performance and connectivity required for your mission-critical and business-critical applications.

Contact us to Learn More

To learn more about AirLink Networking Solutions, call us at **1.877.687.7795**
or email sales@sierrawireless.com

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Website
Telephone

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About Semtech

Semtech Corporation (Nasdaq: SMTC) is a high-performance semiconductor, IoT systems and cloud connectivity service provider dedicated to delivering high-quality technology solutions that enable a smarter, more connected and sustainable planet. Our global teams are committed to empowering solution architects and application developers to develop breakthrough products for the infrastructure, industrial and consumer markets.

To learn more about Semtech technology, visit us at **Semtech.com** or follow us on **LinkedIn** or **X.**