

WLINK WL-G930 is an industrial 5G router designed to provide secure and reliable remote connectivity for assets utilizing cellular networks. Its global version supports nearly all mainstream carriers worldwide, offering customers unparalleled flexibility in carrier selection across different regions.

Engineered for harsh environments, the WL-G930 enables seamless wireless communication for M2M applications, including:

- Connected vehicles and autonomous systems
- Immersive entertainment platforms
- Cloud robotics and remote machine control
- eHealth solutions
- Industrial automation (SCADA, RTUs, PLCs, remote I/O)
- Security systems and industrial sensors

This advanced 5G router specifically addresses emerging IoT market segments, supporting Enhanced Mobile Broadband (eMBB), Ultra-Reliable Low-Latency Communications (URLLC) and Fixed Wireless Access (FWA). For example, AR/VR applications demand both high bandwidth and ultra-low latency, while automotive applications primarily require reliable low-latency communication.

The WL-G930 represents a transformative solution for industries, businesses, and user experiences. Discover how to maximize your 5G investment and capitalize on the opportunities of this technological revolution.



Ultra speed



Unbreakable



High performance



Low Latency

Incredible Speed

Experience blazing-fast 5G mobile broadband internet with groundbreaking download speeds of up to 4Gbps.

Industrial-Grade Compact Design with Superior Performance

The fan-free design, robust housing, and wide operating temperature range (-30°C to 75°C) ensure exceptional durability. It is resilient against strong magnetic interference and features dual power supplies for redundancy, isolated input, and a wide voltage range (7.5 V DC to 32 V DC) for reliable performance in demanding environments.

Extensive Interfaces for Flexible Expansion

The G930 features a wide range of interfaces, including Gigabit Ethernet, RS-232, RS-485, USB, and DI/DO ports. It supports IP-based PLC communication with IPv6 compatibility and offers plug-and-play functionality for seamless integration. Additionally, GPS tracking and expandable storage options are available to further enhance its capabilities.

Ultra-Low Latency & Enhanced Network Capacity

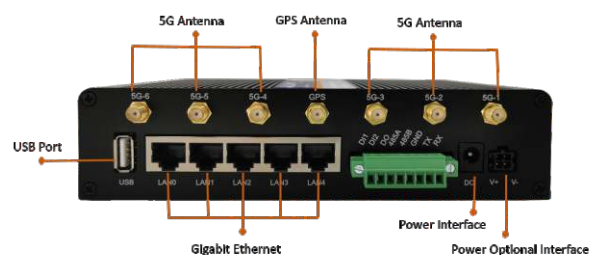
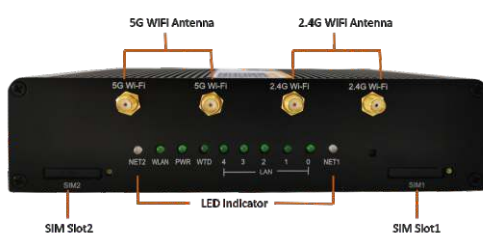
5G's revolutionary ultra-low latency — measured as the near-instantaneous transmission time between devices and servers — enables real-time responsiveness. Combined with advanced Massive MIMO technology, this innovation dramatically improves link reliability, delivers spectrum-efficient capacity expansion, and achieves industry-leading energy efficiency.

Secure and Reliable Network

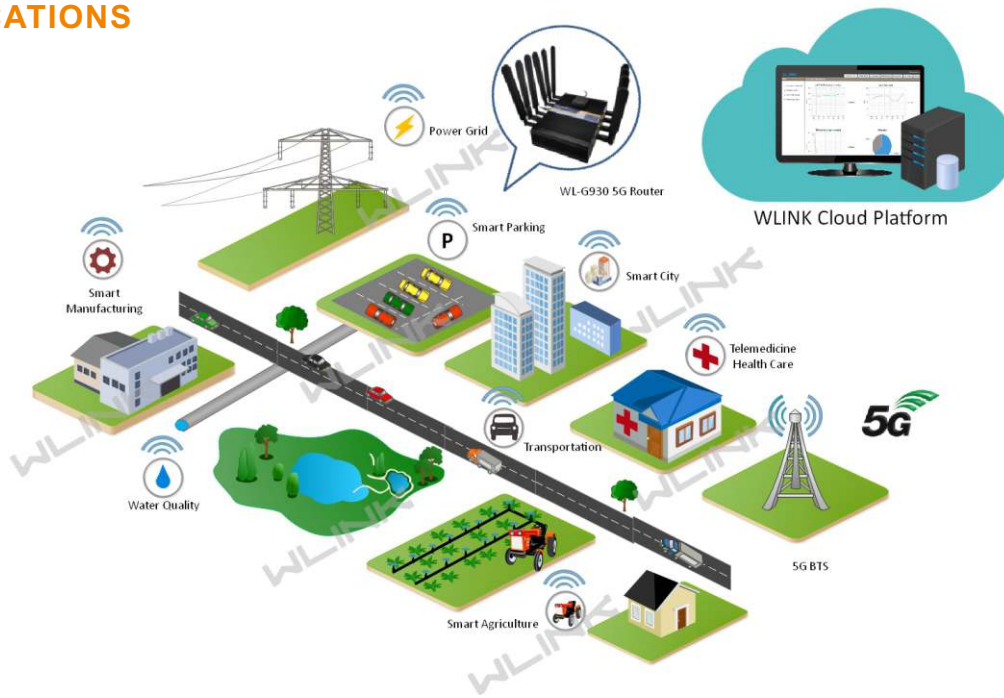
The G930 supports advanced security features to ensure robust and dependable communications. Key functionalities include DMVPN, OpenVPN, IPsec IKEv1/IKEv2, L2TPv3, NAT, port forwarding, stateful firewall, packet filtering, data encryption, and Access Control List (ACL). These features work together to provide a secure network environment, safeguarding data and maintaining reliable connectivity.

Cloud-Based Platform Management

G930 can be managed through a cloud-based platform, offering simplified setup, centralized configuration, and comprehensive network analysis for large-scale deployments. This platform enables operators to remotely monitor and manage all routers, track Wi-Fi user status, update configuration files, access detailed statistics, perform firmware upgrades, and manage advertisement updates—all from a single interface.



HOT APPLICATIONS



SPECIFICATION

| Hardware | | | |
|-------------------|---|--------------------|--|
| Cellular | <ul style="list-style-type: none"> 5G: n1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/66/71/75/76/77/78/79 LTE: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/66/71/34/38/39/40/41/42/48/46 UMTS: B1/2/4/5/6/8/19 | Hardware System | <ul style="list-style-type: none"> MIPS Dual-core 880MHz 256Mb Flash, 2GB DDR3 RAM Hardware Watchdog 8-256GB Storage Optional |
| Interface | <ul style="list-style-type: none"> 5x Gigabit Ethernet (4x LAN, 1X LAN/1x WAN Configurable) 2x SIM Slot 8Pins Terminal block connector 3x I/O 1x RS232 1x RS485 1x DC(5.5mm) 1x DC(4Pins plugs) 1x USB 6x SMA-K(Female) 5G Antenna Interface 1x GPS Antenna Interface 4x SMA-RP Wi-Fi Interface | GPS(Optional) | <ul style="list-style-type: none"> GPS Sensitivity: -160dBm GPS Accuracy: 2.5m CEP Update Rate: 1Hz@5Hz Time to First Fix: Cold Status 27s, Hot start 1s. Protocol: NMEA-0183 2.3V |
| LED Indicator | <ul style="list-style-type: none"> NET WLAN PWD WTD LAN | Wi-Fi | <ul style="list-style-type: none"> IEEE 802.11 n/ac |
| Consumption | <ul style="list-style-type: none"> Voltage:DC +7.5~36V DC (standard 12V/2A power adapter) SIM/R-UIM Card:3V Idle: 500mA@+12VDC Online :900mA@+12VDC | Other | <ul style="list-style-type: none"> Galvanized Steel with grounding Screw Dimension: 179mm x 124mm x 43mm (not including antenna) Weight: 610g (not including accessories) Operation temperature: -30~+75°C Storage temperature: -40~+85°C Relative humidity: 0~95% (non-condensing) Warranty: Two Years |
| Software | | | |
| Operating System | <ul style="list-style-type: none"> Linux-based WLINK OS | Firewall | <ul style="list-style-type: none"> IP Filter MAC Filter Domain name Filter |
| Network Protocol | <ul style="list-style-type: none"> IPv4, IPv6 (Optional)PPPoE UDP/TCP/ICMP/NTP/DHCP, HTTP/HTTPS UPNP SNMP TR069 | Network Monitoring | <ul style="list-style-type: none"> ICMP Check Traffic Check Traceroute Data Capture Bandwidth Graph Data Traffic Graph |
| VPN | <ul style="list-style-type: none"> WireGuard / ZeroTier DMVPN/GRE Tunnel OpenVPN Client/Server PPTP/L2TP Client/Server L2TP V3 IPsec Client/Server | Network Features | <ul style="list-style-type: none"> 5G/WAN Failover VLAN Bandwidth Management NAT/DMZ IP Passthrough/Port Redirection Static/Dynamic routing |
| Router Management | <ul style="list-style-type: none"> Local/Remote GUI Telnet/SSH WLINK M2M Platform | WLAN | <ul style="list-style-type: none"> 2.4G 5G 2.4G&5G Mixed |