

Product Model

LGR-F-540

Product Image



Product Overview

LGR-F-540 is a high-quality industrial 4G wireless router product, the whole machine supports 1 WAN interface, 4 LAN interfaces, 1 4G interface, 1 WLAN interface, suitable for data service back transmission in various wired network can not cover the environment. It adopts high-speed 4G/3G as data carrier network to provide safe and reliable wireless connection for networking between remote devices and sites, and can be widely used in finance, transportation, municipalities, environmental protection, electric power, postal service, water conservancy and meteorological industries.

Technical Specification

Adopt the latest industrial-grade SoC, low power and high performance.
 Supports main backup switching between WAN port and 4G, realizing link backup and seamless integration of wired and wireless to ensure reliable operation of data transmission.
 Support high-speed WLAN access function, providing wireless LAN access and wireless user authentication service for customer sites.
 Support software and hardware watchdog and multi-level link detection mechanism, with automatic fault detection and automatic recovery capability.
 Support remote or local upgrade of firmware program, and adopt redundant backup upgrade mechanism.
 Support access control policy configuration, traffic log and system log query.

Support configuration import and export to facilitate batch configuration of the device.
 Support software and hardware to restore the factory device.
 Support external mass storage up to 32GB
 Standard DIN rail mounting, with optional wall mounting to meet the requirements of device deployment in various application scenarios
 Corrugated high-strength metal enclosure with IP40 protection level
 Green low-power fanless passive cooling design, operating temperature -20 to +70°C, relative humidity 0 to 95% non-condensing, working altitude up to 5000m
 Comply with EMC industrial level 4 electromagnetic compatibility standard, meet the IEEE 1613 standard definition of strong electromagnetic interference under trouble-free operation requirements, reliable work in harsh electrical environment mean time between failure (MTBF) more than 50 years.
 Five-year warranty.

Specification name

Performance Parameters

4G access

TD-LTE and FDD-LTE, full network access

WIFI

802.11b/g/n

Routing

RIP v1/v2, OSPF, BGP, ISIS, OSPFV3, IS-ISV6, BGP4+ etc.;
 IGMP, PIM-DM, PIM-SM, PIM-SSM, DVMRP, MSDP etc.

IPv4/IPv6, manual tunneling, 6 to 4 automatic tunneling

IP Applications

Unique EoIP tunneling technology, user traffic layer 2 pass-through, support point-to-point and point-to-multipoint topology, easy to deploy with security

Standard IPsec-based VPN service, encryption methods including DES, 3DES, AES data verification methods including MD5 and SHA-1

VPN

Dedicated VPDN channel based on 4G network

Security Management

Firewall security features such as Smart Stateful Packet Inspection (SPI), Denial of Service (DoS) attack prevention and anti-pattern scanning

Telnet, WEB, SNMP