CIR352

2x100M LAN Ports, 1x4G Antenna Interface, and 1xNano SIM Card Slot



- Support 4G cellular wireless network, enabling wired terminal devices to connect to the internet
- Support SYN-flood defense, port mapping, IP/MAC/DNS address filtering, custom rules with ip tables, DMZ isolation zone, UPnP, IP/MAC speed limiting, QoS to limit upload/download speeds, and other firewall functions
- Support Peanut Shell intranet penetration, dynamic DNS, VPN, SNMP, LLDP, cloud services, and more
- Support industrial-grade DC power input of DC9~24V
- High-strength metal enclosure with fan-less heat dissipation design
- Operate in -40°C to +75°C

Product Description

The CIR352 is a wall-mount 4G industrial router designed and developed specifically for industrial communication networks. It supports 4G cellular wireless networks and features 2x100Mbps LAN ports, 1 x 4G antenna interface, and 1xDC9~24V power input.

This product supports a wide range of network management functions via WEB configuration, including DHCP server, 4G network settings, APN configuration, IP/MAC binding, static routing, link check, network diagnostics, firewall settings, Peanut Shell intranet penetration, VPN, SNMP, LLDP, cloud services, NTP, and more. The system provides user management with different levels of permissions, supports local/remote log management, scheduled reboot, configuration backup and restore, firmware upgrades, and factory reset. It also supports one-click reset or factory reset via buttons.

The hardware adopts high-standard industrial protection design, with carefully selected industrial-grade components and a high-strength metal enclosure, ensuring durability and robustness. It features low power consumption, wide temperature design, and fan-less heat dissipation, supporting an operating temperature range of -40℃ to +75℃. It has undergone rigorous safety and EMC testing to meet the demanding requirements of industrial environment applications. This product can be widely used in industrial automation, integrated energy, smart cities, intelligent transportation, smart mines, smart factories, and other fields.

Specifications

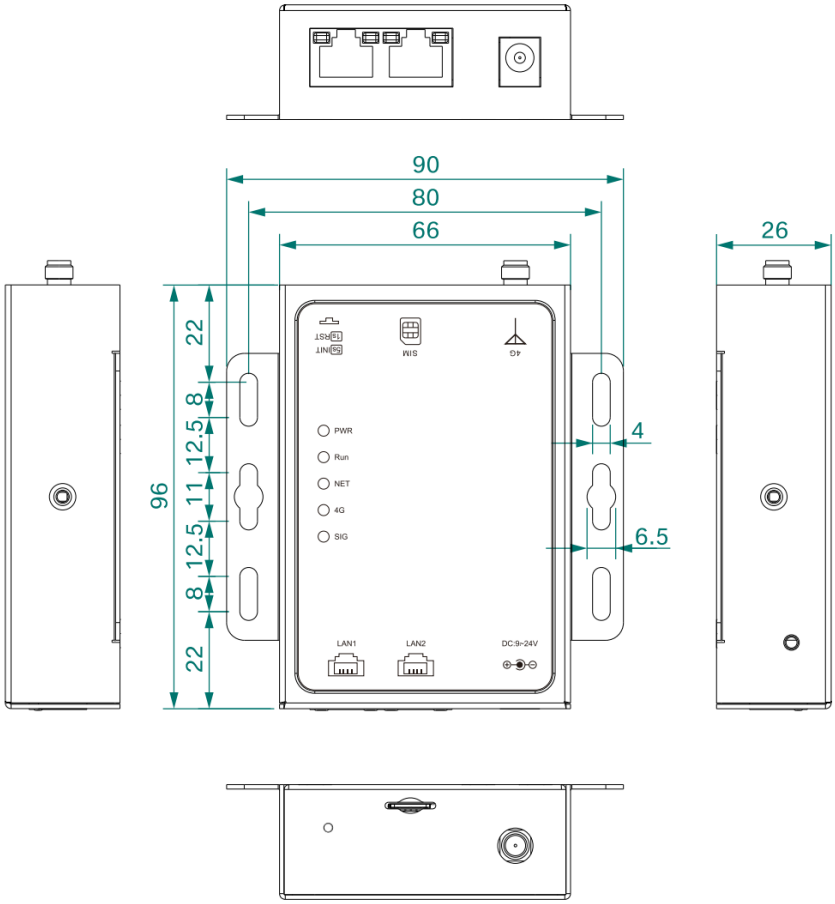
Software	
Network Management Function	Support traffic statistics, operational status, network status, local address, and other status information Support DHCP server and IP/MAC binding Support 4G network, APN configuration, and link check Support static routing Support Peanut Shell intranet penetration, dynamic DNS, SNMP, LLDP, and cloud services Support PPTP/L2TP/GRE/GRETAP/TUN/TAP protocol VPN clients Support PPTP/L2TP/IPSec protocol VPN servers
Firewalls	Support SYN-flood defense, IP dynamic spoofing, MSS clamping, inbound/outbound data control Support TCP/UDP port mapping Support IP/MAC/domain filtering, iptables, DMZ, UPnP, IP/MAC/QoS speed limiting
System Management	Support IPv4/IPv6 Ping, IPv4/IPv6 Traceroute, Nslookup, packet capture Support time zone configuration, NTP client/server, management port settings, Crontab, remote/local logging Support user permission management, SSH access Support online reboot, scheduled reboot, configuration backup/restore, firmware flashing, factory reset
4G Cellular Network	
Network Format	LTE-FDD、LTE-TDD
Working Frequency	LTE-FDD：B1/B3/B5/B8 LTE-TDD：B34/B38/B39/B40/B41(194M)

Theoretical Transfer Rate	LTE-FDD：DL 75Mbps/ UL 50Mbps LTE-TDD：DL 65Mbps/ UL 30Mbps
Interface	
100M LAN	2 × 10/100Base-T(X) auto-sensing RJ45 LAN Ports, support full/half duplex, auto MDI/MDI-X
Antenna Connector	1 x SMA-K (female, external thread, inner hole) antenna interface, used to connect to the 4G cellular antenna
SIM Card Slot	1 x Nano SIM card slot
Status LED	Power indicator, Operation indicator, Network indicator, 4G indicator, Signal indicator, Copper port indicator
Power Supply	
Power Input	DC9V~24V
Power Consumption (Full Load)	＜3W@DC12V
Connection	Φ2.5mm DC Circular Connector
Physical Characteristics	
Dimensions	96 × 90 × 26 mm (mounting brackets)
Installations	Wall mount
Weigh	0.25kg (Excluding antenna)
Working Environment	
Operating Temp	-40℃~+75℃
Storage Temp	-40℃~+85℃

Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2 (ESD): Level 4 (Contact discharge ±8kV, Air discharge ±15kV) IEC 61000-4-5 (Surge): Level 3 (Power supply: Common mode ±2kV, Differential mode ±1kV; Ethernet port: Common mode ±6kV, Differential mode ±2kV) IEC 61000-4-4 (EFT): Level 4 (Power supply: ±4kV; Ethernet port: ±2kV)
Certification	CE, FCC, RoHS

Dimensions

Unit: mm



Contact Us

COME-STAR COMMUNICATION(WUHAN) CO., LTD.

Address: Puneng Industrial Park, Fenghuang Garden 1st Road, East Lake High-Tech Development Zone, Wuhan, China.

Tel: +86-027-59257958

Mail: info@come-star.com

Official site: www.come-star.com

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