CIR375-G

Dual SIM 4G Router



- Qualcomm solution
- Dual SIM single standby: 2xSIM cards, auto-switch according the network connectivity
- Dual WAN ports: connecting different networks
- Rich VPN protocols: IPsec, OpenVPN, GRE, PPTP, L2TP to ensure data security
- SMS: remote management of router
- 5 Ethernet ports: 1xWAN+1xWAN/LAN+3xLAN
- Global frequency: compatible with mainstream carries worldwide

Product Description

CIR375-G is the latest dual-card single-standby router lunched by Come-Star. The main control and 4G modem of this product adopts Qualcomm solution, metal shell, with 5 network ports, supports dual WAN ports, SMS, VLAN and rich VPN functions. The router implements a variety of network backup functions: SIM1-SIM2, WAN-cellular, and WiFi-cellular, maximizing the stability of user networking, rich VPN functions can ensure the safe transmission of data, using the router, users can experience high compatibility and high stability.

Come-Star's industrial routers are designed to handle harsh environments and withstand a wide temperature range. CIR375-G is rugged and provide multiple and reliable Internet connectivity for various IoT applications. This router can be applied to these scenarios: ATM machine, charging pile, electric tower, smart retail, remote management of PLC and etc.

Product Features

- Industrial grade design for harsh environments, IP30 mental housing
- Qualcomm processor, to ensure powerful performance
- Support wall mounting and desktop placement
- Wide input voltage range 9~36VDC, DC socket connector
- Multiple EMC protection level 2: Surge, EFT and ESD protection
- Built-in hardware watchdog, fault self-detection and self-repair, to ensure system stability
- Dual sim cards, single standby
- Support global mainstream 4G band, can work in global area
- Equipped with 5 Ethernet ports:1xWAN, 1xWAN/LAN (Configurable), 3xLAN
- Support 2.4G Wi-Fi, AP/STA/bridge mode, flexible networking
- Support 4G APN/VPDN sim cards
- Built-in ICMP keep-alive detection, heartbeat packet detection and other functions to ensure the stable operation of the device
- Support firewall, NAT, DMZ, port forwarding, access restriction, etc. to ensure data security
- Cooperating with Come-Star service, it can realize centralized management of remote equipment and improve operation and maintenance efficiency
- Support mainstream VPN: PPTP, L2TP, Ipsec, GRE and enhanced OpenVPN
- Support SMS, can be remote management via SMS

Technical Specifications

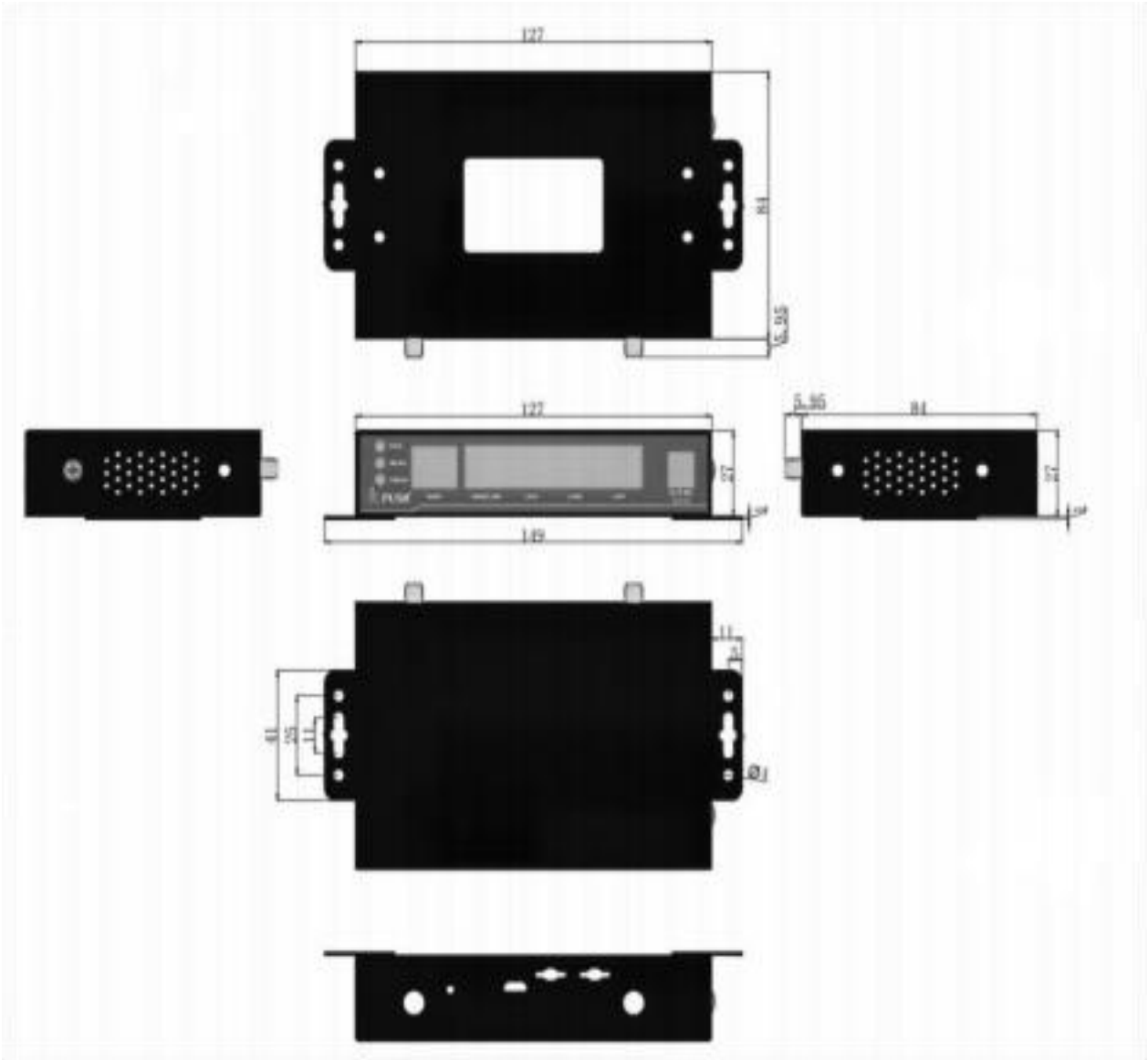
Specifications		
Cellular	Frequency	4G LTE LTE-FDD: B1/2/3/4/5/7/8/12/13/18/19/20/25/26/28/66; LTE-TDD: B34/38/39/40/41; WCDMA: B1/2/4/5/6/8/19; GSM/EDGE: B2/3/5/8;
	Max. Transmission Data Rate	LTE-FDD (Mbps) :150 (DL)/50 (UL) LTE-TDD (Mbps) :130 (DL)/30 (UL)
	Antennas	1xSMA-K connectors (Center PIN: SMA Female)
	SIM Slot	2x(3 V/1.8 V) Nano-SIM(4FF) Push-push type slot
Ethernet	WAN	2xWAN ports, RJ45, 10/100 Mbps, the WAN2 port can be configure as LAN port, supports auto MDI/MDIX crossover, Ethernet Isolation 1.5 KV
	LAN	3xRJ45 ports, 10/100 Mbps, support auto MDI/MDIX crossover, Ethernet Isolation 1.5 KV
Indicators	PWR	Red, always on after powered on
	WLAN	Green, always solid on when Wi-Fi is enabled and working properly
	NET	ON: Signal strength 25-31 (signal strong) Blinking: Signal strength 15-24 (signal strength is basically normal, and equipment maybe disconnect with the base station) OFF: Signal strength 1-14 (Signal strength is weak, please check antenna and the signal strength of current location)
Wi-Fi	Antennas	1xSMA-K Connectors (Center PIN: SMA Male)
	Standards	IEEE 802.11b/g/n (2.4GHz)
	Modes	AP/AP+STA/AP+WDS repeater
	Data speed	Up to 150 Mbps
	Security	Wi-Fi security with mixec-psk, psk+ccmp, psk2, psk2+tkip

	Transmission distance	150 meters by line of sight. Actual transmission distance depends on environment of the site.
Power Supply	Adapter	DC 12V/1A
	Connector	DC Power Jack Barrel Type Female 5.5*2.1mm Round socket
	Input voltage range	DC9-36V
	Power consumption	Max 700mA@12C Average 376mA@12V
Physical	Casing material	Metal shell, ingress protection IP30
	Dimensions	127.0*84.0*27.0mm (L*W*H, antenna pedestal, terminal block and DIN Rail are not included)
	Installation	Desktop, wall mounting
	EMC	Static IEC61000-4-2, level 2 Pulsed Electric Field IEC61000-4-4, level 2 Surge IEC61000-4-5, level 2
	Operating Temperature	-20℃~+70℃
	Storage Temperature	-40℃~+125℃ (Non-condensing)
	Relative Humidity 0	5%~95% (Non-condensing)
Others	Reload button	1xReload
	TBD	Debug interface (TTL Level)
	Ground protection	Screw
	Built-in	Watchdog
Software	Network Protocols	PPP, PPPoE, TCP, UDP, DHCP, ICMP, NAT, HTTP, DNS, ARP, NTP, Telnet, SSH, DDNS, etc.
	VPN	LT2P, PPTP, OpenVPN, IPsec, GRE
	Security	Access Control, DMZ, Port Forwarding, SYN-Flood Protection, Filtering (IP& MAC & Domain)
	Management	Web UI, Come-Star cloud

	Reliability	WAN Failover, Dual SIM Backup
Certificate	In progress	CE, FCC, RoHS

Dimensions

Unit: mm



Ordering Information

Model	CIR375-G	CIR375-G-42
Frequency	LTE-FDD: B1/2/3/4/5/7/8/12/13/18/19/20/25/26/28/ 66; LTE-TDD: B34/38/39/40/41; WCDMA：B1/2/4/5/6/8/19; GSM/EDGE: B2/3/5/8;	LTE FDD: Band1/3/5/8; LTE TDD: Band34/38/39/40/41; WCDMA: Band1/8; GSM/EDGE: B3/8;
Region	Global	China, India

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