Qixiang

Product Catalog

Guangzhou Qixiang Technology Co.,Ltd

Company Profile

Qixiang Technology is a rapidly growing technology company, manufacturing network connectivity product for professional applications.

Thanks to long-term experience in develop industrial cellular and wireless connectivity device for IoT and M2M communication. We have developed a wide series industrial cellular modem router for the areas of Industrial & Automation, Smart City, Energy & Utilities, Transportation, Enterprise and Retail. Qixiang Technology control every stage of the product development and manufacturing cycle, which enable us to respond quickly to clients' request and achieve high quality with competitive price.

Qixiang has the accreditation of Quality Management System (ISO9001:2015), CE, Rohs, CCC, etc. We had been cooperative partners of many famous company such as HIVE BOX, CHINA MOBILE, CHINA UNICOM, FOXCONN, UnionPay, KING LONG...
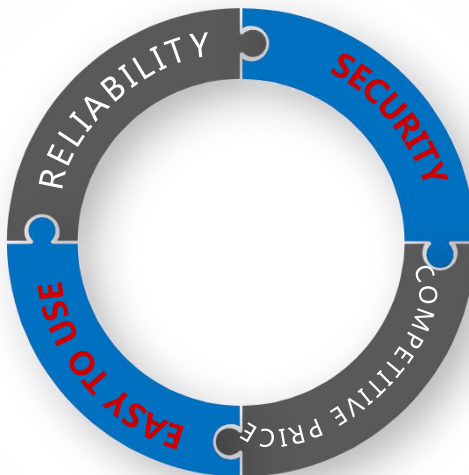
Our Advantages

RELIABILITY

Reliability is the most key focus while developing Qixiang devices. Our products are equiped with industrial grade hardware, failover and remote management system with goal to achieve the best reliability possible.

SECURITY

VPNs, Firewall, Web Filtering are built in Qixiang connectivity devices and all products are being periodically updated to eliminate any breaches in order to assure highest level of security.

EASY TO USE

Qixiang connectivity devices are highly professional however they are very easy to use. Products support "Plug and Play" and simple to make configuration, no need special training for user.

COMPETITIVE PRICE

Thanks to powerful R&D and Supply Chain advantage, Qixiang connectivity devices offer high quality with competitive price, better serve to help our customers get to market fast.

RELIABILITY
SECURITY
EASY TO USE
COMPETITIVE PRICE

Industrial Cellular Router Product Category

➢ QX210 industrial cellular router

➢ QX310 industrial cellular router with din rail mount

➢ QX510 industrial cellular router

➢ QX520 industrial cellular router with dual sim dual modem

➢ QX620 industrial 5G NR router

QX210 Industrial Cellular Router

// QX210 is an all-time bestseller industrial 4G LTE Wi-Fi router for professional M2M & IoT applications.

// It delivers high performance for mission-critical cellular communication in rigorous environments.

// QX210 is widely used for 4G main/backup internet source, Remote/Schedule Reboot, Advanced VPN, and tunneling services in IoT & M2M networking solutions.

// WAN failover ensures automatic switch to alternative backup connection in case of any connectivity issues.

// The Wi-Fi is functional in both: Access point and Station(Client) mode at the same time.

// Support Customized and OEM/ODM service.QX210 series industrial cellular router

QX210 KEY FEATURES

HARDWARE	
Cellular	FDD LTE:50/150Mbps|HSPA:5.76/21Mbps| EVDO:1.8/3.1Mbps (4G Cat4, 3G, 2G)
WiFi	IEE802.11 b/g/n, up to 150Mbps
Interface	2×10/100 Ethernet ports (RJ45), 1×Serial port (RS232/RS485, 3 pin socket)
Antenna connectors	2×standard SMA antenna interface,50ΩSMA
Power supply	round hole, 12V 1A DC (7.5V-32V DC)
SIM	1×Sim card slot
Status LEDs	"PWR"," LAN", "WLAN", "NET" LEDs
CPU	560MHz
Flash/RAM	16MB/128MB
Physics	Hosing: Metal, Wall mount / Dimension: 95×70×25mm / Weight: 210g / Operationg Temperature: -30 to 75℃
SOFTWARE	
Operating system	LEDE (OpenWrt based Linux OS)
Mobile features	Auto APN, VPDN, Auto switch to 4G/3G/2G network
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, TLS, ARP, PPP, PPPoE, UPnP, SSH, DHCP, Telnet, MQTT
Network	Failover (Network backup), Oos, Load Balance, DMZ, Firewall, DMZ, DDNS, Routing
VPN clients mode	GRE, PPTP, L2TP, IPsec, EOIP, N2N, OpenVPN
Security	Firewall, WiFi security, Web filter, Access control
Connection monitoring	Ping Reboot, Remote reboot, Periodic Reboot, LCP and ICMP for link inspection
Monitoring and management	WEB UI, FOTA, MQTT, JSON-RPC, MODBUS, RMS (Remote Management System)
Transparent transmission	Mode: TCP Server/Client, UDP Server/Client, RealCom, UDP Range, UDP Multicast, Pair Master/Slave
Modbus	Modbus RTU Master/Slave, Modbus TCP Master/Slave, Modbus RTU to Modbus TCP, Modbus TCP to Modbus RTU transfer

QX310 Industrial Cellular Router

// QX310 is a compact, cost-effective, and secure industrial 4G Wi-Fi router for professional M2M & IoT applications.

// It delivers high performance for industrial cellular communication in harsh and hazardous environments.

// Equipped with two Ethernet ports, an external SIM holder, Serial port (RS232/485), Din rail mounting slot and signal strength status LEDs, it is easily deployed and managed.

// This router is compatible with our Remote Management System (RMS) and offers safety features, like Failover, Firewall, VPN, IPsec, and FOTA support.

QX310 KEY FEATURES

HARDWARE	
Cellular	FDD LTE:50/150Mbps|HSPA:5.76/21Mbps| EVDO:1.8/3.1Mbps (4G Cat4, 3G, 2G)
WiFi	IEE802.11 b/g/n, up to 150Mbps
Interface	2×10/100 Ethernet ports (RJ45), 1×Serial port (RS232/RS485, 3 pin socket)
Antenna connectors	2×standard SMA antenna interface,50ΩSMA
Power supply	2 pin power socket, 12V 1A DC (7.5V-32V DC)
SIM	1×Sim card slot
Status LEDs	"PWR", "SYS", "LAN", "WAN", "NET", "WiFi" LEDs
CPU	560MHz
Flash/RAM	16MB/128MB
Physics	Hosing: Metal, Din rail mount / Dimension: 102×100×41mm / Weight: 355g / Operationg Temperature: -30 to 75°C
SOFTWARE	
Operating system	LEDE (OpenWrt based Linux OS)
Mobile features	Auto APN, VPDN, Auto switch to 4G/3G/2G network
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, TLS, ARP, PPP, PPPoE, UPnP, SSH, DHCP, Telnet, MQTT
Network	Failover (Network backup), Oos, Load Balance, DMZ, Firewall, DMZ, DDNS, Routing
VPN clients mode	GRE, PPTP, L2TP, IPsec, EOIP, N2N, OpenVPN
Security	Firewall, WiFi security, Web filter, Access control
Connection monitoring	Ping Reboot, Remote reboot, Periodic Reboot, LCP and ICMP for link inspection
Monitoring and management	WEB UI, FOTA, MQTT, JSON-RPC, MODBUS, RMS (Remote Management System)
Transparent transmission	Mode: TCP Server/Client, UDP Server/Client, RealCom, UDP Range, UDP Multicast, Pair Master/Slave
Modbus	Modbus RTU Master/Slave, Modbus TCP Master/Slave, Modbus RTU to Modbus TCP, Modbus TCP to Modbus RTU transfer

QX510 Industrial Cellular Router

// QX510 Industrial grade cellular LTE Cat 4 router with rugged metal housing is a compact and easy to use connectivity device that can provide cellular capabilities to equipment across all market segments.

// Ethernet, Serial RS232/RS485, Sim Card Slot, WiFi, GNSS (GPS, optional) interfaces and VPN, Modbus RTU/TCP, Port forward features allow for an incredible variety of industrial application scenarios.

// This product is compatible with our Remote Management System for convenient monitoring, maintenance, and data collection.

// Powered by LEDE (Openwrt, Linux Operating System) – a unified operating system for all Qixiang routers, this device is highly secure and customizable.

QX510 KEY FEATURES

HARDWARE	
Cellular	FDD LTE:50/150Mbps|HSPA:5.76/21Mbps| EVDO:1.8/3.1Mbps (4G Cat4, 3G, 2G)
WiFi	IEE802.11 b/g/n, up to 150Mbps
Interface	5×10/100 Ethernet ports (RJ45), 1×Serial port (RS232/RS485, 3 pin socket)
Antenna connectors	2×standard SMA antenna interface,50ΩSMA
Power supply	round hole, 12V 1A DC (7.5V-32V DC)
SIM	1×Sim card slot
Status LEDs	"PWR"," LAN", "WLAN", "WiFi" LEDs
CPU	560MHz
Flash/RAM	16MB/64MB
Physics	Hosing: Metal, Wall mount / Dimension: 152×104×25mm / Weight: 410g / Operationg Temperature: -30 to 75°C
SOFTWARE	
Operating system	LEDE (OpenWrt based Linux OS)
Mobile features	Auto APN, VPDN, Auto switch to 4G/3G/2G network
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, TLS, ARP, PPP, PPPoE, UPnP, SSH, DHCP, Telnet, MQTT
Network	Failover (Network backup), Oos, Load Balance, DMZ, Firewall, DMZ, DDNS, Routing
VPN clients mode	GRE, PPTP, L2TP, IPsec, EOIP, N2N, OpenVPN
Security	Firewall, WiFi security, Web filter, Access control
Connection monitoring	Ping Reboot, Remote reboot, Periodic Reboot, LCP and ICMP for link inspection
Monitoring and management	WEB UI, FOTA, MQTT, JSON-RPC, MODBUS, RMS (Remote Management System)
Transparent transmission	Mode: TCP Server/Client, UDP Server/Client, RealCom, UDP Range, UDP Multicast, Pair Master/Slave
Modbus	Modbus RTU Master/Slave, Modbus TCP Master/Slave, Modbus RTU to Modbus TCP, Modbus TCP to Modbus RTU transfer

QX520 Industrial Dual Sim Cellular Router

// QX520 is a high-performance industrial 4G LTE Wi-Fi router designed as a Main/Backup internet source and guarantees a reliable internet connection with high data throughput and data redundancy.

// It has four Ethernet ports, two external SIM holders, Serial port RS232/485, and signal strength status LED indicators.

// Compatible with our Networks Remote Management System (RMS) for easy and secure monitoring.

// It comes with Openwrt OS which is packed with advanced software features, like Modbus, MQTT, Qos, DMZ, Port forwarding and multiple VPN services.

QX520 KEY FEATURES

HARDWARE	
Cellular	FDD LTE:50/150Mbps|HSPA:5.76/21Mbps| EVDO:1.8/3.1Mbps (4G Cat4, 3G, 2G)
WiFi	IEE802.11 b/g/n, up to 150Mbps
Interface	5×10/100 Ethernet ports (RJ45), 1×Serial port (RS232/RS485, 3 pin socket)
Antenna connectors	3×standard SMA antenna interface,50ΩSMA
Power supply	round hole, 12V 1A DC (7.5V-32V DC)
SIM	2×Sim card slot (2×Cellular Modem)
Status LEDs	"PWR"," LAN", "WLAN", "WiFi","Sim1", "Sim2" LEDs
CPU	560MHz
Flash/RAM	16MB/64MB
Physics	Hosing: Metal, Wall mount / Dimension: 152×104×25mm / Weight: 425g / Operationg Temperature: -30 to 75°C
SOFTWARE	
Operating system	LEDE (OpenWrt based Linux OS)
Mobile features	Auto APN, VPDN, Auto switch to 4G/3G/2G network
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, TLS, ARP, PPP, PPPoE, UPnP, SSH, DHCP, Telnet, MQTT
Network	Failover (Network backup, failover between dual sim, wired, wifi), Oos, Load Balance, DMZ, Firewall, DMZ, DDNS, Routing
VPN clients mode	GRE, PPTP, L2TP, IPsec, EOIP, N2N, OpenVPN
Security	Firewall, WiFi security, Web filter, Access control
Connection monitoring	Ping Reboot, Remote reboot, Periodic Reboot, LCP and ICMP for link inspection
Monitoring and management	WEB UI, FOTA, MQTT, JSON-RPC, MODBUS, RMS (Remote Management System)
Transparent transmission	Mode: TCP Server/Client, UDP Server/Client, RealCom, UDP Range, UDP Multicast, Pair Master/Slave
Modbus	Modbus RTU Master/Slave, Modbus TCP Master/Slave, Modbus RTU to Modbus TCP, Modbus TCP to Modbus RTU transfer

QX620 Industrial 5G NR Router

// QX620 is the most powerful Dual Sim 5G NR and 4G LTE Cat 20 industrial cellular router in our portfolio for professional M2M & IoT applications.

// 5 x Gigabit Ethernet ports, 802.11ac Dual-Band Wi-Fi, and dual SIM make this device irreplaceable in applications where losing connection is not an option.

// Packed with advanced security features like VPN, IPsec, PPTP, L2TP, Stunnel and GNSS tracking option.

// It delivers high performance for mission-critical cellular communication in rigorous environments.

// WAN failover ensures automatic switch to alternative backup connection in case of any connectivity issues.

// Support Customized and OEM/ODM service.

QX620 KEY FEATURES

HARDWARE	
Cellular	NR: 300MMbps/4Gbps | LTE Cat20:150Mbps/2.4Gbps | HSPA:5.76/21Mbps | EVDO:1.8/3.1Mbps (5G NR, 4G Cat20, 3G, 2G)
WiFi	IEE802.11 b/g/n/a/ac, up to 4.8Gbps
Interface	5×Gigabit Ethernet ports (RJ45), 1×Serial port (RS232/RS485, 3 pin socket)
Antenna connectors	9×standard SMA antenna interface,50ΩSMA
Power supply	round hole, 12V 1A DC (7.5V-32V DC)
SIM	2×Sim card slot
Status LEDs	"PWR"," LAN", "WLAN", "WiFi","Sim1", "Sim2" LEDs
CPU	800MHz Dual Core
Flash/RAM	16MB/256MB
Physics	Hosing: Aluminum, Wall mount / Dimension: 190×100×45mm / Weight: 675g / Operationg Temperature: -30 to 75°C
SOFTWARE	
Operating system	LEDE (OpenWrt based Linux OS)
Mobile features	Auto APN, VPDN, Auto switch to 5G/4G/3G/2G network
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, TLS, ARP, PPP, PPPoE, UPnP, SSH, DHCP, Telnet, MQTT
Network	Failover (Network backup, failover between dual sim, wired, wifi), Oos, Load Balance, DMZ, Firewall, DMZ, DDNS, Routing
VPN clients mode	GRE, PPTP, L2TP, IPsec, EOIP, N2N, OpenVPN
Security	Firewall, WiFi security, Web filter, Access control
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Modbus	Modbus RTU Master/Slave, Modbus TCP Master/Slave, Modbus RTU to Modbus TCP, Modbus TCP to Modbus RTU transfer

Comparison

Cellular Routers	QX210 Cellular Router	QX310 Cellular Router	QX510 Cellular Router	QX520 Cellular Router	QX620 Cellular Router
Image					
Cellular Netowrk	4G/LTE Cat4, 3G, 2G	4G/LTE Cat4, 3G, 2G	4G/LTE Cat4, 3G, 2G	4G/LTE Cat4, 3G, 2G	5G NR, 4G/LTE Cat20, 3G, 2G
Sim Card Slot	1	1	1	2 (Dual Modem)	2
RMS	YES	YES	YES	YES	YES
Ethernet Ports	2	2	5	5	5
Serial Port	1	1	1	1	1
Wlan/WiFi	YES	YES	YES	YES	YES
GPS	Optional	Optional	Optional	Optional	Optional
VPN clilents mode	GRE, PPTP, L2TP, IPsec, EOIP, N2N, OpenVPN				
Install	Wall Mounting	Din Rail	Wall Mounting	Wall Mounting	Wall Mounting
Dimension (mm)	95×70×25mm	102×100×41mm	152×104×25mm	152×104×25mm	190×100×45mm
Weight	210g	355g	410g	425g	675g
Working temperature	-30 to 75℃	-30 to 75℃	-30 to 75℃	-30 to 75℃	-30 to 75℃
Storage temperature	-40 to 85℃	-40 to 85℃	-40 to 85℃	-40 to 85℃	-40 to 85℃

Product Feature

Industrial Grade

- Industrial wireless module
- Industrial 32-bit processor
- Low consumption mode
- Metal Housing, Wall/Din Rail mounting, IP41
- Wide voltage 7.5V-32V DC

Reliable

- Hardware & Software WDT
- ESD protection

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Extensions

- GPS postioning (Optional)
- WiFi advertising (Optional)
- Storage extension, 2GB to 32GB (Optional)

Remote Management System

Remote parameter, configuration, backup, reboot and log query, upgrade, On-line monitoring

Network

- Support APN and VPDN access in
- VPN client modes: PPTP, L2TP, IPSec, OPENVPN, N2N, GRE
- DTU function, support Modbus RTU/TCP
- Qos, UPnp, Por forwarding, UDP Broadcast reply

Function

- 5G NR, 4G LTE, 3G, 2G, WCDMA, GRPS, EDGE compatible
- Failover, backup and load balance between Ethernet Wan/Cellular
- Ethernet RJ45 port, RS232/RS485 serial port
- Support SNMP, DHCP, DDNS, Firewall, NAT, and DMZ host
- Protocol: ICMP, TCP, UDP, Telnet, SSH, FTP, HTTP, HTTPS

Product Advantage

➢ Multiple functions and robust system , support normal SIM Card, cellphone sim card, Internet of Things (IoT) card, APN, VPDN and VPN protocols, ideal for multiple applications

➢ High and low temperature resistance, operating temperature during -30°C to 75°C

➢ Rugged, reliable work for 7*24 hours without manual intervention, suitable for automation environment

➢ Wide voltage range: 7.5V~32V DC (standard DC 12V-1A), built-in transient overvoltage protection

➢ Power supply with reverse polarity protection (regardless of positive and negative poles, to avoid short circuit caused by wrong connection)

➢ Interface with ESD and lightening protection , max up to 2000V

➢ Hardware & Software WDT and multi-link detection, anti-drop mechanism enable automatically reconnect when offline, Crash automatically resurrected

➢ Adopt industrial grade high-performance hardware, more rugged, reliable, durable than ordinary hardware

➢ Remote management platform, provide remote parameter configuration, backup, reboot and log query, upgrade, On-line monitoring

➢ Periodic reboot, keep the machine always operating in the best status

➢ OEM/ODM customized service, customized development both for hardware and software

Contact Us

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