

H8922

Industrial Dual SIM Router

Overview

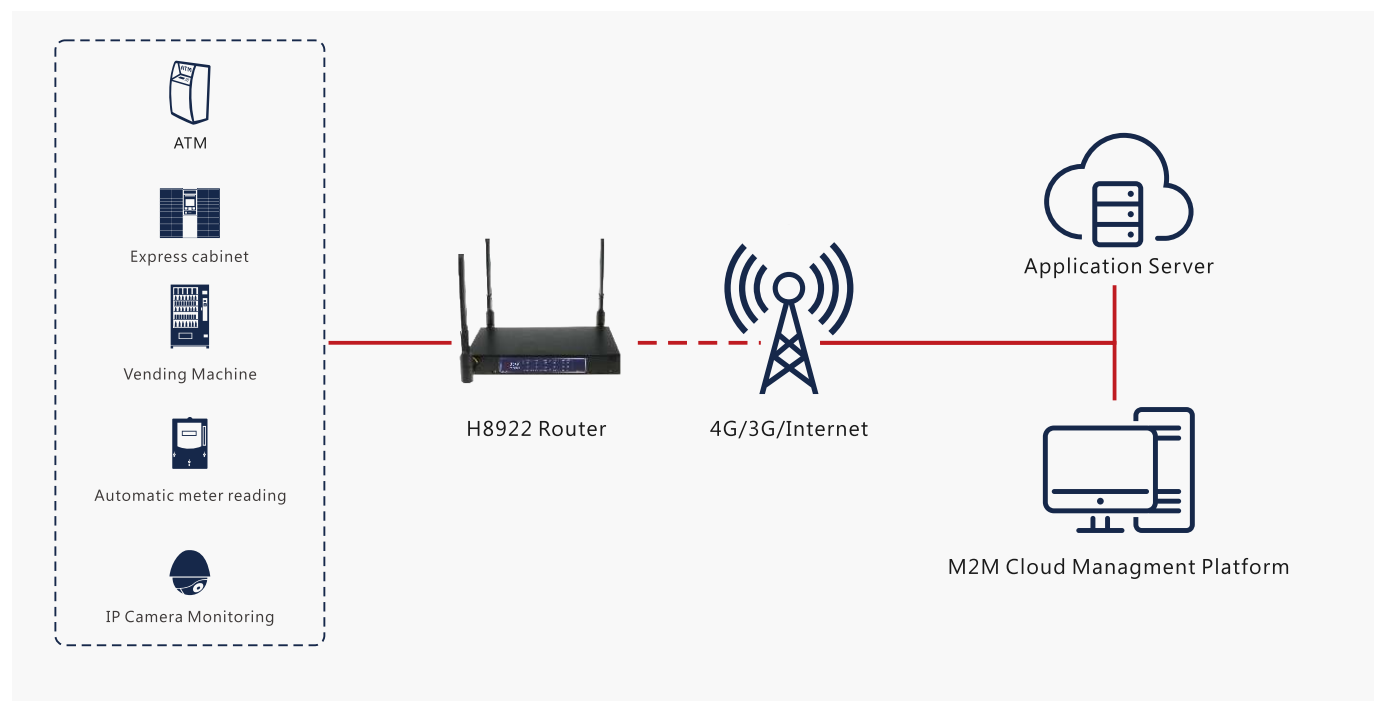
H8922 industrial dual SIM router is wireless router products based on 3G/4G LTE technology , adopts high-performance 32 bit processor, embedded operating system design. Supports VPN private network access, with its high-speed and stable mobile data transmission capacity to meet the needs of different applications, widely used in domestic and foreign financial, media, transportation, vehicle, power, environmental protection and other industries



Features

- 3G/4G eUICC/eSIM/USIM
- Cellular/land line backup
- 4*LAN, 1*WAN
- Dual SIM/Dual Module/WAN Link Backup
- PPTP/L2TP/GRE/IPsec/OpenVPN
- 802.11 b/g/n/(ac optional),
- GPS optional

Diagram Scheme



Typical Applications



ATM



Express cabinet



Vending machine



Automatic meter reading

Specification

Interface

Ethernet Ports	4 x LAN 10/100Mbps Ethernet Ports 1 x WAN 10/100Mbps Ethernet Ports
SIM Card Slot	1.8V/3V
Reset	Pinhole Reset Button
Antenna	SMA Female Connector 3G: x1 (single modem) or x2 (dual modem) 4G: x2 (single modem) or x4 (dual modem) WiFi: x1 or x2 (802.11ac) GPS: x1(Optional)

Mechanical

Installation	Wall Mounted
Dimension (mm)	176x105x25
Housing	Metal
IP Level	Ip30
Cooling	Fanless
Weight	About 540g

Power

Input	DC5-36V
Idle	About 200mA@12V DC
Working	About 450mA@12V DC

Environment

Relative Humidity	<95% (Non-condensing)
Storage	-40 ~ 85°C
Working	-35 ~ 70°C

Indicators

LED Indicators x 12	NET1, NET2, RF1, RF2, RUN, WAN, WLAN, LAN1~LAN4, WPS
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EMC

EDI	EN61000-4-2, Level4
PFEMS	EN61000-4-3, Level3
EFTBI	EN61000-4-4, Level4
RF Induced Conductivity	EN61000-4-6, Level3
EMF	EN61000-4-8, >Level4

Design Standard

Conduction	CISPR22, Class B
Radiation	CISPR22, Class B
Insulation& Puncture	GB/T 25119

Network

Cellular	LTE/WCDMA(HSPA+)/EDGE/GPRS
Band	Worldwide Complied
LAN	ARP, Ethernet
WAN	Static IP, DHCP, PPPoE
Internet Access	APN, VPDN
Authentication	CHAP/PAP/MS-CHAP/MS-CHAPV2
WLAN	IEEE 802.11b/g/n, IEEE802.11ac(Optional) AP/Client/Repeater

Network Protocols

IP	DHCP Server/Client/Relay(Dual server), DNS Relay, IPv6
Routing	Static Routing; Policy routing; Optional RIP, OSPF and BGP
Others	ICMP, DDNS, VLAN

Security

Two Level Authority	Full Authority/Read-Only User
Digest Authentication	Anti CSRF
AAA	Radius, TACACS+
Password Security	All password/key settings can be encrypted
Firewall	NAT, PAT, DMZ, Port Forward, UPNP IP/Domain/MAC Filter Access Control List (ACL)
VPN	PPTP,L2TP,GRE, IPIP, OpenVPN IPSec IKEv2, SHA2, AES256, CA DMVPN,EzVPN
VPN Server	L2TP Server

Reliability

Link Backup	Dual SIM, Dual Modem, WAN/Modem Link Backup VRRP, Load Balance
QOS	Control of bandwidth
Auto-Recovery	LCP, Heartbeat Package link maintenance ICMP Dection, Self-diagnostic, Auto-recover
Watchdog	Hardware watchdog

Device Managemant

Configuration	HTTP, Telnet, SSH, SMS SNMP V1/V2/V3, SNMP TRAP Hongdian M2M Cloud Platform
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Device Reliability

Impact	IEC60068-2-27
Crash	IEC68-2-29
Free Fall	IEC68-2-32
Vibration	IEC68-2-6, JT/794

Certificated and Approved by

RoHS, CE, CCC

Appearance Dimension



Device Management

Upgrade	Local Upgrade WEB/FTP Hongdian M2M Cloud Upgrade
Reboot	Local, Remote Reboot, Scheduled Reboot
Diagnostic	Ping, Traceroute
Syslog	Local/Remote Log User login, operation log record in Cloud M2M platform
Data Flow Monitoring	Bandwidth utilization monitor on device GUI
Activation Mode	Activate by Data Activate by SMS Scheduled Online/Offline
SMS management	Send/Receive SMS from GUI to change data plan Authorized cellular number to configure or control router
M2M Cloud Platform	Centralized M2M Platform Traffic Statistics Report Statistics Location Management Group Management IPFix package capture for analyze Alarm by email Device/Platform log record Batch config/upgrade Bandwidth utilization monitor Data usage statistic Secure remote access to application device

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