

### S9922 Router Dual Module Dual SIM



- LTE/3.5G support, 2.5G compatible
- Dual module/WAN/Wi-Fi network backup compatible
- VPN: IPSec, GRE, PPTP, L2TP
- RIP/OSPF dynamic route
- 802.11b/g/n Wi-Fi support
- Persistent network connectivity
- Web/CLI/SSH/Management platform

LTE



Dual  
RF-Module



VPN



GPS  
optional



Wi-Fi  
Optional



Cellular/WAN  
link backup



Dual SIM



NAT Virtual  
server



WAN/PPPoE



WPS



## Specifications

### Ethernet Standard

- IEEE 802.3
- IEEE 802.3u

### Status LEDs

- System
- Power
- WLAN (Optional)
- WAN
- LAN (LAN1~LAN4)
- RF
- NET

### Available Cellular Network

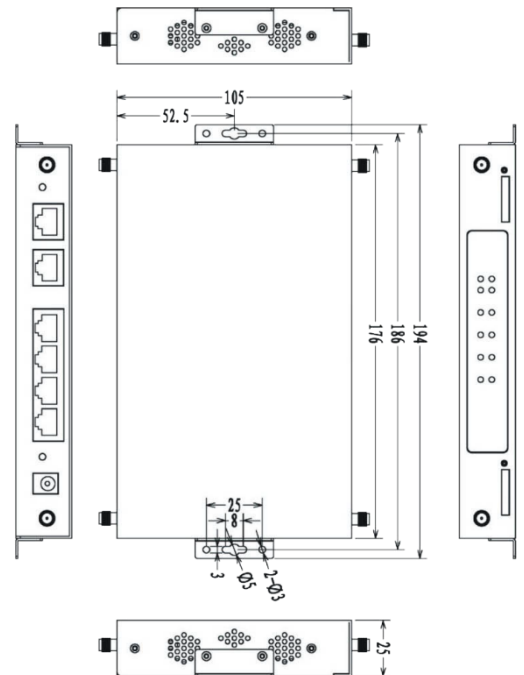
- LTE 800/900/1800/2100/2600MHz
- UMTS/HSPA+900/2100MHz
- GSM/GPRS 900/1800/1900MHz
- HSPA+/HSUPA/HSDPA/ WCDMA /UMTS 2100/1900/900/850/800MHz;
- EDGE/GPRS/GSM 1900/1800/900/850MHz
- HSUPA/HSDPA/UMTS 2100/1900/850MHz
- EDGE/GPRS/GSM 1900/1800/900/850MHz
- HSUPA/HSDPA/UMTS 2100/1900/900/850MHz
- EDGE/GPRS/GSM 1900/1800/900/850MHz
- CDMA 2000/EVDO Rev.A 800MHz
- CDMA 2000/EVDO Rev.A 800/1900MHz

### Interfaces

- 4 × 10/100Mb LAN interface
- 1 × 10/100Mb WAN interface
- 1 × RS-232 console port(RJ45)
- 2 × SMA-K antenna interface
- 2 × SMA-K antenna interface (Wi-Fi)
- 2 × Standard SIM/R-UIM interface
- 1 × Standard DC power interface

### Other

- 176mm x 105mm x 25mm
- Weight: 510g
- Operation temperature: -30~+70°C
- Store temperature: -40~+85°C
- Related humidity: <95% (non-condensing)



LTE



Dual RF-Module



VPN



GPS optional



Wi-Fi Optional



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## Functional Features

- Dual module/WAN/Wi-Fi multiple network mode backup
- VPN support, GRE over IPsec, IPsec over PPTP/L2TP.
- WAN port support PPPoE, static IP, DHCP client.
- LCP/ICMP/flow/heartbeat check, ensure network usability
- SNMP network management, NTP support
- Local & remote firmware update
- Local & remote log check
- Supports DNS proxy and Dynamic DNS (DDNS)
- Supports timing operation
- Supports LED status indication

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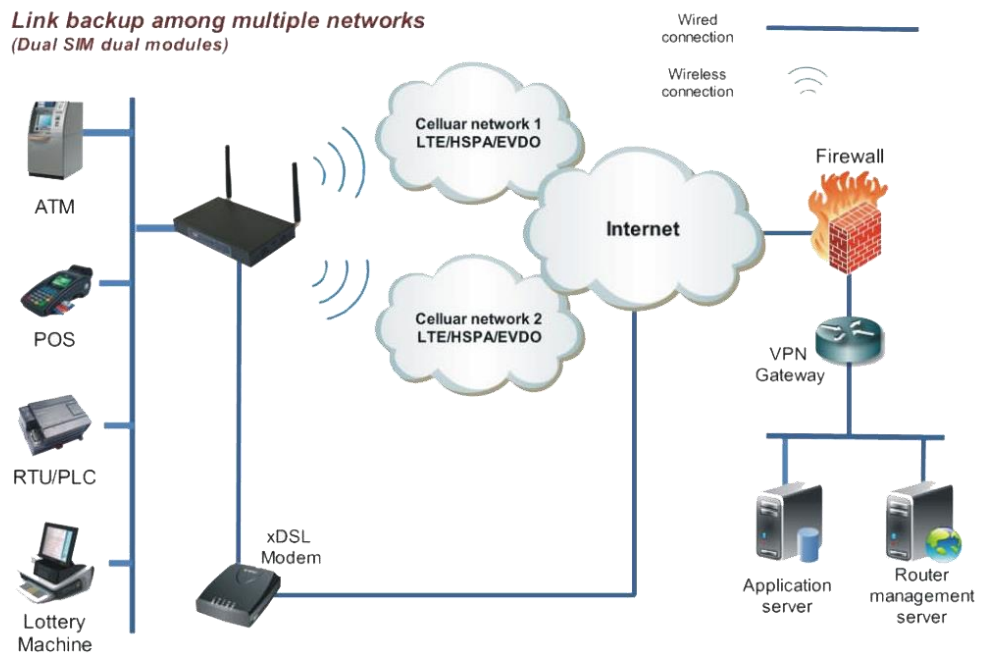
WAN/PPPoE



WPS



*Link backup among multiple networks  
(Dual SIM dual modules)*



## Functional Features

### Firewall & Filtering

- IP packet/Domain/MAC filter
- NAT
- DMZ

### VPN

- IPSec
- PPTP/L2TP client
- GRE/IPIP

### Routing Protocols

- Static route
- RIPv2/OSPF dynamic route

### Power Supply

- 5~36VDC

### Device Management

- Local or remote web browser (IE v8 or above)
- CLI/Telnet command
- M2M management platform (optional)
- SSH config (optional)

### Wi-Fi Characteristics

- Standard: IEEE 802.11b/g/n
- WEP, WPA and WPA2 encryption
- WPS key
- AP, Client, station, bridge mode support

### Power Consumption

- Idle: 80mA@+12VDC
- Single Module Communications: 320mA@+12VDC
- Dual Module Communications: 600mA@+12VDC

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