

Ricon Mobile

S9930-LTE



HyperNET 4.5G Router Datasheet


Efficiency with Innovative Technology

S9930-LTE HyperNET 4.5G Router




The RICON S9930-LTE HyperNET Router is designed and manufactured by Ricon Mobile Inc. in accordance with the infrastructure based on LTE cellular network technology in home or SME class quality. With embedded cellular CAT4 Ricon Mobile module, it is widely used in many situations such as ATM connection, remote office security, connection, data collection, internet access etc. Supports traditional router functions such as VPN, firewall, NAT, SNMP, DHCP. The S9930-LTE supports LTE as a WAN interface, providing 300Mbps download and 150Mbps upload WAN bandwidth and 150Mbps Wi-Fi bandwidth. S9930-LTE Router supports single module + single SIM hardware. The definable route table enables customers to allocate bandwidth by business type and reduce network delays.

S9930-LTE Model & Specification



S9930-LTE



- LTE/3.5G support, 2.5G/3G compatibility
- 1 x LAN
- 1 x WAN/LAN (combo)
- 1 SIM socket (passive backup)
- Single GSM module (CAT4, DL: 150 Mbps / UL: 50 Mbps)
- Embedded CAT4 Ricon Mobile module
- LTE+/LTE/DC-HSPA/HSDPA+/HSDPA/WCDMA/2G
- WEB user interface
- RMSC
- 1 x LTE MIMO SMA antenna
- 802.11b/g/n Wi-Fi
- Supports TR069
- Supports more than 32 WiFi devices online at the same time.

S9930-LTE Device Features

Cellular Network

- » EDGE/ GPRS
- » Ethernet standart
- » FDD-LTE/TDD-LTE
- » WCDMA/UMTS/HSPA/HSPA+/CDMA2000 EVDO/CDMA
- » IEEE 802.3
- » IEEE 802.3U

Wi-Fi

- » Standard: IEEE 802.11b / g / n 2.4 GHz Wi-Fi support
- » AP, Customer, Station, Bridge mode support
- » WEP, WPA-PSK, WPA2-PSK, WAPI, w / AES-TKIP
- » SSID insulation support
- » Channel management support
- » 20MHz / 40MHz Beamer support

Interface

- » 1 x LAN interface (fast ethernet)
- » 1 x WAN/LAN interface (fast ethernet)
- » 1 x SMA-K antenna connector
- » 1 x Standard SIM slot
- » 1 x Reset switch, WPS switch
- » 1 x DC power socket

Indicator

- » SIG1: GSM module 1 signal supplement
- » DATA: Connection setup
- » POWER: System O/S health
- » WLAN / WPS: Wireless LAN connection
- » LAN: LAN cable connection status (Lan1)

Firewall & Filtering

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

Mechanics



- » Dimension: 120mm x 110mm x 45mm
- » Weight: 142 gr.
- » Power: 12V/1A DC 2.0
- » Single Module Power Consumption: <5W

Maintenance Operation

- » Local/remote firmware and patch upgrade support
- » Support for parameter backup and retrieval, encryption support
- » Firmware update support
- » Intelligent key support when using multiple servers
- » Manual configuration installation support

Supported Network Protocols

- » 4G (TD-LTE/FDD LTE), DS-HSPA+, HSPA+, HSPA, WCDMA,
- » EVDO, TD-SCDM, CDMA1x, EDGE/ PRS
- » WLAN, SIM
- » WLAN AP/station, 802.11n 2.4 GHz up to 300 Mbps
- » 2 LAN ports
- » APN private network support
- » TR069 supports
- » Supports IPv4 and IPv6
- » Supports SIM lock

Temperature Recognition

- » Working Temperature: 0~+40 ° C
- » Store temperature: -20~+55 ° C
- » Relative humidity: 10~95% RH

Multi-Purpose Design

- » WiFi access point for SME and end user
- » Independent GSM module
- » Using a wireless router with a 4.5G mobile network

Multiple Working Modes

- » Led monitor
- » WEB, multi-parameter management support
- » Data trigger online/offline
- » LCP/ICMP/flow/availability signal control, network ensuring availability

Hardware Feature

- » Web Browser (Local/Remote) (IE v8 or higher)
- » DHCP/Client
- » CPU: 580MHz
- » SDRAM: DDR2 128 MB
- » Flash: 32 Mb

Multiple Working Modes

- » PPTP
- » L2TP
- » GRE Tunnel

Certifications



» Health	EN 62311
» Safety	EN 60950 - 1+A11+A1+A12
» EMC	EN 301-489-1/-7/-17/-24
	EN 55022, EN 55024
» Radio	EN 301 511
	EN 301 908-1/-2
	EN 300 328



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