

Ricon Mobile



S9960ME-8GE-LTE

L2/L3 Router Switch  
Datasheet

Efficiency with Innovative Technology


## S9960ME-8GE-LTE L2/L3 Router Switch




**RICON S9960ME-8GE-LTE L2/L3 Router Switch**, S9960ME-8/LTE L2/L3 SFP Roter Switch is a mobile network router designed based on Fiber, WiFi and VPN technologies. It is equipped with a powerful 64-bit processor and an operating system specially developed by Ricon Mobile. It can easily connect any network device connected via interface connections such as Ethernet and WiFi to the Internet or a central local network with a simple configuration.

S9960ME-8/LTE L2/L3 SFP Router Switch; It is a fiber optic terminator switch that provides distribution of fiber lines to companies or end users with ethernet to users. Thus, it can easily connect to the internet without the need for any other complementary product and ensures the successful transfer of data.

### S9960ME-8GE-LTE L2/L3 Router Switch Models & Specifications



### S9960ME-8GE-LTE



- 8 LAN (Gigabit)
- 2 EWAN (Gigabit)
- 2 SIM (Passive )
- Single GSM Module
- 1 SFP (Gigabit-Longrange)
- 1 USB 2.0
- WEB User Interface / CLI / SNMP / Telnet / SSH
- 802.11b/g/n 2.4GHz Wi-Fi. 802.11ac 5GHz Wi-Fi (Optional)
- 2x2 LTE MIMO SMA Antenna
- 1x802.11b/g/ n Antenna, 1x802.11ac Antenna (Optional)

### S9960ME-8GE-LTE L2/L3 Router Switch Specifications

#### Indicators

- » 11N : 2.4GHz WiFi connection status
- » NET : Connection Setup
- » LAN : Local Area Cable Connection Status (Lan1 ~ Lan4)
- » POWER : Power Status
- » VoIP : IP phone connection indicator
- » 11AC : 5.8 GHz ac WiFi connection status
- » WAN : Wide Area Network Cable Connection Status
- » LTE : Signal level status
- » 3/4G : GSM connection status

#### Wi-Fi

- » IEEE 802.11b/g/n (2.4GHz)
- » IEEE 802.11ac optional 5GHz Wi-Fi support
- » AP, client, bridge mode
- » WEP, WPA and WPA2 encryption with AES-TKIP
- » SSID Insulation support
- » Channel management support
- » 20MHz / 40MHz Beamer

#### Interfaces

- » LAN : 8x10/100/1000 Mbps
- » EWAN : 2x10/100/1000 Mbps
- » SFP WAN : 1x10/100/1000 Mbps
- » DC Power Input Port : 1
- » USB 2.0 : 1
- » SIM/UIM : 2 (Active/Passive)

#### Power Specifications

- » Idle : 12VDC / 1A
- » Power Consumption : <5W
- » Power Supply : 9 - 24VDC

## S9960ME-8GE-LTE L2/L3 Router Switch

### Environment Parameters

- » Operating Temperature :0 °C - 40 °C
- » Dimension :240mm x 150mm x 35mm
- » Weight :392gr.

### VPN

- » IPSec
- » PPTP server/client
- » L2TP server/client
- » GRE L3

### Device Management

- » CLI
- » Telnet
- » SSH
- » Web interface
- » Ricon Management Controller
- » SNMP

### Firewall and Filtering

- » IIP packet / Domain / MAC Filter
- » NAT/NAPT
- » DMZ
- » Protocol/Port Filter, ACL
- » VLAN Tagging

### Routing Protocols

- » Static Routing
- » RIPv2
- » OSPF
- » BGP
- » Policy based Routing

### Data Features

- » QoS
- » IPv4/IPv6, TCP/IP, UDP, RTP, SNTP, DNS, DDNS
- » DHCP Server/Client/Forwarding(Relay)
- » DHCP Static MAC

### Maintenance Operation

- » Firmware update support
- » Configuration backup, ability to restore
- » Automatic firmware update
- » Local/remote systems logging

### Network Mode

- » WAN
- » WLAN
- » WIFI
- » 802.11n 2.4 GHz, 802.11b/g/n/ac 5.8 GHz Wi-Fi (optional)
- » PPPoE support
- » WPS support
- » DNS proxy and Dynamic DNS (DDNS) support

### RMS Ricon Management System

- » Excellent monitoring features
- » Data flow details
- » Instant statistics data
- » Adjustable SLA Levels
- » SLA based live alarm control thresholds
- » Bulk remote configuration
- » Remote configuration with scheduler
- » Remote terminal management maintenance for firmware
- » Checking the internet status at any time
- » Display of GIS device location

### Cellular Networks

- » EDGE/GPRS
- » LTE-FDD/TDD
- » WCDMA/UMTS/HSPA+/HSPA
- » EV-DO/CDMA
- » IEEE 802.3
- » IEEE 802.3U

### 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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