

# Ricon Mobile

# S9960ME



## L2/L3 SFP Router Switch Datasheet

Efficiency with Innovative Technology

## S9960ME L2/L3 SFP Router Switch



The **RICON S9960ME SFP Router 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 SFP Router Switch; It is a fiber optic terminator switch that allows the distribution of fiber lines to companies or end users via Ethernet.

### S9960ME SFP Router Switch Models & Quick Specifications



**S9960ME**



- 4 x LAN (Gigabit)
- 1 x WAN (Gigabit)
- 1 x SFP (Gigabit)
- 1 x USB
- 2 x FXS support
- Gigabit Longrange
- WEB User Interface / CLI / SNMP / Telnet / SSH
- 2x2 LTE MIMO SMA Antenna
- 802.11b/g/n 2.4GHz Wi-Fi, opt. 802.11ac 5GHz Wi-Fi
- 1 x 802.11b/g/n Antenna, 1 x 802.11ac Antenna

### S9960ME SFP Router Switch Device Features

#### Indicators



- » SFP: Status Indicator
- » NET: Connection Setup
- » WLAN: Wireless LAN Connection
- » WAN: Wide Area Network Cable Connection Status
- » LAN: Local Area Cable Connection Status (Lan1 ~ Lan4)
- » POWER: Power Status
- » VPN: Connection Status Indicator
- » WPS: Clear Wifi Connectivity Indicator

#### Wi-Fi



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

#### Interfaces



- » 4x10 / 100/1000 Mb LAN Port
- » 1x10 / 100/1000 Mb WAN Port
- » 1x10 / 100/1000 Mb SFP Port
- » 1xStandard DC Power Input Port
- » 1xUSB Input Port

#### Power



- » Idle: 12V / 1A
- » Single Module Power Consumption: <5W
- » Power Supply: 5 - 36VDC

## S9960ME L2/L3 SFP Router Switch

### Features

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

### Device Management

- » Local or remote web browser (IE v8 or higher)
- » CLI / Telnet command
- » SNMP network management protocol,
- » TR069 WAN management protocol,
- » SSH configuration

### Routing Protocols

- » Static Routing, Regulatory Routing, Port Routing
- » RIPv2 / OSPF Dynamic Routing

### Multiple Mode of Operation

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

### Easy Maintenance Operation

- » Local / remote firmware and patch upgrade support
- » Parameter backup and retrieval support, encryption support
- » CFE firmware update support
- » Smart switch support when using multiple servers
- » Local / remote system logging for easy debugging

### VPN

- » IPsec
- » PPTP server
- » L2TP server

### Firewall and Filtering

- » IP packet / Domain / MAC Filter
- » NAT
- » DMZ
- » Protocol Type Check
- » Port Control
- » VLAN Tagging

### Data Features

- » QoS: Speed limitation, packet prioritization
- » IPv4 / IPv6, TCP / IP, UDP, RTP, SNTP, NAT, DNS, DDNS
- » Address management: Static, DHCP Server, IP / MAC connector, DHCP switching

### Ultra Secure Data Transmission

- » Support VPN / L2TP / PPTP / IPsec / OpenVPN
- » IPsec over PPTP / L2TP
- » Supports DHCP Server
- » SNMP network management, NTP support, GPS clock support
- » OSPF, RIP, BGP optional
- » Optional QoS (QoS) protocol, application, IP subnet Intelligent control base on the network

### 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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