

Ricon Mobile



S9960ME-4GE-LTE

L2/L3 Router Switch
Datasheet

Efficiency with Innovative Technology

S9960ME-4GE-LTE SFP Router Switch



The **RICON S9960ME-4GE-LTE 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-4GE-LTE 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-4GE-LTE SFP Router Switch Models & Specifications

S9960ME-4GE-LTE

- 4 x LAN (Gigabit)
- 1 x EWAN (Gigabit)
- 2 x SIM Slot (Passive Backup)
- Single GSM Modulated
- 1 SFP (Gigabit)
- 1 USB 2.0
- 2 x FXS support
- WEB User Interface / CLI / SNMP / Telnet / SSH
- 802.11b/g/n 2.4GHz Wi-Fi. 802.11ac 5GHz Wi-Fi (Optional)
- 2 x 2 LTE MIMO SMA Antenna
- 1 x 802.11b/g/n Antenna, 1 x 802.11ac Antenna

S9960ME-4GE-LTE SFP Router Switch Device Features

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 : 4x10 / 100/1000 Mb
- » WAN : 1x10 / 100/1000 Mb
- » SFP WAN : 1x10 / 100/1000 Mb
- » 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-4GE-LTE SFP 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

- » IP 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, SNMP, 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 per WAN Interface
- » Instant statistics data for all environment
- » Adjustable SLA Levels
- » SLA based live alarm control thresholds
- » Bulk remote configuration
- » Remote configuration with scheduler
- » Remote terminal management maintenance for firmware
- » Display of GPS device location (optional with GPS add-on)
- » Remote debugging and troubleshooting tools

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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