Ricon Mobile

S9960ME-8GE-LTE

L2/L3 Router Switch Datasheet

Efficiency with Innovative Technology

RICON

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 (optional)
- » 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 System 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)
» DHPC Static MAC

Maintance 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 GPS 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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PTCRB

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