

8-16-24 Port 10/100/1000Mbps Unmanaged Switches

RSB8FE-U | RSB16FE-U | RSB24FE-U | RSB8GE-U | RSB162GE-U | RSB242GE-U

Overview

RICON 8-16-24 Port Unmanaged 10/100/1000M switches are high-performance, low-power which is the first choice for small and medium-sized LANs. These switches provides 8-16 and 24 * 10/100/1000Mbps ports, which can be used to connect upstream devices with higher bandwidth.

Store and forward technology is used to ensure that the bandwidth is effectively allocated to each port.

Users can use without bandwidth and media network restrictions with full wire-speed of 100/1000M connection to workgroups or servers and convenient plug and play features on this unique flexible non-blocking architecture. The switches support half-duplex and full-duplex working modes. Each switch port supports self-adaptive function. The port adopts store-and-forward mode automatically.

The product has superior performance, easy to use, convenient and intuitive.

It provides an ideal networking solution for workgroup users or small LANs.

Overview

Environment

- Low Power consumption
- Recyclable production materials
- Support IEEE 802.3az (Energy-Efficient Ethernet)

High-Lights

- Support IEEE 802.3az
- Support port aggregation (link aggregation)
- Support broadcast storm protection
- Support automatic flip (Auto-MDI/MDIX)
- Support xK MAC addresses
- Support EEPROM configuration
- Support maximum forwarding packet length
- Support IVL, SVL, and IVL/SVL
- Support IEEE 802.1x access control protocol

Enhanced Features

- Plug n Play
- Wire-Speed Bandwidth
- Non-Blocking Architecture
- Store and Forward Technology

Support

- 7x24 Global Support
- Tailored Firmware
- Fast Delivery
- Standard 2 Years Warranty
- Warranty extension



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FastEthernet and Gigabit Scalable

RICON 10/100/1000Mbps Unmanaged Switches have a wide range scalable option for using for different requirements.

There are many effective options to fit in to home, workgroups or small LANs within 8-16-24 ports range with speeds of FastEthernet and Gigabit selections.

Smart Power

RICON switches are developed with SmartPower© features which allows :

- Power down the idle ports to use the maximum efficient power consumption per port
- Automatic adjust of power usage according to the cable length
- Efficient power usage provides 3 times more life-cycle than similar hardware

User-Friendly

RICON 10/100/1000Mbps Unmanaged Switches do not need any configuration.

Traffic optimization is controlled by RICON SmartManage© Technology.

Plug 'n Play: Power-On, connect the cable and feel the power of WireSpeed data.

High-Performance




RICON switches deliver the performance you need to run your business applications, including bandwidth-sensitive media services to avoid slow networks. All switches develop with enhanced Ricon traffic-management features to make your top traffic prioritized with a peak performance.

Integrated QoS Technology on all models prioritizes sensitive traffic like voice or video to improve your network's performance.




Loop detection discovers any loops in the network might occurred accidentally and avoids broadcast storms will make your network stall.

Technical Specifications


Fast Ethernet Series Ordering Information

Switch Model	Description	Up-Link Ports	Picture
RSB8FE-U	8 Port 10/100BaseT FastEthernet Unmanaged Switch - 5W (Wall-Mount)	-	
RSB16FE-U	16 Port 10/100BaseT FastEthernet Unmanaged Switch - 24W (Rack-Mount)	-	
RSB24FE-U	24 Port 10/100BaseT FastEthernet Unmanaged Switch - 24W (Rack-Mount)	-	

Gigabit Ethernet Series Ordering Information

Switch Model	Description	Up-Link Ports	Picture
RSB8GE-U	8 Port 10/100/1000BaseT Gigabit Ethernet Unmanaged Switch - 12W (Wall-Mount)	-	
RSB162GE-U	16 Port 10/100/1000BaseT Gigabit Ethernet Unmanaged Switch - 24W (Rack-Mount)	2 * 1,25GE SFP	
RSB242GE-U	24 Port 10/100/1000BaseT Gigabit Ethernet Unmanaged Switch - 24W (Rack-Mount)	2 * 1,25GE SFP	

Generic Features

All Models	
Web Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
Transmission Medium	Recommended: Cat5 UTP, Cat5e UTP or higher category
Forwarding Mode	Store and Forward
Indicator Lights	Power: Green (On when load connected) Link Activity: Green (Flash when signal connected)
Environment	Operating Temperature: -10 °C~70 °C (32°F~127°F) Storage Temperature: -40 °C~85 °C (-97°F~142°F) Working Humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing
Certifications	 UL Certified Power Supply


Product Specifications

	RSB8FE-U	RSB16FE-U	RSB24FE-U	RSB8GE-U	RSB162GE-U	RSB242GE-U
Forwarding Rate	10Mbps: 14880pps 100Mbps: 148800pps	10Mbps: 14880pps 100Mbps: 148800pps	10Mbps: 14880pps 100Mbps: 148800pps	100Mbps: 148800pps 1000Mbps: 1488000pps	100Mbps: 148800pps 1000Mbps: 1488000pps	100Mbps: 148800pps 1000Mbps: 1488000pps
MAC Address Table	1.000	4.000	4.000	4.000	8.000	8.000
Packet Forward Rate	1.19 Mpps	2.381 Mpps	3.5712 Mpps	11.584 Mpps	28.272 Mpps	38.688 Mpps
Switching Capacity	1.6 Gbps	3.2 Gbps	4.8 Gbps	16 Gbps	36 Gbps	52 Gbps
Power Supply	External DC5V 5W	AC:100-240V 50/60Hz Built-in power DC:12V, 24W	AC:100-240V 50/60Hz Built-in power DC:12V, 24W	External DC12V 12W	AC:100-240V 50/60Hz Built-in power DC:12V, 24W	AC:100-240V 50/60Hz Built-in power DC:12V, 24W
Installation Method	Desktop Wall-mounted	Desktop Rack-mounted	Desktop Rack-mounted	Desktop Wall-mounted	Desktop Rack-mounted	Desktop Rack-mounted



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