



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.

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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 |  CE FCC Canada 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 |



RICON

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