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

RSB82FEP+U | RSB1623FEP+U | RSB2423FEP-U | RSB82GEP+U | RSB163GEP+U | RSB243GEP+U

Overview

RICON 8-16-24 Port Unmanaged 10/100/1000M PoE/PoE+ 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.

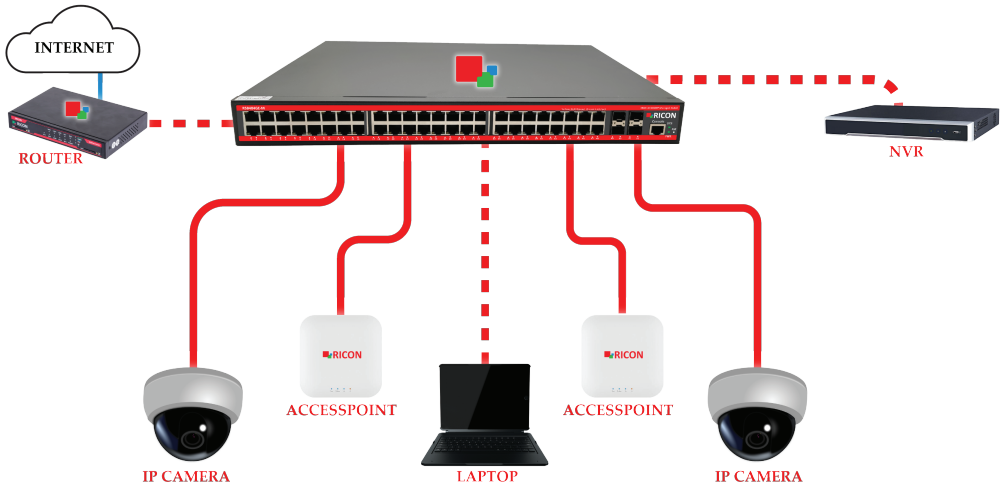
Users can use without bandwidth and media network restrictions with full wire-speed of 100/1000M connection to workgroups or servers and convenient plug and play features on this unique flexible non-blocking architecture.

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.



** Specifications are subject to change without notice. RICON is a registered trademark of RICON İLETİŞİM A.Ş. Copyright @ 2019 RICON İletişim A.Ş. All rights reserved.

Environment

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

High-Lights

- Support IEEE 802.3az
  Support IEEE802.3 af/at
- 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
- Support IEEE 802.1Q VLAN

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

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

RSB82FEP+U | RSB1623FEP+U | RSB2423FEP-U | RSB82GEP+U | RSB163GEP+U | RSB243GEP+U

FastEthernet and Gigabit Scalable

RICON 10/100/1000Mbps Unmanaged PoE/PoE+ 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 lenght
- Efficient power usage provides 3 times more life-cycle then 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 develope 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 occured accidentally and avoids broadcast storms will make your network stall.

RICON İletişim A.Ş. - RICON Mobile Inc.

HQ: Ahi Evran Cd. No.21 Polaris Plaza Kat6-8 No.32-40 Maslak, Istanbul, TÜRKİYE T: +90 212 346 26 00 F: +90 212 346 26 70
HQ: 5063 North Service Road Burlington, Ontario, CANADA L7L 5H6 T: +1 (905) 921 31 22
Office: Via Tiziano Nr.32 20145 Milano (MI), ITALY

** Specifications are subject to change without notice. RICON is a registered trademark of RICON İLETİŞİM A.Ş. Copyright @ 2019 RICON İletişim A.Ş. All rights reserved.

Technical Specifications

Fast Ethernet PoE/PoE+ Series Ordering Information

Switch Model	Description	Up-Link Ports	Picture
RSB82FEP+U	8 Port 10/100BaseT Power Over Ethernet (802.3at PoE+) - 96W Unmanaged Switch (Wall-Mount)	2 * 10/100Mbps	
RSB1623FEP+U	16 Port 10/100BaseT Power Over Ethernet (802.3at PoE+) - 220W Unmanaged Switch (Rack-Mount)	2 * 10/100Mbps	
RSB2423FEP-U	24 Port 10/100BaseT Power Over Ethernet (802.3af) - 300W Unmanaged Switch (Rack-Mount)	2 * 10/100Mbps 1 * 1,25GE SFP	

Gigabit Ethernet Series PoE/PoE+ Ordering Information

Switch Model	Description	Up-Link Ports	Picture
RSB82GEP+U	8 Port 10/100/1000BaseT Power Over Ethernet (802.3at PoE+) Unmanaged Switch - 96W (Wall-Mount)	2 * GE RJ45	
RSB163GEP+U	16 Port 10/100/1000BaseT Power Over Ethernet (802.3at PoE+) Unmanaged Switch - 220W (Rack-Mount)	2 * GE RJ45 1 * 1,25GE SFP	
RSB243GEP+U	24 Port 10/100/1000BaseT Power Over Ethernet (802.3at PoE+) Unmanaged Switch - 300W (Rack-Mount)	2 * GE RJ45 1 * 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 ℃~ 70 ℃ (32°F~127°F) Storage Temperature：-40 ℃~85 ℃ (-97°F~142°F) Working Humidity：10%~90% non-condensing Storage Humidity：5%~95% non-condensing
Certifications	CE FC UL Industry Canada Industrie Canada

RICON İletişim A.Ş. - RICON Mobile Inc.

HQ: Ahi Evran Cd. No.21 Polaris Plaza Kat6-8 No.32-40 Maslak, Istanbul, TÜRKİYE T: +90 212 346 26 00 F: +90 212 346 26 70
HQ: 5063 North Service Road Burlington, Ontario, CANADA L7L 5H6 T: +1 (905) 921 31 22
Office: Via Tiziano Nr.32 20145 Milano (MI), ITALY

** Specifications are subject to change without notice. RICON is a registered trademark of RICON İLETİŞİM A.Ş. Copyright @ 2019 RICON İletişim A.Ş. All rights reserved.

Product Specifications

	RSB82FEP+U	RSB1623FEP+U	RSB2423FEP-U	RSB82GEP+U	RSB163GEP+U	RSB243GEP+U
MAC Address Table	1.000	2.000	2.000	2.000	2.000	4.000
Packet Forward Rate	1.19 Mpps	5.213 Mpps	8 Mbps	14.48 Mbps	27.512 Mbps	40.176 Mbps
Packet Cache	448kbits	1.5Mbps	1.5Mbps	1.5Mbps	1.5Mbps	2.33Mbps
Jumbo Frames	1552/1536 bytes	9216 bytes	9216 bytes	9216 bytes	9216 bytes	9216 bytes
Switching Capacity	2 Gbps	7.2 Gbps	10 Gbps	20 Gbps	38 Gbps	54 Gbps
Power Supply	AC:100-240V 50/60Hz Built-in power DC:52V, 96W	AC:100-240V 50/60Hz Built-in power DC:52V, 220W	AC:100-240V 50/60Hz Built-in power DC:52V, 300W	AC:100-240V 50/60Hz Built-in power DC:52V, 96W	AC:100-240V 50/60Hz Built-in power DC:52V, 220W	AC:100-240V 50/60Hz Built-in power DC:52V, 300W
Installation Method	Desktop Rack-mounted	Desktop Rack-mounted	Desktop Rack-mounted	Desktop Rack-mounted	Desktop Rack-mounted	Desktop Rack-mounted

RICON

Sales & Support

SALES: SalesTeam@riconmobile.com
SUPPORT: destekistanbul@riconmobile.com

www.riconmobile.com

RICON İletişim A.Ş. - RICON Mobile Inc.

HQ: Ahi Evran Cd. No.21 Polaris Plaza Kat6-8 No.32-40 Maslak, Istanbul, TÜRKİYE T: +90 212 346 26 00 F: +90 212 346 26 70
HQ: 5063 North Service Road Burlington, Ontario, CANADA L7L 5H6 T: +1 (905) 921 31 22
Office: Via Tiziano Nr.32 20145 Milano (MI), ITALY

** Specifications are subject to change without notice. RICON is a registered trademark of RICON İLETİŞİM A.Ş. Copyright @ 2019 RICON İletişim A.Ş. All rights reserved.