

Products



SSR22i/SSR24

Stackable 10/100Mbps Switches With Gigabit Option

Designed for the departmental networks, the SSR series switches combine a high level of flexibility with advanced features. These switches can be stacked up to increase port density without sacrificing performance. With network management capability provided, users can also fine-tune performance and set up security.

SSR24/22i



- 22 or 24 10/100Mbps ports per switch
- Up to 4 switches per stack
- MDI uplink ports
- Up to 2 optional 100Mbps fiber ports
- Up to 2 optional 1000Mbps Gigabit Ethernet ports
- Store-and-forward switching method
- Port trunking at up to 1600Mbps (8 ports at full duplex)
- IEEE 802.3x flow control
- Firmware upgradable through TFTP
- Telnet support, SNMP, web-based management
- VLANs, RMON, Spanning Tree Protocol
- Port mirroring, IGMP Snooping

Order Information

Model	List Price
SSR22i	\$1,413.32
SSR24	\$1,239.99
Available Modules	
SSRmx	\$353.32
SSRmsc	\$199.99
SSRmg1	\$586.65
SSRmg2	\$1,053.32

Toll-free Tel: 1-888-711-AMER, Email: sales@amer.com, Website: www.amer.com

*Prices subject to change without notice. Errors and omissions excepted.

Products



SSR22i/SSR24 Switch Specifications

General

Standards

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX/FX Fast Ethernet
- IEEE 802.3z 1000BASE-SX Gigabit Ethernet
- ANSI/IEEE Std 802.3 NWay auto-negotiation

Protocol

- CSMA/CD

Topology

- Star

Data Transfer Rate

- **Ethernet:**
 - 10Mbps (half duplex)
 - 20Mbps (full duplex)
- **Fast Ethernet:**
 - 100Mbps (half duplex)
 - 200Mbps (full duplex)
- **Gigabit Ethernet:**
 - 1000Mbps (half duplex)
 - 2000Mbps (full duplex)

Network Cables

- 10BASE-T:
 - 2-pair UTP Cat. 3, 4, 5 (100 m)
 - EIA/TIA-568 100-ohm STP (100m)
- 100BASE-TX:
 - 2 pair or 4-pair UTP Cat. 5 (100 m)
 - EIA/TIA-568B 100-ohm STP (100 m)
- 100BASE-FX:
 - 50 micron and 62.5 micron multimode fiber
- 1000BASE-SX:
 - 50 micron and 62.5 micron multimode fiber

Available Modules

- SSRmsc: 1-port 100BASE-FX module for slot 1 (SC connector) available for SSR22i & SSR24
- SSRmx: 3-port S10 Crossbar Stacking module for SSR22i
- SSRmg1: 1-port 1000BASE-SX Gigabit Uplink module for SSR22i
- SSRmg2: 2-port 1000BASE-SX Gigabit Uplink module for SSR22i

Full/half Duplex

- Supported by all LAN ports except Gigabit option

Uplink Ports

- SSR22i: MDI RJ-45 x 1 (shared with port 1)
- SSR24: MDI RJ-45 x 2 (shared with ports 1 & 2)

Stacking Feature

- Up to 94 ports maximum managed switch stack (1 x SSR22i, 3 x SSR24)
- Up to 48 ports maximum unmanaged switch stack (2 x SSR24)

Performance

Transmission Methods

- Store-and-forward

Backplane Speed

- 21.3 Gbps (SSR22i)
- 10.66 Gbps (SSR24)

Filtering Address Table

- 12K entries per device

MAC Address Learning

- Automatic update

Packet Filtering Rates

- 10BASE-T: 14,880 pps per port
- 100BASE-TX/FX: 148,810 pps per port
- 1000BASE-SX: 1,488,100 pps per port

Packet Forwarding Rates

- 10BASE-T: 14,880 pps per port
- 100BASE-TX/FX: 148,810 pps per port
- 1000BASE-SX: 1,488,100 pps per port

RAM Buffer

- 0.5MB per 10/100 port
- 2MB per Gigabit port

Flow Control

- IEEE 802.3x flow control in full-duplex

Management

Standards

- Management: SNMP, web-based
- IEEE 802.1d Spanning Tree Protocol
- IEEE 802.1Q VLAN
- RMON group 1, 2, 3, 9
- IEEE 802.1p Priority Tagging

MIBs

- VLAN MIBs
- MIB-II RFC 1213
- Bridge MIBs RFC 1493
- RMON MIBs RFC 1757
- Amer.com Enterprise MIBs

Console Port

- DB-9 RS-232 DCE x 1 (SSR22i only)

Physical & Environmental

AC Input

- 100 - 240 VAC, 50-60 Hz
- Internal universal power supply

Power Consumption

- 46 watts (max.)

Ventilation

- Two 1.57 x 1.57 inch (40 x 40 mm) DC fan

Operating Temperature

- 32° - 122°F (0° - 50°C)

Storage Temperature

- -13° - 131° F (-25° - 50°C)

Relative Humidity

- 5% - 95% non-condensing

Dimensions

- 17.36 x 14.45 x 1.75 inches (441 x 367 x 44 mm)
- 19-inch rack-mount width

Weights

- SSR22i: 13.2 lb. (6 kg)
- SSR24: 11 lb. (5 kg)

Emission (EMI)

- FCC Class A
- CE Class A
- VCCI Class A
- C-Tick Class A
- BSMI Class A

Safety

- UL (UL 1950)
- CSA (CSA 950)
- TUV/GS (En60950)

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