

Manageable Ethernet Switch with Gigabit Options:
24 10/100BaseTX + up to 2 Gigabit ports
16 10/100BaseTX + up to 8 100BaseFX + up to 2 Gigabit ports

Xpresso 2224S and 3224S

The Xpresso 2224S and 3224S series switches are the newly designed entry level management switch with Optional Gigabit modules over the previous 2224A and 3224A models. The 2224S comes standard with 24 10/100Mbps TX RJ45 ports with 2 modules for optional Gigabit ports. The 3224S comes with a 16 10/100Mbps TX RJ45 ports and a modular slot for up to 8 100Base FX fiber ports with MT-RJ and VF-45 connectors, Up to 6 100FX ports with SC and ST, and 2 Optional Gigabit modules. The Xpresso 2224S and 3224S offers lower cost with more functionality over the previous models.



At an entry level price, the Xpresso 2224S and 3224S provides scalability through the fiber optic modules (3224S only), Gigabit Options and complete SNMP management capabilities. Features include SNMP/RMON, Web Browser, Telnet, and Console Port configurations; 802.1Q VLAN, QoS, IGMP snooping, Spanning Tree Protocols (802.1D and 802.1w), port mirroring, and bandwidth/rate control over 10/100Mbps ports.

As other members of the Xpresso 3000 family, the Xpresso 2224S and 3224S series switches matches budget and scalability with its One Unit Height design to save rack space and modules for different fiber port count numbers to accommodate different sized networks with different budgets. More optional models are available in different series such as the 3224SF16 or 18 switches and the 3200SF series switches which complete the line of management Gigabit switches.

Key Features

- Rate Control for 10/100Mbps ports from 2Mbps to 100Mbps with 0.5Mbps increments.
- IEEE 802.1Q VLAN.
- IP Multicast Filtering through RFC 2236 IGMP Snooping.
- IEEE 802.1w Rapid Spanning Tree and IEEE 802.1D Spanning Tree protocols.
- RMON, SNMP, Web-based management, Telnet and TFTP
- Port-mirroring.
- IEEE 802.1p (Quality of Service) for 8-level transmission priorities.
- MAC-based Trunking, up to 3 groups of 4 ports.
- Auto Negotiation between 10/100/1000Mbps for 1000Base-T Gigabit, 10/100Mbps for 100Base-TX RJ45 ports.
- True non-blocking architecture and full wire-speed forwarding rate.
- Store-and-forward mechanism.
- 12K MAC address.
- Back-pressure and IEEE 802.3x compliant flow control.
- Front panel port status LEDs and reset button.

Xpresso 2224S and 3224S

Manageable Ethernet Switch with Gigabit Options:
 24 10/100BaseTX + up to 2 Gigabit ports
 16 10/100BaseTX + up to 8 100BaseFX + up to 2 Gigabit ports

Physical Specification

AC Input:

100~260VAC, 47~63Hz Internal Universal PSU

Dimensions:

W440mm x D235mm x H45mm (17.3" x 9.3" x 1.8")
 Standard 19" rack-mount size, one-unit-height

Input Fuse:

2A

Power Consumption:

2224S - 48W;

Operating Temperature:

-0°C ~ 40°C (-32°F ~ 104°F)

Storage Temperature:

-25°C ~ 70°C (-13°F ~ 158°F)

Humidity:

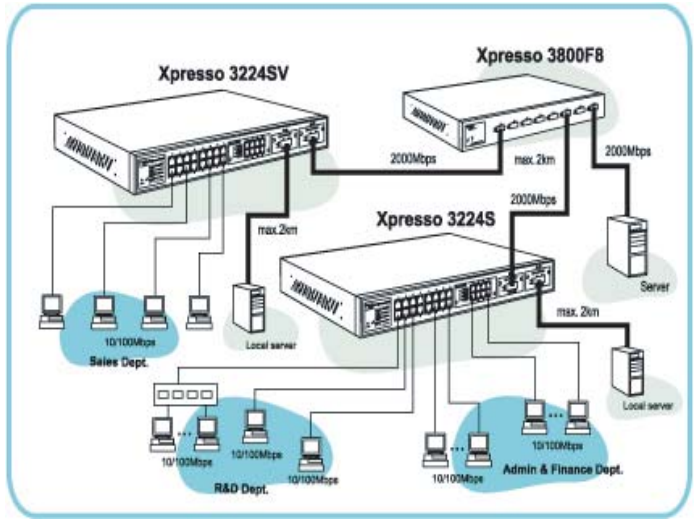
10% ~ 90% non-condensing

Net Weight:

3.4kg (7.5lb)

Emission Compliance:

CE & FCC



Ordering Information

Rackmount Size Smart Modular Fast/Gigabit Ethernet Switch

- Xpresso 3224S 16-port 10/100BaseTX +1 slot for M800S Series Modules + 2 slots for M1000S or M100S Series Module
- Xpresso 2224S 24-port 10/100T/TX +2 slot for M1000S or M100S Series Module

M800S Series Modules (Featuring Auto-MDIX on all TX ports)

	10/100Base-T/TX port	100Base-FX port
TX808S	8	0
FC844S	4	4, Multi-Mode fiber (SC)
FC844S-20	4	4, Single-Mode fiber (SC), up to 20km*
FT860S	0	6, Multi-Mode fiber (ST)
FC860S	0	6, Multi-Mode fiber (SC)
FC860S-20	0	6, Single-Mode fiber (SC), up to 20km*
FT826S	6	2, Multi-Mode fiber (ST, Multi-Mode)
FV826S	6	2, Multi-Mode fiber (VF-45)
FM826S	6	2, Multi-Mode fiber (MT-RJ)
FT826S	6	2, Multi-Mode fiber (ST)
FC826S	6	2, Multi-Mode fiber (SC)
FC826S-20	6	2, Single-Mode fiber (SC), up to 20km*
FM880S	0	8, Multi-Mode fiber (MT-RJ)
FV880S	0	8, Multi-Mode fiber (VF-45)

* 40km, 75km, or 100+km also available

M1000S Series Module

- TX1000: 1-port 10/100/1000Base-T Gigabit Ethernet Module
- SC1000: 1-port 1000Base-SX Gigabit Ethernet Module
- LC1000-10: 1-port 1000Base-LX(10km) Gigabit Ethernet Module
- LC1000-20: 1-port 1000Base-LX(20km) Gigabit Ethernet Module



ISO 9001# 3EAY025-01
 USA 970 Via Rodeo,
 Placentia, CA 92870, USA
 TEL: +1-714-729-2400
 FAX: +1-714-729-2404
 www.etherwan.com
 info@etherwan.com

