Eaton's Tripp Lite series managed Ethernet switches

Bring network management and Gigabit speed to white space installations

Eaton's Tripp Lite series managed Ethernet switches provide the ability to manage and control data traffic in Gigabit Ethernet (GbE) networks. These L2 web-smart managed switches have auto-negotiating GbE ports to send data via Cat5e/6/6a/8 connections to the computers, routers, hubs and other devices designated to receive it, which improves the efficiency and potential throughput of the network.

A built-in web interface supports remote management in white space installations, enterprise networks and data centers using Layer 2 and Layer 3 management of connected servers. SFP uplink ports and options for Power over Ethernet (PoE+) further expand network connectivity.

Key features

Network management

- Built-in web interface with management software provides rich Layer 2 functionality for monitoring and controlling network traffic
- QoS, link aggregation, port monitoring and other features improve network efficiency and performance
- Switches are compatible with most popular web browsers

Gigabit speeds

- Switches feature auto-negotiating Gigabit Ethernet (10/100/1000 Mbps) RJ45 ports
- Auto-MDI/MDIX crossover detection allows the RJ45 ports to automatically detect and choose the connection required without using special crossover cables for uplinks
- LEDs indicate connection and activity status for each port

Fiber optic uplinks

- Dedicated SFP uplink ports accept SFP (small form-factor pluggable) transceivers that allow multiple switches to be connected using fiber optic cable to support transmission over long distances
- LEDs indicate whether a device is connected and whether the switch is sending or receiving data

Integrated security features

- Integrated features like VLAN, port mirroring, port binding and IGMP snooping help network admins ensure data is sent to the correct devices and users
- DoS (denial of service) protection helps prevent malicious attacks and cyber threats

Power for PoE devices (select models)

- PoE+ ports support Power over Ethernet to provide convenient in-line power to connected PoE devices, including IP phones, wireless access points and security cameras
- Powered device monitoring (PDM) automatically restarts connected PoE devices if they go offline

Durable construction

- All switches have a metal housing for maximum durability
- Mount switches into 1U of an EIA-standard 19-inch rack using the included brackets and screws
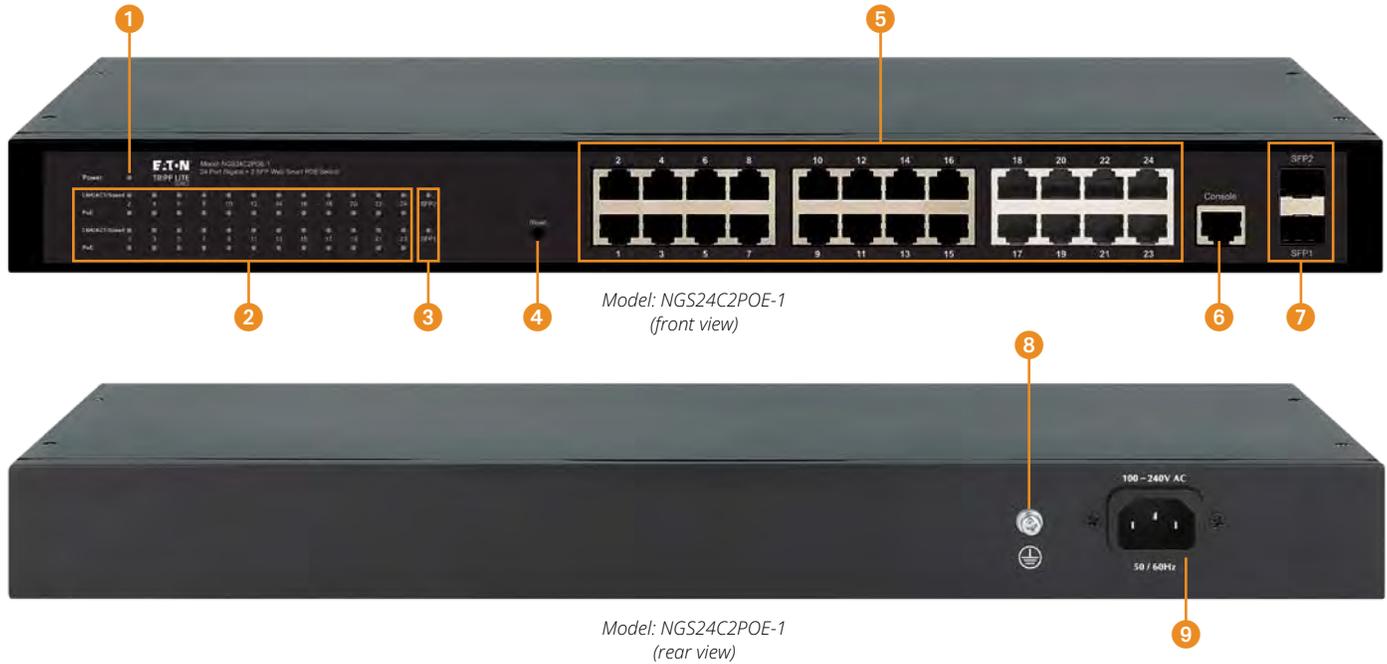

Removable mounting brackets (included) support 1U rack mounting.

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Feature focus (See TrippLite.Eaton.com for model-specific configurations.)

Model: NGS24C2POE-1
(front view)

Model: NGS24C2POE-1
(rear view)

1 **Power on/off LED**

2 **Ethernet and PoE activity/status LEDs**
Ethernet LEDs indicate port activity and data transmission speed.
PoE LEDs indicate active power output and identify faults.

3 **SFP port status LEDs**
Indicate SFP port status and activity.

4 **Reset button**

5 **Gigabit Ethernet ports/PoE+ ports (RJ45)**

6 **RJ45 console port (for command line access)**

7 **SFP uplink ports**

8 **Grounding terminal**

9 **Power inlet for detachable C13 to C14 power cord (included)**

Not shown
Included C13 to C14 5-foot power cord
Included mounting brackets for optional 1U rack mounting

Specifications

Catalog number	GbE RJ45 ports	GbE SFP ports	PoE+ ports and budget	Switching capacity (full duplex)	QoS support	AC input connection
Managed Gigabit Ethernet switches						
NGS8C2-1	8	2 (dedicated)	—	20 Gbps	Yes	C14 inlet; C13 to C14 cord
NGS16C2-1	16	2 (dedicated)	—	36 Gbps	Yes	C14 inlet; C13 to C14 cord
NGS24C2-1	24	2 (dedicated)	—	52 Gbps	Yes	C14 inlet; C13 to C14 cord
Managed Gigabit Ethernet switches with PoE						
NGS8C2POE-1	8	2 (dedicated)	8 (140W budget)	20 Gbps	Yes	C14 inlet; C13 to C14 cord
NGS16C2POE-1	16	2 (dedicated)	16 (220W budget)	36 Gbps	Yes	C14 inlet; C13 to C14 cord
NGS24C2POE-1	24	2 (dedicated)	24 (370W budget)	52 Gbps	Yes	C14 inlet; C13 to C14 cord

Nominal AC input is 100-240V, 50/60 Hz. All models have a 3-year limited warranty. IEEE certifications vary by model. Due to continuous improvement programs, all specifications are subject to change without notice.
See TrippLite.Eaton.com for the most up-to-date specifications.

Learn more about Tripp Lite series network switches at TrippLite.Eaton.com

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