24 10/100/1000Mbps Port Gigabit L2 Web-Smart Managed PoE+ Switch, 300W, 2 Dedicated Gigabit SFP Slots, 52 Gbps, Web Interface

MODEL NUMBER: **NGS24C2POE**

Highlights

- IP-MAC-Port-Binding, ACL, Storm Control
- Port Security, DHCP Snooping, 802.1x, L2
- Web-Smart management interface, SNMP, RMON features
- Enterprise-level, security and layer 2 management
- Cost-effective form factor for small and medium businesses

Package Includes

- NGS24C2POE 24-Port Gigabit L2 Web-Smart Managed PoE+ Network Switch
- Detachable AC power cord w/NEMA 5-15P plug, 5 ft.
- (2) Rack-mounting brackets
- (8) Screws
- (4) Rubber feet
- Owner's manual

Fully managed 24-port web-smart Gigabit 300W PoE+ network switch with dual SFP slots in a 1U rack-mount/desktop unit. Ideal for monitoring and controlling a LAN in a small-to-medium distributed network.

Description

The energy-efficient NGS24C2POE 24-Port Gigabit L2 Web-Smart Managed PoE+ Network Switch features 24 twisted-pair RJ45 Gigabit Ethernet ports that support auto-negotiable 10/100/1000 Mbps and auto MDI/MDIX cross-over detection functions for convenient plug-and-play capability. Each port can be configured to supply up to 30W of PoE+ (Power over Ethernet) via network cable to connected high-wattage devices, such as VoIP phones, wireless access points and security cameras. Two dedicated mini-GBIC SFP ports are also included for uplinking data to other switches via optical fiber or copper.

Easy-to-read LEDs indicate connection and activity status for each port. Built-in web-smart management software gives you remote access to monitor and control each connected device via secure web-based interface. Each port supports up to 2 Gbps with full duplex.

The heavy-duty metal housing mounts into 1U of an EIA-standard 19-inch rack using the included brackets and user-supplied hardware. Or attach the included rubber feet to the bottom of the unit for installation on a flat desktop surface. The five-foot input cord with NEMA 5-15P plug connects to a protected UPS, generator or mains input AC source.

Features

Enterprise Managed Network Switch

- 24 twisted-pair RJ45 Gigabit Ethernet ports for connecting data-intensive devices
- Auto-negotiable 10/100/1000 Mbps
- Automatic MDI/MDIX cross-over detection
- 52 Gbps switching capacity (2 Gbps per port with full duplex)

- Easy-to-read LEDs indicate connection and activity status for each port

- Supports 9k jumbo frames

- Supports MAC address auto-learning and auto-aging up to 8,000 addresses

- Advanced Enterprise-level and L2 management features

300W Total PoE+ Budget

- Each RJ45 port can be configured to supply in-line power to connected devices, such as VoIP phones, wireless access points and security cameras

- 30W maximum per port

Built-In Web-Smart Management Software

- Remote access allows monitoring and control of connected equipment via simple Web interface

- VLAN, trunking, VPN, port monitoring and other features improve network efficiency and performance

Dual Dedicated Mini-GBIC SFP Ports

- Connect to Mini-GBIC SFP modules for uplinking to other switches via optical fiber or copper

- LEDs indicate interface traffic

Compliant with IEEE Standards

- Meets IEEE 802.3ab, 802.3i, 802.3u, 802.3x, 802.3, 802.1q, 802.1p, 802.3af and 802.3at standards

Versatile Installation Options

- Fanless metal housing mounts in 1U of EIA-standard 19 in. racks

- Supports desktop installation using included rubber feet on flat surface

- 5 ft. power cord with NEMA 5-15P plug connects to compatible AC power source

Specifications

OVERVIEW	
UPC Code	037332194862

INPUT	
Electrical Consumption	450 watts max.
Input Plug Features	Detachable input cord
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52
Voltage Compatibility (VAC)	100; 110; 120; 127; 208/240
Input Phase	Single-Phase
Input Plug Type	NEMA 5-15P

USER INTERFACE, ALERTS & CONTROLS	
Switches	1 included switch enables factory reset
LED Indicators	Power LED (Red); One connection/activity LED per RJ-45 port (Amber indicates 10/100Mbps link; Green indicates 1000Mbps link; LEDs flash to indicate port activity); One POE port per RJ-45 port (Green when POE is active; Blinks when port is overloaded); Two LEDs indicate SFP connection (Green)

PHYSICAL	
Primary Form Factor	Desktop; Rackmount
Minimum Required Rack Depth (inches)	8.19
Minimum Required Rack Depth (cm)	20.80
Shipping Dimensions (hwd / in.)	3.460 x 21.850 x 11.610
Shipping Dimensions (hwd / cm)	8.79 x 55.50 x 29.49
Shipping Weight (lbs.)	8.7100
Shipping Weight (kg)	3.95
Unit Dimensions (hwd / in.)	1.73 x 17.32 x 8.19
Unit Dimensions (hwd / cm)	4.39 x 43.99 x 20.8
Unit Weight (lbs.)	6.84
Unit Weight (kg)	3.10
Color	Black

ENVIRONMENTAL	
Storage Temperature Range	-40 to 158 F (-40 to 70 C)
Relative Humidity	10 to 90% (Non-condensing)
Operating Elevation (ft.)	10,000
Operating Temperature	32 to 104 F (0 to 40 C)
Operating Elevation (m)	3,000

CONNECTIONS	
Ports	26
Network Switch Ports	(24) 10/100/1000 (RJ45); (2) Dedicated SFP

CERTIFICATIONS	
Certifications	Compliant standards: IEEE 802.3ab (1000BASE-T GIGABIT ETHERNET), IEEE 802.3i (10BASE-T ETHERNET), IEEE 802.3u (100BASE-T ETHERNET), IEEE 802.3x (FULL DUPLEX/FLOW CONTROL), IEEE 802.3 (NWAY AUTO-NEGOTIATION), 802.1q (TAGGED VLAN), 802.1p (QUALITY OF SERVICE), 802.af (POE), 802.at (POE+)
Approvals	Tested to: UL 60950-1:2007 (2nd Ed); CAN/CSA C22.2 NO. 60950-1-07 2nd Edition, 2014-10; FCC Class A (Emissions)

WARRANTY	

Product Warranty Period (Worldwide)	5-year limited warranty