8 10/100/1000Mbps Port Gigabit L2 Web-Smart Managed PoE+ Switch, 140W, 2 Dedicated Gigabit SFP Slots, 20 Gbps, Web Interface

MODEL NUMBER: **NGS8C2POE**

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

- NGS8C2POE 8-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 8-port web-smart Gigabit 140W 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 NGS8C2POE 8-Port Gigabit L2 Web-Smart Managed PoE+ Network Switch features eight 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 devices, such as VoIP phones 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 lets you 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 Switch8 twisted-pair RJ45 Gigabit Ethernet portsAuto-negotiable 10/100/1000 MbpsAutomatic MDI/MDIX cross-over detection20 Gbps switching capacity (2 Gbps per port with full duplex)Easy-to-read LEDs indicate connection and activity status for each portSupports 9k jumbo framesSupports MAC address auto-learning and auto-aging up to 8,000 addressesAdvanced Enterprise-level and L2 management features

140W Total PoE+ Budget Each RJ45 port can be configured to supply PoE+ to connected devices, such as VoIP phones and security cameras30W maximum per portTotal PoE power split into 2 port groups, each 70W max

Built-In Web-Smart Management Software Monitors and controls connected equipment via simple Web interfaceVLAN, 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 copperLEDs indicate interface traffic

Compliant with Energy Efficient Ethernet standards Automatically shifts unused ports to low power state without interrupting network connectionMeets IEEE 802.3ab, 802.3i, 802.3u, 802.3x, 802.3, 802.1q, 802.1d, 802.1w and 802.3ad standards

Versatile Installation Options Fanless metal housing mounts in 1U of EIA-standard 19 in. racksSupports desktop installation using included rubber feet on flat surface5 ft. power cord with NEMA 5-15P plug connects to compatible AC power source

Works with the Most Popular Web Browsers
The NGS8C2POE is browser-based and works independently from the connected computer's operating system. Because switch compatibility is based on common hardware standards, rather than system software dependencies, the NGS8C2POE accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

Specifications

OVERVIEW	
UPC Code	037332194855
Product Type	Managed Switch

INPUT	
Electrical Consumption (Max)	300W
Electrical Consumption (Max PoE Load)	140W
Input Plug Features	Detachable NEMA 5-15P to C13 input plug can be replaced with a wide variety of 100 to 240V international cordsets that terminate to a C13 connector on the output side
Voltage Compatibility (VAC)	100-240
Input Phase	Single-Phase
Input Plug Type	NEMA 5-15P
Input Cord Length (ft.)	5
Input Cord Length (m)	1.52

POWER	
Power Consumption (Watts)	300

USER INTERFACE, ALERTS & CONTROLS	
Switches	1 included switch enables factory reset
LED Indicators	Power LED (Green for Power On); One connectivity LED per RJ45 port (Amber indicates 10/100Mbps link; Green indicates 1000Mbps link; LEDs flash to indicate port activity); One PoE port per RJ45 port (Green when PoE is active; Blinks when port is overloaded); Two LEDs indicate SFP connection (Green)

PHYSICAL	
Primary Form Factor	Desktop; Rackmount
Color	Black

Minimum Required Rack Depth (cm)	20.50
Minimum Required Rack Depth (inches)	8.07
Shipping Dimensions (hwd / cm)	7.70 x 43.79 x 24.51
Shipping Dimensions (hwd / in.)	3.03 x 17.24 x 9.65
Shipping Weight (kg)	2.80
Shipping Weight (lbs.)	6.17
Unit Dimensions (hwd / in.)	1.73 x 17.32 x 8.07
Unit Dimensions (hwd / cm)	4.39 x 43.99 x 20.5
Unit Weight (lbs.)	5.4
Unit Weight (kg)	2.45
Rack Units	1
ENVIRONMENTAL	
Storage Temperature Range	-40 to 158 F (-40 to 70 C)
Relative Humidity	10 to 90% (Non-condensing)
Operating Temperature	32 to 104 F (0 to 40 C)
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable
Switching Capacity	20 Gbps
Switching Capacity Details	2 Gbps per port with full duplex
CONNECTIONS	
Number of Ports	10
RJ45 Ports	8
RJ45 Ports Detail	8x 10/100/1000BASE-T
SFP Uplink Ports	2
SFP Uplink Ports Detail	2x Mini-GBIC SFP Uplinks
PoE Capability	30W (802.3at)
PoE Power Budget (Watts)	140
PoE Supported Ports	8
Network Switch Ports	(8) 10/100/1000 (RJ45); (2) Dedicated SFP
FEATURES & SPECIFICATIONS	
Fans (Type/Quantity)	Fanless

MAC Addresses	8000
Jumbo Frames	9000
OSI Layer	Layer 2
Console Port	No
MAC Auto Learning	Yes
RMON	Yes
SNMP	Yes
Storm Control	Yes
DHCP Snooping	Yes
Auto MDI/MDIX Crossover Detection	Yes
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 60950-1 (Canada); UL 60950-1
Product Compliance	RoHS; IEEE 802.1d (STP); IEEE 802.1p CoS/QoS; IEEE 802.1q Tagged VLAN; IEEE 802.1w (RSTP); IEEE 802.3 Auto-Negotiation; IEEE 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3at PoE+; IEEE 802.3i 10Base-T; IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control
WARRANTY	
Product Warranty Period (Worldwide)	5-year limited warranty