



8-Port Managed Industrial Gigabit Ethernet Switch - Layer 2, 1 Gbps, PoE+ 30W, 4 GbE SFP Ports, -40° to 75°C, DIN Mount, TAA

MODEL NUMBER: NGI-M08C4POE8-2



Expands Gigabit Ethernet connectivity in industrial network applications requiring managed switches that offer hassle-free deployment.

Features

8-Port Managed Gigabit Ethernet Switch Connects Your Network Devices to a LAN

This space-saving switch transmits data over a Gigabit Ethernet network. Eight auto-negotiating 10/100/1000 Mbps ports send data via Cat5e/6/6a cable only to the devices designated to receive it, which improves the efficiency and potential throughput of the network. The NGI-M08C4POE8-2 also features four GbE SFP slots for uplinking data to other switches via optical fiber or copper. LEDs indicate when the switch is powered on and which Ethernet ports are showing activity.

PoE+ Ports Deliver Power to Devices Without Access to AC Outlets

This managed switch features eight PoE ports capable of powering compatible PoE devices, such as VoIP phones and IP surveillance cameras, without the expense and effort of running separate power lines or installing the devices near an AC outlet. The NGI-M08C4POE8-2 provides PoE+ compatibility up to 30W per port and a PoE budget of 120W with 24VDC input or 240W with 48VDC input to satisfy your demand for high-power network devices.

Protective Metal Housing Built to Last in Harsh Environments

The compact NGI-M08C4POE8-2 adds 10/100/1000 Mbps Gigabit Ethernet capacity to industrial automation, government, military, oil and gas, mining, power/utility, security, mining, factory and warehouse applications, as well as other environments with space constraints and wide temperature ranges. The IP30 industrial-grade aluminum case withstands vibration, shock and free fall. It can also operate in extreme temperatures ranging from -40 to 75 degrees Celsius (-40 to 167 degrees Fahrenheit).

Monitors and Controls Devices via CLI and Web Configuration

The NGI-M08C4POE8-2 supports MAC address auto-learning and auto-aging for efficient routing, as well as automatic MDI/MDI-X crossover detection for plug-and-play functionality. It also supports QoS, IGMP snooping, SFP DDMI and other device management features that fulfill the needs of high-performance managed industrial networks. IEEE 802.3x flow control allows smooth transmission of large files. The switch automatically shifts unused ports to an energy-saving state without interrupting network connection.

Pre-Loaded with Standard Layer 2 Network Management Software

This switch supports IGMP snooping in IPv4 to limit the flooding of multicast traffic by dynamically configuring Layer 2 interfaces. Multicast traffic is forwarded only to those interfaces associated with IP multicast devices.

Highlights

- 8 auto-negotiating RJ45 and 4 GbE SFP ports connect devices over a LAN
- PoE+ ports deliver up to 30W each with a total PoE budget up to 240W
- Industrial-grade switch supports operating temperature range of -40° to 75°C
- Comes pre-loaded with Layer 2 network management software for IGMP snooping
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- NGI-M08C4POE8-2 8-Port Managed Industrial Gigabit Switch with PoE+
- DIN rail-mounting clip (preinstalled)





Works with the Most Popular Web Browsers

The NGI-M08C4POE8-2 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 NGI-M08C4POE8-2 accommodates most platforms. Preferred web browsers include Google Chrome (on both Windows and macOS) and Microsoft Edge (Windows only).

Pre-Installed DIN Rail Clip Allows for Convenient Installation

The switch may be DIN mounted using the pre-installed rail clip, which mounts firmly to any standard 35 mm DIN rail. Providing seamless operation in the event of power dips or failures, the switch features redundant 6-pin 24–57VDC terminal block power inputs to help prevent unnecessary downtime. When used with two power sources, the switch also supports alarm relay contacts that you can wire to your existing alarm circuit to notify you instantly when a power disruption occurs.

TAA-Compliant for GSA Schedule Purchases

The NGI-M08C4POE8-2 is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

Specifications

OVERVIEW		
UPC Code	037332266958	
Product Type	Managed Industrial Gigabit PoE Ethernet Switch	
INPUT		
Maximum Input Amps Details	6A	
Voltage Compatibility (VDC)	24-57	
Redundancy - Dual Power Inputs	No	
Power Source	6-Pin Terminal Block	
POWER		
Power Consumption (Watts)	18.00	
Power Consumption Detail	258W	
USER INTERFACE, ALERTS & CONTROLS		
LED Indicators	- PWR (Green): for Power, - ALM (Red): for PWR & RPS fails, - RPS (Green): for Power by terminal block RPS, - PoE 1~8(Green): for supplying power to PD device, - 1000(Green): for Ethernet speed 1000Mbps, - LNK/ACT (Green): for data transmitting/receiving, - SFP 9~12 (Green): for SFP port link-up, - POST (Green): Illuminated for switch is ready or running	
PHYSICAL		
Primary Form Factor	DIN-Rail	
Color	Black	
Material of Construction	Aluminum	
Form Factors Supported	DIN-Rail Mountable	
Included Mounting Accessories	Yes	
Unit Dimensions (hwd / in.)	6.300 x 1.970 x 4.720	





Unit Neight (bs.)16.5 \$ 11.93Unit Weight (bs.)2.15Unit Weight (bs.)0.98ENVIROMENTALCoperating Temperature Range40° to 167° F (40° to 75° C)Storagn Temperature Range40° to 163° F (40° to 55° C)Relative Hunidsty5 to 55% (non-condensing)Operating Elevation (m)2000ESD Protectionabk/ air discharge / ±4k/ contact dischargeCommunicature Range40° to 163° F (40° to 45° C)Network Compatibility1 Gbps (Gjabil)Network Compatibility1 Gbps (Gjabil)Network Compatibility1 Gbps Part with Full DuplexCommunications200Storagn Temperature Range40° to 160° F (40° to 45° C)Network Compatibility1 Gbps Per Port with Full DuplexCommunications200Storagn Temperature Range40° to 160° F (40° to 45° C)Network Compatibility Details1 Gbps Per Port with Full DuplexContections200Ports8Ports8Ports4Ports4Port Dublet Ports4Port Dublet Ports400Port Description300 (R02 3a)Port Description300 (R02 3a)Port Dublet Ports8Port Dublet Ports8Port Dublet Ports8Port Dublet Ports8Port Description300 (R02 (Adb); (d) Dubletand SPPPort Description10000 (RJ46); (d) Dubletand SPPPort Port Set SetDerChatures10000Jundo Fiarne		
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OSI Layer Layer 2 Console Port Yes	USB Specification	USB 2.0 (up to 480 Mbps)
Console Port Yes	Jumbo Frames	10000
	OSI Layer	Layer 2
MAC Auto Learning Yes	Console Port	Yes
	MAC Auto Learning	Yes
MAC Addresses 16000		16000





RMON	Yes	
SNMP	Yes	
Storm Control	Yes	
DHCP Snooping	Yes	
Auto MDI/MDIX Crossover Detection	Yes	
Fans (Type/Quantity)	Fanless	
STANDARDS & COMPLIANCE		
Product Compliance	RoHS; CE (Europe); IEEE 802.1p CoS/QoS; IEEE 802.3 10Base-T; IEEE 802.3 Auto-Negotiation; IEEE 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3at PoE+; IEEE 802.3az (Energy Efficient Ethernet); IEEE 802.3u 100Base-TX/FX; IEEE 802.3x Flow Control; IEEE 802.3z 1000Base-SX/LX; REACH; FCC (USA); Trade Agreements Act (TAA)	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	3-year limited warranty	

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