5-Port Unmanaged Industrial Gigabit Ethernet Switch - 10/100/1000 Mbps, PoE+ 30W, -10° to 60°C, DIN Mount, TAA

MODEL NUMBER: **NGI-U05POE4**



Industrial-grade switch expands Ethernet connectivity to factory floors and other environments with space constraints and wide temperature ranges.

Features

5-Port Unmanaged Gigabit Ethernet Switch Connects Your Devices to a LAN
This space-saving Power over Ethernet (PoE) switch transmits both power and data over a Gigabit Ethernet network. Five auto-negotiating 10/100/1000 Mbps ports send data only to the devices designated to receive it, which improves the efficiency and potential throughput of the network.

PoE+ Ports Deliver Power to Devices Without Access to AC Outlets
This unmanaged switch features four PoE ports capable of powering compatible devices, such as cameras, sensors, clocks, digital signage and wireless access points, without the need to run separate power lines or install the devices near an AC outlet. The NGI-U05POE4 provides PoE+ compatibility up to 30W per PoE port and a PoE budget of 120W.

Ruggedized Metal Housing Built to Last in Harsh Environments
The compact NGI-U05POE4 adds 10/100/1000 Mbps Gigabit Ethernet capacity to your industrial and commercial applications, such as factory floors, warehouse operations and other environments with space constraints and wide temperature ranges. The industrial-grade high-strength case withstands vibration, shock and free fall. It can also operate in extreme temperatures ranging from -10 to 60 degrees Celsius (14 to 140 degrees Fahrenheit).

Unmanaged Switch Requires Little to No Configuration
Quickly connect your network devices with little to no configuration. LEDs indicate when the switch is powered on and which Ethernet ports are showing activity. The NGI-U05POE4 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. IEEE 802.3x flow control allows smooth transmission of large files.

Works with the Most Popular Web Browsers
The NGI-U05POE4 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-U05POE4 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 device may be DIN mounted using the pre-installed rail clip, which mounts firmly to any standard 35

Highlights

- 5 auto-negotiable 10/100/1000 Mbps RJ45 ports connect devices over a LAN
- 4 PoE+ ports deliver up to 30W each with a 120W total PoE budget
- Industrial-grade switch supports operating temperature range of -10° to 60°C
- Plug-and-play operation with no software or configuration required before use
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Applications

- Expand reliable Gigabit Ethernet connectivity to factory floors and outdoor environments with space constraints and wide temperature ranges
- Deliver power to PoE devices, including security cameras and wireless access points, mounted in areas that are difficult to reach or have no electrical outlets

Package Includes

- NGI-U05POE4 5-Port Unmanaged Industrial Gigabit Switch
- DIN rail-mounting clip (pre-installed)
- Owner’s manual

mm DIN rail. Providing seamless operation in the event of power dips or failures, the switch features a 2-pin 24–57VDC terminal block power input to help prevent unnecessary downtime. Device power must be supplied by SELV circuit.

TAA-Compliant for GSA Schedule Purchases
The NGI-U05POE4 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	037332266033
Product Type	Industrial-Grade Switch
INPUT	
Maximum Input Amps Details	Maximum of 6A
Voltage Compatibility (VDC)	24-57
Power Source	2-Pin Terminal Block
POWER	
Power Consumption (Watts)	14.00
Power Consumption Detail	14w
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	1- PWR(Green): for Power, 2- PoE1~4 (Green): for supplying power to PD device, 3- 1000(Green): for Ethernet speed 1000Mbps, 4- LNK/ACT(Green): for data transmitting/receiving
PHYSICAL	
Primary Form Factor	DIN-Rail
Color	Black
Material of Construction	Metal casing
Form Factors Supported	DIN-Rail Mountable
Shipping Dimensions (hwd / in.)	6.20 x 23.29 x 23.29
Unit Dimensions (hwd / in.)	1.970 x 6.300 x 4.720
Unit Dimensions (hwd / cm)	16 x 5 x 11.93
Unit Weight (lbs.)	1.90
Unit Weight (kg)	0.86
ENVIRONMENTAL	
Operating Temperature Range	14° to 140°F (-10° to 60°C)
Storage Temperature Range	-40° to 185°F (-40° to 85°C)

Relative Humidity	5% to 95% (Non-Condensing)
Operating Elevation (m)	2000
ESD Protection	±8kV air discharge / ±4kV contact discharge
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable
Switching Capacity	10 Gpbs
Switching Capacity Details	1 Gbps per port with full duplex
CONNECTIONS	
Number of Ports	5
Ports	5
Ports Detail	10/100/1000Mbps
SFP Uplink Ports	0
SFP Uplink Ports Detail	NA
PoE Power Budget (Watts)	120
PoE Port Description	30W maximum per port
PoE Supported Ports	4
Network Switch Ports	(5) 10/100/1000 (RJ45)
PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)
FEATURES & SPECIFICATIONS	
Jumbo Frames	10000
Console Port	No
MAC Auto Learning	Yes
MAC Addresses	8000
RMON	No
SNMP	No
Storm Control	Yes
DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
Fans (Type/Quantity)	Fanless
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); IEEE 802.1p Class of Service (Europe); IEEE 802.3 10Base-T; IEEE 802.3 Auto-Negotiation; IEEE 802.3ab 1000Base-T; IEEE 802.3af PoE; IEEE 802.3at PoE+; IEEE 802.3u 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

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2024 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.