

4-Port Unmanaged Industrial Gigabit Ethernet Switch - 10/100/1000 Mbps, 4x PoE+ 30W, 2x SFP Ports, -10° to 60°C, DIN Mount, TAA

MODEL NUMBER: NGI-U04C2P4-4



Industrial-grade PoE networking for outdoor or harsh environments.

Features

4-Port Unmanaged Gigabit Ethernet Switch Connects Your Devices to a LAN

This space-saving switch transmits both power and data over a Gigabit Ethernet network. Four auto-negotiating 10/100/1000 Mbps ports with Power over Ethernet (PoE) 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. Two GbE SFP slots uplink data to other switches via optical fiber. With a 10 Gbps switching capacity, store-and-forward architecture and an 8K MAC address table, the NGI-U04C2P4-4 ensures fast, reliable data transmission for industrial networks.

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

This switch features four PoE ports capable of powering compatible PoE appliances, such as cameras, sensors, clocks, digital signage and wireless access points, without the expense and effort of running separate power lines or installing the devices near an AC outlet. The NGI-U04C2P4-4 provides PoE+ compatibility up to 30W per port and a PoE budget of 120W with 48–57 VDC input to satisfy your demand for high-power network devices.

Protective Metal Housing Built to Last in Harsh Environments

The hardened NGI-U04C2P4-4 adds 10/100/1000 Mbps Gigabit Ethernet capacity to production environments, telecommunication applications, security systems and building management systems that demand high bandwidth convergence, as well as other environments with space constraints and wide temperature ranges. The IP30 industrial-grade 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 Configuration

Instantly connect your network devices with little configuration. The NGI-U04C2P4-4 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 IEEE 802.3af/at PoE, 802.3az Energy Efficient Ethernet and 802.1p QoS for optimized traffic handling and reduced energy consumption. A DIP switch supports an alarm relay output to which you can connect an alarm light or buzzer.

Works with the Most Popular Web Browsers

The NGI-U04C2P4-4 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-U04C2P4-4 accommodates most platforms. Preferred web browsers

Highlights

- 4 auto-negotiable RJ45 and 2 SFP uplink ports connect industrial devices over a LAN
- PoE+ ports deliver up to 30W each for IP cameras, wireless APs and IoT devices
- Industrial grade with IP30 housing supports temperatures ranging from -10° to 60°C
- Plug-and-play operation with no software and little configuration required before use
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- NGI-U04C2P4-4 4-Port Unmanaged Industrial Gigabit Ethernet Switch
- DIN rail-mounting clip (pre-installed)
- Terminal block (pre-installed)
- RJ45 and SFP port dust caps (to protect unused ports)
- Quick Start Guide

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. A 6-pin 48–57VDC terminal block supplies redundant power input to ensure continuous operation.

TAA-Compliant for GSA Schedule Purchases

The NGI-U04C2P4-4 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	037332297204
Product Type	Gigabit PoE Industrial Ethernet Switch
INPUT	
Maximum Input Amps Details	6A
Voltage Compatibility (VDC)	48–57VDC
Redundancy - Dual Power Inputs	Yes
Power Source	6-Pin Terminal Block
POWER	
Power Consumption (Watts)	13.00
CONNECTIONS	
Number of Ports	6
Ports	4
SFP Uplink Ports	2
PoE Capability	30W (802.3at)
PoE Power Budget (Watts)	120
PoE Port Description	4 x 10/100/1000BASE-T (PoE RJ45)
PoE Supported Ports	4
Network Switch Ports	10/100/1000 (RJ45)
PoE Type	Type 2 PoE+ (30W, IEEE 802.3at)
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	<ul style="list-style-type: none"> -PWR(Green): for Power -ALM(Red): for PWR & RPS fails -RPS(Green): for Power by terminal block RPS -PoE 1~4 th (Green): for supplying power to PD device -1000 1~4 th (Green): for Ethernet speed 1000Mbps -LNK/ACT 1~4th (Green): for data transmitting/receiving -SFP 5~6th (Green): for speeds at 1000Mbps



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TRIPP LITE
SERIES

PHYSICAL	
Primary Form Factor	DIN-Rail
Color	Black
Material of Construction	Metal
Form Factors Supported	DIN-Rail Mountable
Included Mounting Accessories	Yes
Shipping Dimensions (hwd / in.)	2.44 x 9.17 x 7.20
Shipping Dimensions (hwd / cm)	6.20 x 23.29 x 18.29
Shipping Weight (lbs.)	2.20
Shipping Weight (kg)	1.00
Unit Dimensions (hwd / in.)	6.300 x 1.970 x 4.720
Unit Dimensions (hwd / cm)	16 x 5 x 11.99
Unit Weight (lbs.)	0.92
Unit Weight (kg)	0.42
ENVIRONMENTAL	
Operating Temperature Range	-40°F to 167°F (-40°C to 75°C)
Storage Temperature Range	-40° to 185°F (-40° to 85°C)
Relative Humidity	5% to 95% (Non-Condensing)
ESD Protection	±8kV air discharge / ±4kV contact discharge
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit)
Network Compatibility Details	Auto-negotiable
Switching Capacity	12Gbps
Switching Capacity Details	1Gbps Per Port with Full Duplex
FEATURES & SPECIFICATIONS	
DIN Mountable	Yes
Jumbo Frames	10
OSI Layer	Layer 2
MAC Auto Learning	Yes
MAC Addresses	8
RMON	No
SNMP	No
Storm Control	Yes



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DHCP Snooping	No
Auto MDI/MDIX Crossover Detection	Yes
Fans (Type/Quantity)	Fanless
STANDARDS & COMPLIANCE	
Product Compliance	CE (Europe); IEEE 802.3 10Base-T; 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; RoHS; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	3-year limited warranty

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