NSM-205GP *NEW*

4G+1G Combo Port Gigabit Unmanaged Ethernet Switch with 4 IEEE 802.3af/at PoE+ ports

TP/SFP Combo x 1	PoE + LAN x 4	-40 ~ +75 Wide Temperature	DIN-Rail Mount	CE	FCC	RoHS	WEEE

Features ▶▶▶▶

- Full Gigabit Ethernet ports
- 4 PoE/PoE+ PSE capable ports, fully compliant to IEEE 802.3af/at
- 24/48 V$_{DC}$ flexible redundant power inputs
- Supports 10 KB jumbo frames
- Pluggable SFP transceiver port
- Supports Auto Negotiation and Auto MDI/MDI-X

- Supports Dual +18 ~ 55 VDC power input and 1 relay output
- Supports operating temperatures from –40 ~ +75°C
- Slim packaging fits on your DIN-Rail Mounting
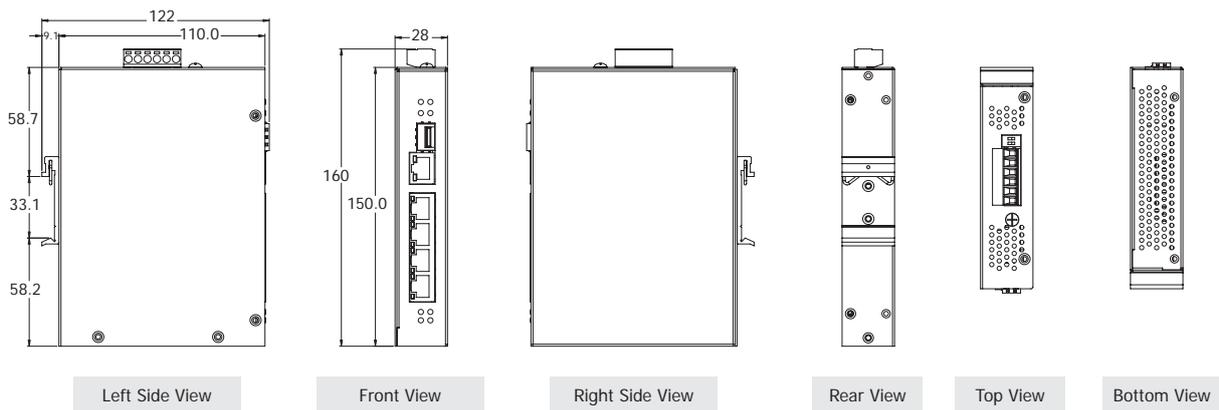
Introduction

The NSM-205GP is 5-port unmanaged full Gigabit Ethernet switch supporting Power-over-Ethernet on ports 1 to 4. The switch is classified as power source equipment (PSE), and when used in this way, the NSM-205GP switch enable centralization of the power supply, providing up to 30 watts. The NSM-205GP can be used to power IEEE 802.3af/at standard devices (PD).Voltage boost technology supports 24V industrial power sources ensuring that a full and proper PSE voltage is available across all PoE ports.

Specifications

Technology	
Standards	IEEE 802.3 for 10Base-T
	IEEE 802.3u for 100Base-TX
	IEEE 802.3ab for 1000Base-T
	IEEE 802.3x for Flow Control
	IEEE 802.3af Power Over Ethernet
	IEEE 802.3at Power Over Ethernet
	Energy Efficient Ethernet (EEE) as per 802.3az; this provides power savings during idle network activity
Processing Type	Store & forward; wire speed switching
MAC Addresses	8K
Memory Bandwidth	10 Gbps
Frame Buffer Memory	1 Mbit
Jumbo Frames	10K for Speed 1000M
Flow Control	IEEE 802.3x flow control, back pressure flow control

Interface	
RJ-45 Ports	10/100/1000 BaseT(X), 10/100BaseT(X) auto negotiation speed, full/half duplex mode, and auto MDI/MDI-X connection
Fiber Port	1000BaseSFP slot/100BaseSFP slot
LED Indicators	PWR1, PWR2, Power fail, 10/100M, 1000M, Link/Act, Power Device is detected
Ethernet Isolation	1500 V$_{rms}$ 1 minute
DIP Switch	100BaseSFP/1000BaseSFP and PoE/PoE+ setting
Power Input	
Redundant Input Range	Flexible input +24/+48 V$_{DC}$ Nominal. (+18 ~ +55 V$_{DC}$)
Power Consumption	0.13@ 48 V$_{DC}$ without PD loading; 3.1 A @ 48 V$_{DC}$ with PD full loading (30 W per ports)
	0.25@ 24 V$_{DC}$ without PD loading; 6.2 A @ 24 V$_{DC}$ with PD full loading (30 W per ports)
Alarm Contact	One relay output with current carrying capacity of 1A @ 30 V$_{DC}$
Protection	Power reverse polarity protection
Connector	6-Pin Removable Terminal Block (Power & Relay)
Mechanical	
Chassis	Metal with an IP30 ingress protection rating
Dimensions (W x L x H)	28 mm x 160 mm x 122 mm
Installation	DIN-Rail or Wall Mounting (with optional kit)
Environment	
Operating Temperature	-40 °C ~ + 75 °C (-40° F to 167° F)
Storage Temperature	-40 °C ~ + 85 °C (-40 F to 185° F)
Ambient Relative Humidity	10 ~ 90% RH, non-condensing

Dimensions (Units: mm)

| Left Side View | Front View | Right Side View | Rear View | Top View | Bottom View |

Ordering Information

NSM-205GP CR	4G+1G Combo Port Gigabit Unmanaged Ethernet Switch with 4 IEEE 802.3af/at PoE+ ports (RoHS)

Applications

Accessories

DR-120-48	48 V/2.5 A, 120 W Single Output Industrial DIN Rail Power Supply
MDR-60-48	48 V/1.25 A, 60 W Single Output Industrial DIN Rail Power Supply
DR-120-24	24V/5 A, 120 W Single Output Industrial DIN Rail Power Supply
SDR-240-24	24 V/10 A, 240 W Single Output Industrial DIN Rail Power Supply with PFC Function
SFP-1G85M-SX	Multi-mode 850 nm, 0.5 km SFP module
SFP-1G13M-SX2	Multi-mode 1310 nm, 2 km SFP module
SFP-1G13S-LX	Single-mode 1310 nm, 10 km SFP module
SFP-1G13S-LX20	Single-mode 1310 nm, 20 km SFP module
SFP-1G13S-LHX	Single-mode 1310 nm, 40 km SFP module
SFP-1G15S-XD	Single-mode 1550 nm, 60 km SFP module

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Unmanaged Ethernet Switches