

NSM-205G-1SFP

4G+1G Combo Port Gigabit Unmanaged Ethernet Switch



Features ▶▶▶▶

- Full Gigabit Ethernet ports
- 10 Gbps high performance memory bandwidth
- Supports Auto Negotiation and Auto MDI/MDI-X
- Pluggable SFP transceiver port for extending distance and electrical noise immunity
- Supports 10 KB jumbo frames
- Supports Dual +12 Vdc ~ +48 Vdc power input and 1 relay output
- Supports operating temperatures from -40 °C ~ +75 °C
- Slim packaging fits on your DIN-Rail Mounting

Introduction

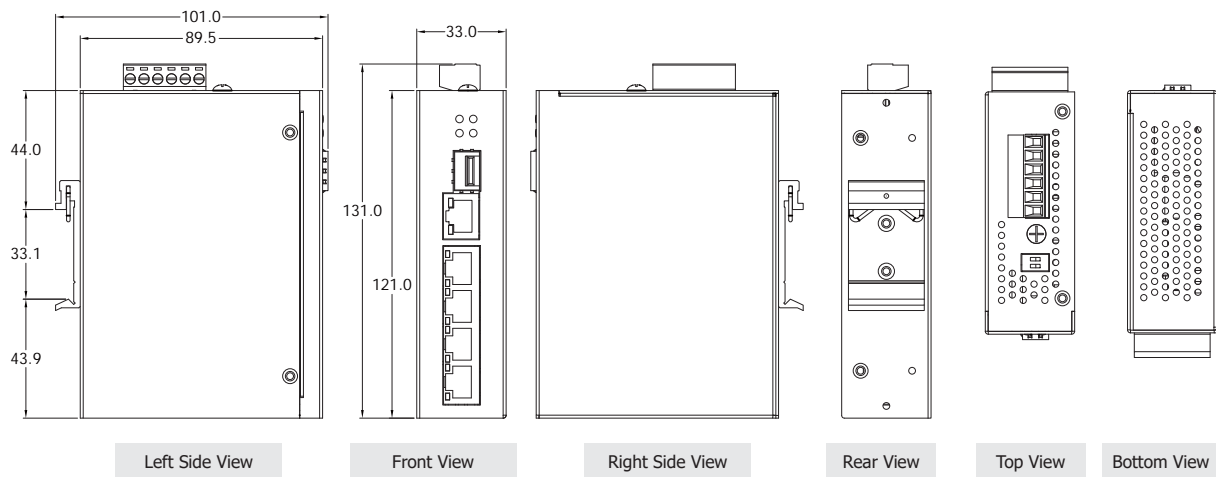
The NSM-205G-1SFP switch is equipped with 5 Gigabit Ethernet ports, respectively, and 1 fiber optic ports, making them ideal for applications that demand high bandwidth. In addition, the add-on DIP switch can be used for controlling over the functions of 100/1000 SFP speed switching is ideal for easy on-site configuration.

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 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
Fiber Port	1000BaseSFP slot/100BaseSFP slot
LED Indicators	PWR1, PWR2, Power fail, 10/100M, 1000M, Link/Act
Ethernet Isolation	1500 Vrms 1 minute
DIP Switch	100BaseSFP/1000BaseSFP setting

Power	
Redundant Input Range	+12 VDC ~ +48 VDC
Power Consumption	0.15 @ 24 VDC
Alarm Contact	One relay output with current carrying capacity of 1A @ 30 Vdc
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)	33 mm x 131 mm x 101 mm
Installation	DIN-Rail or Wall Mounting (with optional kit)
Environmental	
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)



Ordering Information

NSM-205G-1SFP CR	Gigabit Ethernet switch with 4 10/100/1000BaseT(X) ports and 1 combo 10/100/1000BaseT(X) or 100/1000BaseSFP port
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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	24 V/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

