

NSM-208GP

Unmanaged 8-Port GbE PoE(PSE) Switch
with +24VDC Input

Features

- Supports +24~+53VDC redundant power input
- IEEE802.3at PoE, per port supply up to 30W

Introduction

The NSM-208GP is 8 port GbE PoE (Power over Ethernet) Switch, Supports auto-negotiation, flow control and auto MDI/MDI-X function, providing up to 30W per port and independent PoE status LED can easily and quickly eliminate abnormalities.

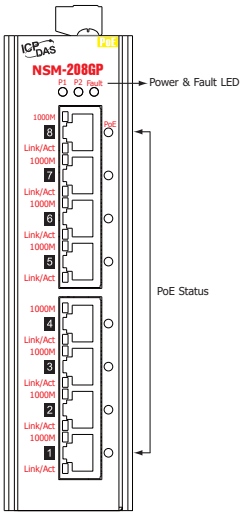
NSM-208GP features redundant & boost power design for use PoE application without 48V Power supply.

Specifications

EMS Protection	
EFT (IEC 61000-4-4)	± 1 kV
ESD (IEC 61000-4-2)	± 4 kV Contact
LED Indicators	
Status	P1, P2, Fault, Link/Act, 1000M, PoE
Ethernet	
Ports	8 x RJ-45, 10/100/1000 Base-T
Standards	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) IEEE 802.3ab for 1000BaseT(X) IEEE 802.3x for flow control IEEE 802.3af/at for PoE
Processing Type	Store & forward
MAC Table	4 K
Frame Buffer Memory	1.5 Mbit
Jumbo Frames	9 K
Isolation	1500 Vrms 1 minute
PoE Technology	
PoE Compliance	100% IEEE 802.3at compliant
PoE Power	Up to 30 watts per port
PoE Pin Assignments	V+ (Pin 1, 2), V- (Pin 3, 6), Alternative A
PoE Voltage	+52 VDC
Power	
Reverse Polarity Protection	Yes
Input Range	+24 ~ 53 VDC Redundant dual Input
Redundant Power Inputs	Yes
Consumption	0.20 A @ 24 VDC without PD loading
Alarm Output	Yes, Relay 1 A @ 30 VDC
Mechanical	
Casing	Metal
Dimensions (mm)	42 x 164 x120 mm
Installation	DIN-rail mounting or wall mounting (optional)
Environment	
Operating Temperature	-25 °C ~ +75 °C
Storage Temperature	-40 °C ~ +85 °C
Humidity	10% ~ 90% RH, non-condensing

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LED Indicator Functions

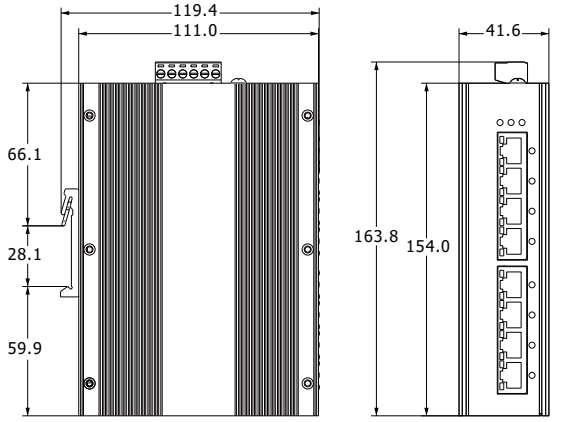


LED	Color	Description
P1	Green On	Power is being supplied to power input PWR1
P2	Green On	Power is being supplied to power input PWR2
Fault	Green On	Power fail & Alarm relay close
PoE	Red	Power Device is detected
Ethernet Port	Green On	Link/Act
	Orange On	Link to 1000 Mbps

Pin Function for Terminal Block

Pin	Function	Description
1	PWR1	24 ~ 53 VDC for Power1
2	GND	Power Ground
3	PWR2	24 ~ 53 VDC for Power2
4	GND	Power Ground
5	RL_COM	Power alarm relay Relay close for PWR1 or PWR2 is fault
6	RL_NO	

Dimensions (Units: mm)



Left Side View

Front View

Ordering Information

NSM-208GP CR	Unmanaged 8-Port GbE PoE(PSE) Switch with +24VDC Input (RoHS)

Accessories (Optional)

SDR-240-24 CR	Power Supply, 88~264 VAC to 24 VDC/10 A, 240 W, DIN-rail mounting (RoHS)
ASO-0015 CR	Wall Mount Kit (W:28mm) (RoHS)

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