





NSM-208PSE NSM-208PSE-4

8-port Industrial 10/100 Mbps Ethernet

₱ Features ■ Each port supports both 10/100 Mbps speed auto negotiation Full duplex IEEE 802.3x and half duplex backpressure flow control Auto-detection of PD (powered devices) and automatic power management Over-temperature, over-current and over/under-voltage detection Automatic MDI/MDI-X crossover for plug-and-play ■ Store-and-forward architecture









Introduction

The NS-208PSE/NS-208PSE-4 is an 8-port unmanaged PoE (Power over Ethernet) Industrial Ethernet switch, it supports 8/4 PoE ports which are classified as power source equipment (PSE). The NS-208PSE/NS-208PSE-4 makes centralized power supply come true and provides up to 15.4 W of power per port. The NS-208PSE/NS-208PSE-4 can be used to power IEEE802.3af compliant powered devices (PD) by Ethernet cable and eliminates the need for additional power wiring.

The NS-208PSE/NSM-208PSE is exactly the same as the NS-208PSE-4/NSM-208PSE-4, except for the PoE ports.

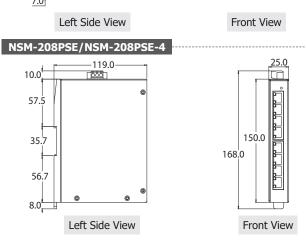
Specifications

Model	NS-208PSE	NSM-208PSE	NS-208PSE-4	NSM-208PSE-4	
LED Indicators					
Status	Power, Link/Act, Power Device is detected				
Ethernet					
Ports	8 x RJ-45, 10/100Base-TX				
Standards	IEEE 802.3, 802.3u, 802.3x ,802.3af (Power over Ethernet)				
Processing Type	Store & forward; wire speed switching				
MAC Table	2048				
Frame Buffer Memory	768 Kbit				
Flow Control	IEEE 802.3x flow control, back pressure flow control				
Isolation	1500 Vrms 1 minute				
PoE Technology					
PoE Compliance	100% IEEE 802.3af compliant				
PoE Power	Up to 15.4 watts per chann	nel			
PoE Operation	Automatic detection and p	ower management			
PoE Pin Assignments	V+ (Pin 1, 2), V- (Pin 3, 6)				
PoE Disconnect Mode	DC disconnect				
PoE Voltage	+46 ~ +55 VDC depending on power input				
Power					
Reverse Polarity Protection	Yes				
Input Range	+46 ~ +55 VDC for PoE output				
Consumption	0.1 A @ 48 VDC without PD loading 2.8 A @ 48 VDC with PD full loading		0.09 A @ 48 VDC without PD loading 1.45 A @ 48 VDC with PD full loading		
Mechanical					
Casing	Plastic	Metal	Plastic	Metal	
Dimensions (mm)	31 x 157 x 113 (W x L x H)	25 x 168 x 119 (W x L x H)	31 x 157 x 113 (W x L x H)	25 x 168 x 119 (W x L x H)	
Installation	DIN-Rail Mounting				
Environment					
Operating Temperature	-40 °C ~ +75 °C				
Storage Temperature	-40 °C ~ +85 °C				
Humidity	10% ~ 90% RH, non-condensing				

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■ Dimensions (Units: mm)

NS-208PSE/NS-208PSE-4 9.8 52.2 35.6 52.2 Left Side View Front View



Applications



■ Ordering Information

NS-208PSE CR	8-port Industrial 10/100 Mbps Ethernet with 8-PoE (PSE) Switch (RoHS)		
NS-208PSE-4 CR	8-port Industrial 10/100 Mbps Ethernet with 4-PoE (PSE) Switch (RoHS)		
NSM-208PSE CR	8-port Industrial 10/100 Mbps Ethernet with 8-PoE (PSE) Switch; Metal Casing (RoHS)		
NSM-208PSE-4 CR	8-port Industrial 10/100 Mbps Ethernet with 4-PoE (PSE) Switch; Metal Casing (RoHS)		

Accessories

MDR-60-48 CR	Power Supply, 85~264 VAC to 48 VDC/1.25 A, 60 W, DIN-rail mounting (RoHS)	
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