



**NS-208PSE  
NS-208PSE-4**

8-port Industrial 10/100 Mbps Ethernet



**NSM-208PSE  
NSM-208PSE-4**

## 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.

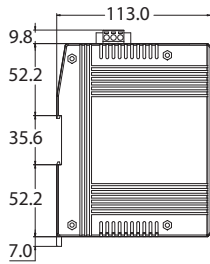
The NS-208PSE/NSM-208PSE is exactly the same as the NS-208PSE-4/NSM-208PSE-4, except for the PoE ports.

## Specifications

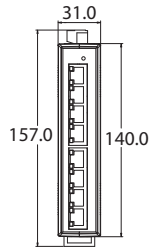
Model	NS-208PSE	NSM-208PSE	NS-208PSE-4	NSM-208PSE-4
<b>LED Indicators</b>				
Status	Power, Link/Act, Power Device is detected			
<b>Ethernet</b>				
Ports	8 x RJ-45, 10/100Base-TX			
Standards	IEEE 802.3, 802.3u, 802.3x, 802.3af (Power over Ethernet)			
Processing Type	Store & forward; wire speed switching			
MAC Table	2048			
Frame Buffer Memory	768 Kbit			
Flow Control	IEEE 802.3x flow control, back pressure flow control			
Isolation	1500 Vrms 1 minute			
<b>PoE Technology</b>				
PoE Compliance	100% IEEE 802.3af compliant			
PoE Power	Up to 15.4 watts per channel			
PoE Operation	Automatic detection and power 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			
<b>Power</b>				
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	
<b>Mechanical</b>				
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			
<b>Environment</b>				
Operating Temperature	-40 °C ~ +75 °C			
Storage Temperature	-40 °C ~ +85 °C			
Humidity	10% ~ 90% RH, non-condensing			

## ■ Dimensions (Units: mm)

### NS-208PSE/NS-208PSE-4

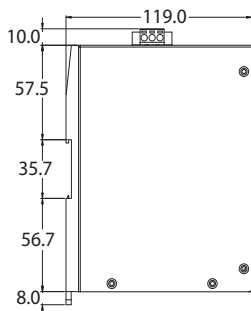


Left Side View



Front View

### NSM-208PSE/NSM-208PSE-4

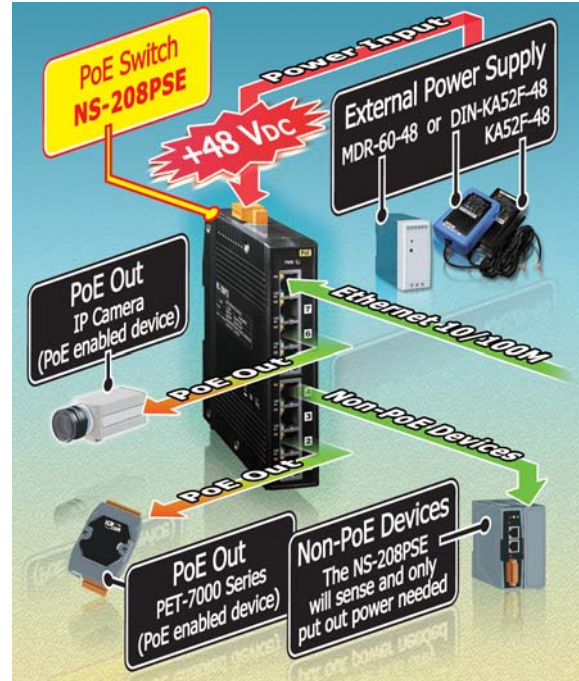


Left Side View



Front View

## ■ Applications



## ■ Ordering Information

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

## ■ Accessories

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