



**NS-205PSE-24V NSM-205PSE-24V NSM-208PSE-24V**

5(8)-port 10/100 Mbps PoE (PSE) Ethernet Switch with +24 VDC Input

### Features

- Full duplex IEEE 802.3x and half duplex backpressure flow control
- Each port supports both 10/100 Mbps speed auto negotiation
- Power Inputs +18 VDC ~ +32 VDC For NS-205PSE-24V/ NSM-205PSE
- Power Inputs +18 VDC ~ +55 VDC For NSM-208PSE-24V
- Automatic MDI/MDI-X crossover for plug-and-play
- Store-and-forward architecture
- 3.2 Gbps high performance memory bandwidth
- IEEE 802.3af compliant PoE ports



### Introduction

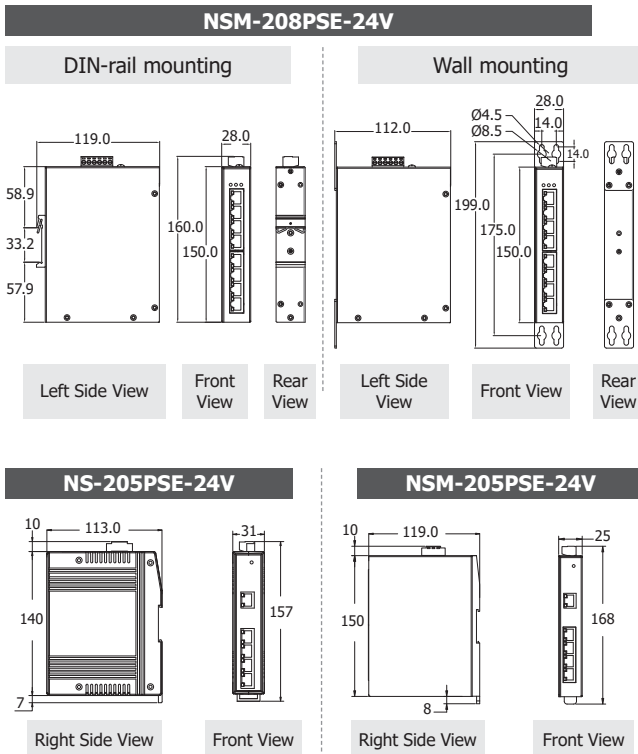
The NS-205PSE-24V/NSM-205PSE-24V is a 5-port unmanaged PoE (Power over Ethernet) Industrial Ethernet switch; it supports 4 PoE ports which are classified as power source equipment (PSE). The NSM-208PSE-24V/NS-205PSE-24V/NSM205PSE-24V makes centralized power supply come true and provides up to 15.4 watts of power per PSE port.

Ethernet switches are designed with +24 VDC to +48 VDC boost for PoE application where +48 VDC power supply is not available.

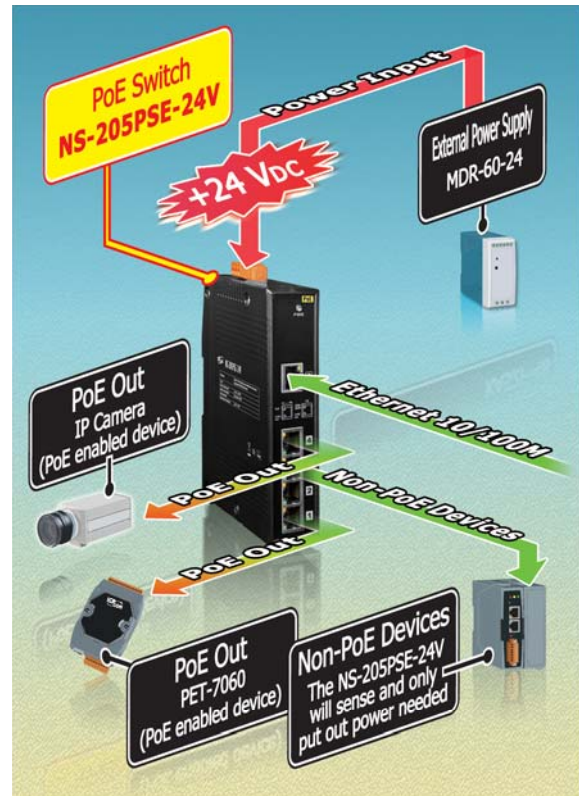
### Specifications

Model	NS-205PSE-24V	NSM-205PSE-24V	NSM-208PSE-24V
<b>LED Indicators</b>			
Status	Power, Link/Act, 10/100M, Power Device is detected		
<b>Ethernet</b>			
Ports	5 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	1024		
Memory Bandwidth	3.2 Gbps		
Frame Buffer Memory	512 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	+48 VDC depending on power input		
<b>Power</b>			
Reverse Polarity Protection	Yes		
Input Range	+18 VDC ~ +32 VDC	+18 VDC ~ +55 VDC	
Consumption	0.24 A @ 24 VDC without PD loading 3.2 A @ 24 VDC with PD full loading	0.28 A @ 24 VDC without PD loading 6.1 A @ 24 VDC with PD full loading	
Alarm Output	-	Yes, Relay 2 A @ 30 VDC	
<b>Mechanical</b>			
Casing	Plastic	Metal	
Dimensions (mm)	31 x 157 x 113 (W x L x H)	25 x 168 x 119 (W x L x H)	DIN-rail mounting: 28 x 160 x 119 (W x L x H) Wall mounting: 28 x 199 x 112 (W x L x H)
Installation	DIN-Rail Mounting		DIN-rail mounting or wall mounting (optional)
Ingress Protection Rating	IP30		
<b>Environment</b>			
Operating Temperature	-40 °C ~ +75 °C		
Storage Temperature	-40 °C ~ +85 °C		
Humidity	10% ~ 90% RH, non-condensing		

## ■ Dimensions (Units: mm)



## ■ Applications



## ■ Ordering Information

<b>NS-205PSE-24V CR</b>	Unmanaged 5-port 10/100 Mbps PoE (PSE) Ethernet Switch; +24 VDC Input (RoHS)
<b>NSM-205PSE-24V CR</b>	Unmanaged 5-port 10/100 Mbps PoE (PSE) Ethernet Switch with Metal Casing; +24 VDC Input (RoHS)
<b>NSM-208PSE-24V CR</b>	Unmanaged 8-port 10/100 Mbps PoE (PSE) Ethernet Switch with Metal Casing; +24 VDC Input (RoHS)

## ■ Accessories

<b>ASO-0015 CR</b>	Wall Mount Kit (W:28mm) (RoHS)
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