

# NSM-206PSE

6-port 10/100 Mbps PoE(PSE) Ethernet

## NSM-206PF Series

Unmanaged 4-Port 10/100 Mbps PoE(PSE) with 2 Fiber Port



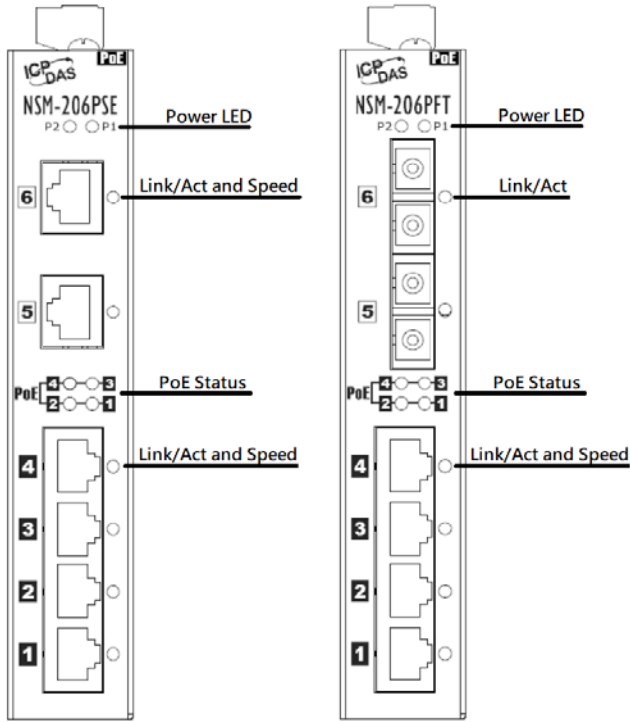
### Introduction:

The NSM-206PSE/NSM-206PF is 6-port unmanaged Ethernet switch supporting Power-over-Ethernet on ports 1 to 4. The switch is classified as power source equipment (PSE), and when used in this way, the NSM-206PSE/NSM-206PF switch enable centralization of the power supply, providing up to 30 watts. The NSM-206PSE/NSM-206PF can be used to power IEEE 802.3af/at standard devices (PD).

### Specifications:

MODELS	NSM-206PSE	NSM-206PFT	NS-206PFC	NS-206PFCS
<b>Technology</b>				
Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3x for Flow Control, Back Pressure Flow Control IEEE 802.3af Power Over Ethernet IEEE 802.3at Power Over Ethernet 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	2048			
Frame buffer memory	768 Kbit			
<b>Interface</b>				
RJ45 ports	6 x 10/100 Base-TX	4 x 10/100 Base-TX		
POE Pinout	V+ (pin 1, 2), V-(pin 3, 6) for Port1 ~ Port4			
Fiber Ports	--	2 Port Fiber ST		2 Port Fiber SC
LED Indicators	PWR1, PWR2, 10/100M, Link/Act, POE			
Ethernet Isolation	1500 Vrms 1 minute			
<b>Power</b>				
Input Voltage Range	12~57Vdc Redundant dual Input			
Power Consumption	0.15 A @ 24 VDC without PD loading, 5.8A @ 24VDC with PD full loading (30W per ports) 0.10 A @ 48 VDC without PD loading, 2.9A @ 48VDC with PD full loading (30W per ports)			
Power reverse polarity protection	Yes			
Connector	4-Pin Removable Terminal Block			
<b>Mechanical</b>				
Casing	Metal			
Dimensions (W x L x H)	28 mm x 150 mm x 119 mm			
Installation	DIN-Rail, wall mounting(optional)			
<b>Environmental</b>				
Operating Temperature	-40 ~ +75 °C			
Storage Temperature	-40 ~ +85 °C			
Ambient Relative Humidity	10% ~ 90% RH, non-condensing			

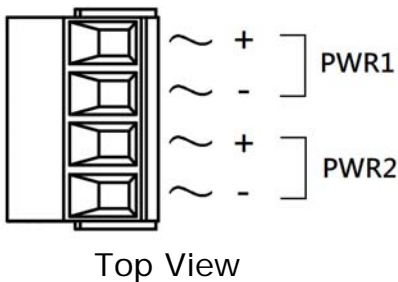
## LED Indicator Functions:



LED	COLOR	STATE	DESCRIPTION
PWR1	Yellow	On	Power is being supplied to power input PWR1
		Off	Power is not being supplied to power input PWR1
PWR2	Yellow	On	Power is being supplied to power input PWR2
		Off	Power is not being supplied to power input PWR2
Port1~4 Link/Act & speed	Amber	On	Link to 100Mbps
		Off	Link to 10Mbps
	Green	On	Link/Act
Port5~6 Link/Act & speed	Amber	On	Link to 100Mbps (for NS-206PSE only)
		Off	Link to 10Mbps(for NS-206PSE only)
	Green	On	Link/Act

## Pin Function for Terminal Block:

Pin	Function	Description
1	PWR1	Power1 input +12~+57VDC (V+)
2	GND1	Power1 GND (V-)
3	PWR2	Power2 input +12~+57VDC (V+)
4	GND2	Power2 GND (V-)



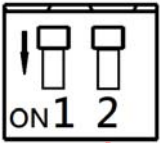
### **Redundant Power Input :**

Both power inputs can be connected simultaneously to live DC power sources. If one power source fails, the other live source will act as a backup, and automatically supplies all of NSM-206P Series power needs.

(if operating at high loading suggest used dual input power supply)

### **Broadcast Storm protection :**

NSM-206P Series has BSP(Broadcast Storm Protection) Function , this Function can protect your Ethernet device disturbed from Broadcast , If Switch detection Broadcast packet over 1K par second, Switch will drop the excess part to protect communication.

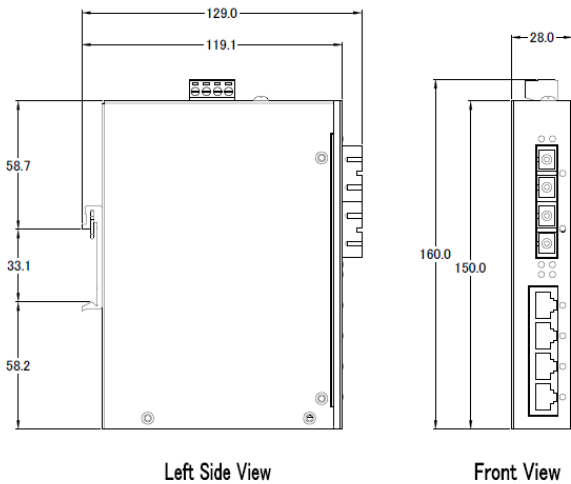


When the BSP Enable Switch is pressed, the models will running BSP function after restart the power

**BSP Enable**

### **Dimensions: (Units : mm)**

NSM-206PF Series :



NSM-206PSE :

