

# NS-208

## 8-Port Industrial Ethernet Switch



### Introduction

The NS-208 has 8 Ethernet Switching ports that support 10/100Base-T, with a 10/100M auto-negotiation feature and auto MDI/MDIX function. It can connect 8 workstations and automatically switches the transmission speed (10 Mbps or 100 Mbps) for corresponding connections.

The flow control mechanism is also negotiated. There is link/data rate LEDs for each port to aid trouble-shooting. Port connectors are shielded RJ-45.

### Features

- Automatic MDI / MDI-X crossover for plug-and-play
- Each port supports both 10/100 Mbps speed auto negotiation
- Store-and-forward architecture
- Full duplex IEEE 802.3x and half duplex backpressure flow control
- 2.0 Gbps high performance memory bandwidth.
- Supports +10 ~ +30V DC voltage
- Operating temperatures from -30 ~ +75 °C
- DIN rail mount for industrial usage

### Specifications

- Compatibility: IEEE 802.3, IEEE802.3u, IEEE802.3x
- Interface: 10/100 Base-T
- Port: 10/100 Mbps x 8 (Shielded RJ-45 Jack)
- Provides LEDs for network and power monitoring
- ESD Protection:  
4KV Contact Discharge  
4KV Air-Gap Discharge
- Cables:  
10 Base-T (Cat.3, 4,5 UTP cable; 100m Max.)  
100 Base-T (Cat.5 UTP cable; 100m Max.)
- Environment:  
Operating temperature: -30 ~ +75 °C  
Storage Temperature: -20 ~ +85 °C  
Relative Humidity: 10% to 90% non-condensing
- Dimensions: 64 x 110 x 97.5 mm (W x H x D)
- Power requirements: 10 to 30V DC (Removable Terminal Block)
- Low power consumption: 0.12A@24Vdc; +/- 5%, arrowed.

### Ordering Information

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