



### Features ▶▶▶▶

- Up to 2 Gigabit uplinks for high bandwidth data aggregation
- Supports Auto Negotiation and Auto MDI/MDI-X
- Supports Dual +12 ~ 48 V<sub>DC</sub> power input and 1 relay output
- Supports operating temperatures from -25 ~ +75°C

### Introduction

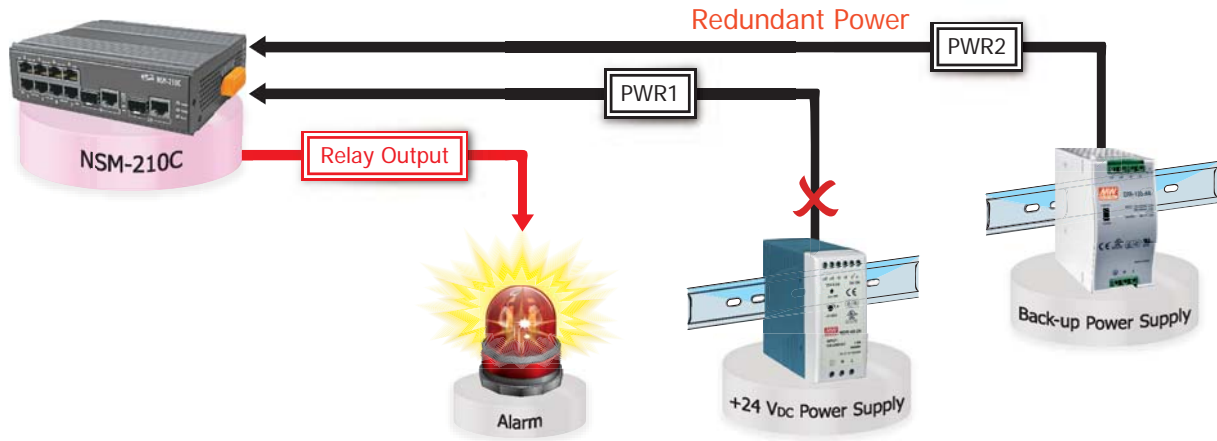
The NSM-210C is 8 Port 10/100 Base copper and 2 Gigabit fiber optic/copper combo port Ethernet Switch, Supports Auto Negotiation, Auto MDI/MDI-X, high-speed(100 Mbps) and high-distance transmissions . Apart from this, NSM-210C supports dual power and provides a wide +12 V<sub>DC</sub> ~ +48 V<sub>DC</sub> power range to fit all the common power standards found in industrial automation, without external power converters.

### Specifications

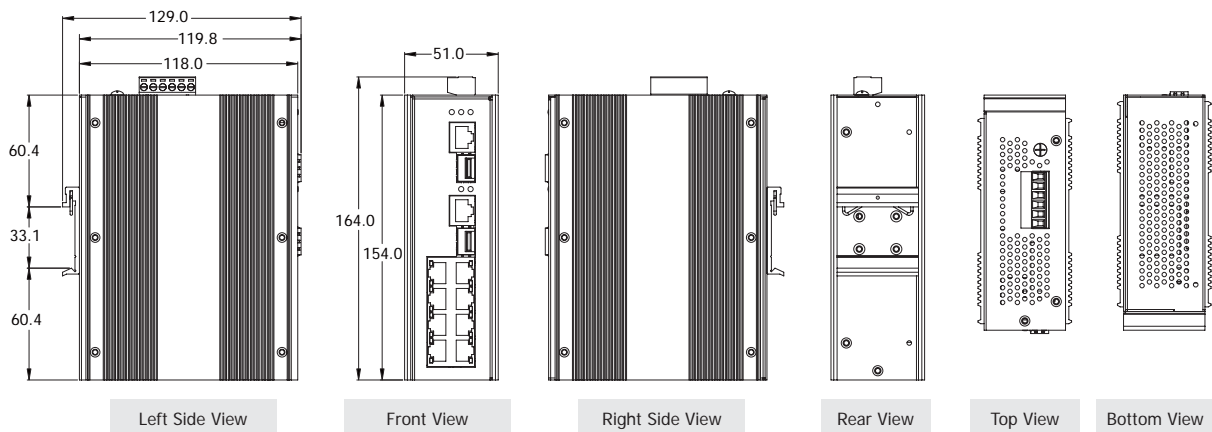
<b>Technology</b>	
<b>Standards</b>	IEEE 802.3 for 10Base-T, IEEE 802.3u for 100Base-TX, IEEE 802.3ab for 1000Base-T, IEEE 802.3x for Flow Control
<b>MAC Addresses</b>	8K
<b>Frame buffer memory</b>	1 Mbit
<b>Flow Control</b>	IEEE802.3x flow control, back pressure flow control
<b>Interface</b>	
<b>RJ-45 Ports</b>	8 x 10/100BaseT(X) , 2x 10/100/1000 BaseT(X) (Combo SFP) Auto negotiation speed, full/half duplex mode, and auto MDI/MDI-X connection
<b>Fiber Ports</b>	2 x 1000Base SFP slot
<b>LED Indicators</b>	PWR1, PWR2, FAULT, SFP & Gigabit Act, 8-Port 10/100 Link and Act
<b>Power Input</b>	
<b>Redundant Input Range</b>	+12 V <sub>DC</sub> ~ +48 V <sub>DC</sub> (Non-isolated)
<b>Power Consumption</b>	0.15A @ 24V <sub>DC</sub> idle without loading; 0.25A @ 24V <sub>DC</sub> with full loading
<b>Alarm Contact</b>	One relay output with current carrying capacity of 1A @ 30 V <sub>DC</sub>
<b>Mechanical</b>	
<b>Chassis</b>	Metal
<b>Dimensions (W x L x H)</b>	51 mm x 154 mm x 118 mm
<b>Installation</b>	DIN-Rail or Wall Mounting (with optional kit)
<b>Environmental</b>	
<b>Operating Temperature</b>	-25 °C ~ +75 °C
<b>Storage Temperature</b>	-40 °C ~ +85 °C
<b>Ambient Relative Humidity</b>	10% ~ 90% RH, non-condensing

### 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-210C series power needs.



### Dimensions (Units: mm)



### Ordering Information

NSM-210C CR	8+2G Combo Port Gigabit Unmanaged Industrial Ethernet Switch (RoHS)
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### Accessories

DR-120-48	48 V/2.5 A, 120 W Single Output Industrial DIN Rail Power Supply
MDR-60-48	48 V/1.25 A, 60 W Single Output Industrial DIN Rail Power Supply
DR-120-24	24V/5 A, 120 W Single Output Industrial DIN Rail Power Supply
SDR-240-24	24 V/10 A, 240 W Single Output Industrial DIN Rail Power Supply with PFC Function