

IGS-C1080-L



ORing WEB-site



Industrial 8-port Gigabit unmanaged switch with 8x10/100/1000Base-T(X)

Features

- 10/100/1000BaseT(X) auto-negotiation speed, full/half-duplex mode, auto MDI/MDI-X connection
- Store and forward switching process type
- IEEE 802.3x flow control
- IEEE 802.1p for Quality of Service (QoS) traffic prioritized function
- Broadcast storm protection to prevent network devices from crashing
- DIN-Rail enabled
- IP-40 protection class



Introduction

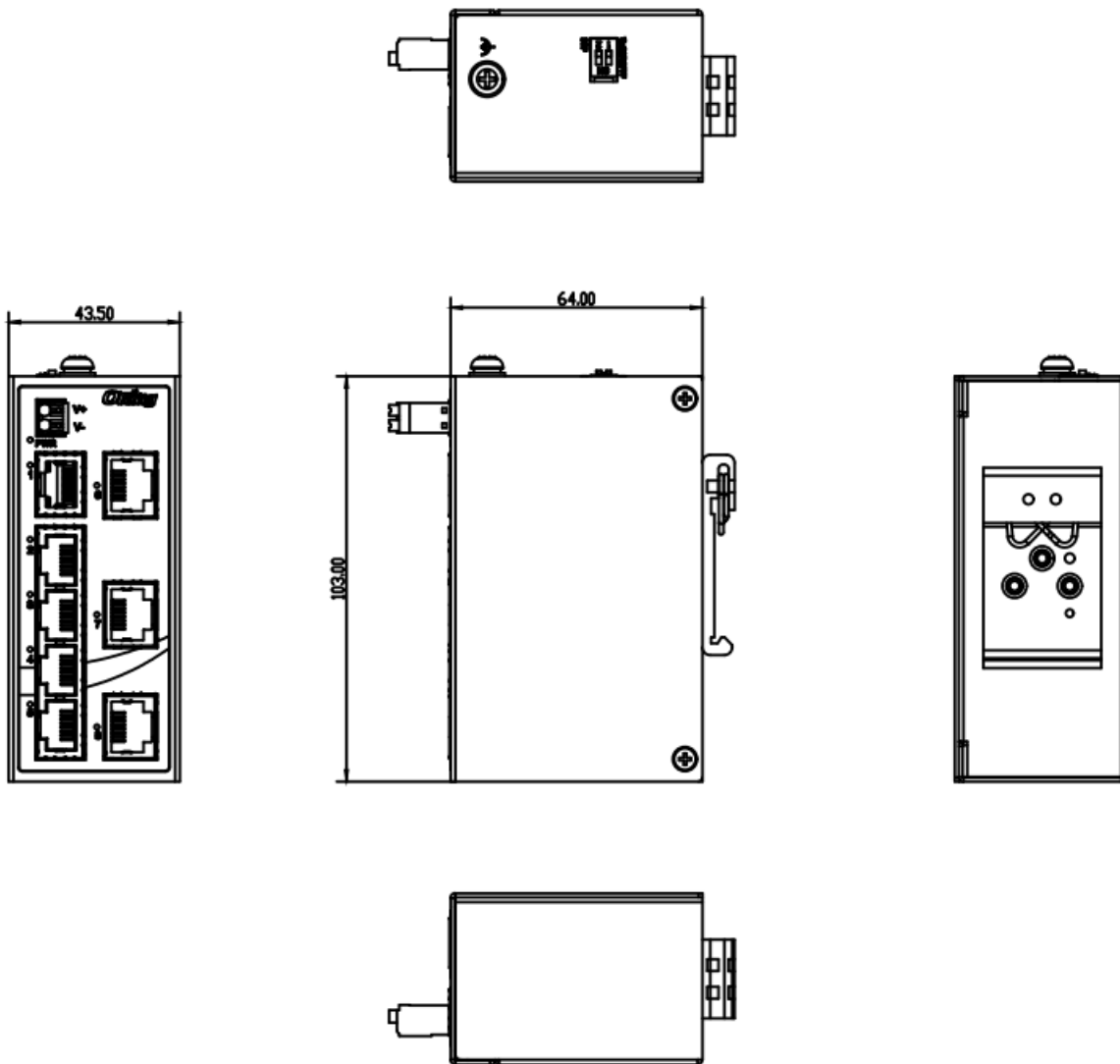
IGS-C1080-L is unmanaged Ethernet switches with 8 x 10/100/1000Base-T(X) ports RJ45 ports. The IGS-C1080-L also allows users to enable or disable broadcast storm protection, Multicast filter and Quality of Service (QoS) function via the DIP switches on the top panel.

The IGS-C1080-L is also compliant with PROFINET Conformation Class A (CC-A) and support DSCP QoS, making these switches suitable for PROFINET and Ethernet/IP networks.

In addition, the wide operating temperature ranges from -40°C to 75°C can satisfy most of operating environment. Therefore, the switch is one of the most reliable choices for Ethernet application.

Dimensions

Unit=mm



Specifications

ORing Switch Model	IGS-C1080-L
Physical Ports	
10/100/1000Base-T(X) Ports Auto MDI/MDIX	8
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3x for Flow control IEEE 802.1p for Quality of Service (QoS)
MAC Table	2K MAC address
Processing	Store-and-Forward
Switch Properties	Switching latency: <7 μs Switching bandwidth: 16Gbps

LED Indicators	
Power Indicator (PWR)	Green: Power LED x 1
10/100/1000 Base-T(X) Port Indicator	Amber for 10/100 Link/Act indicator: On for link-up, Off for link-down, Blinking for act. Green for 1000 Link/Act indicator: On for link-up, Off for link-down, Blinking for act.
Power	
Input Power	9.0~60VDC/24VAC (18~30 VAC) on 2-pin terminal block.
Power Consumption (Typ.)	4 Watts
Overload Current Protection	Present
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP-40
Dimension (W x D x H)	43.5 (W) x 64(D) x 103(H)mm 1.71 (W) x 2.52(D) x 4.06 (H) inch
Weight (g)	198g
Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-40 to 75°C (-40 to 167°F)
Operating Humidity	5% to 95% non-condensing
Regulatory Approvals	
EMC	CE EMC (EN 55035, EN 55032), FCC Part 15 B
EMI	EN 55032, EN 61000-6-4, CISPR32, EN 61000-3-2, EN 61000-3-3, FCC Part 15 B class A
EMS	EN 55035 (IEC/EN 61000-4-2 (ESD), IEC/EN 61000-4-3 (RS), IEC/EN 61000-4-4 (EFT), IEC/EN 61000-4-5 (Surge), IEC/EN 61000-4-6 (CS), IEC/EN 61000-4-8(PFME), IEC/EN 61000-4-11 (DIP))
Safety	IEC/EN 62368-1, UL61010-1& UL 61010-2-201
MTBF	1,567,427 hrs
Warranty	5 years

Ordering Information

Available Model	Model Name	Description
	IGS-C1080-L	Industrial 8-port unmanaged switch with 8x10/100/1000Base-T(X)
Packing List		Optional Accessories
<ul style="list-style-type: none"> IGS-C1080-L x 1 Quick Installation Guide x 1 		<ul style="list-style-type: none"> SDR/NDR Series DIN-Rail power supply