

# INS-G0800 Series

UNMANAGED INDUSTRIAL GIGABIT ETHERNET SWITCH

## Port Configuration

- 8\*100/1000Base-T
- Two high IEEE802.1p priority ports

## Operating Temperature

- -40~75°C (INS-G0800-T)
- 0~70°C (INS-G0800)

## Key Features

- Support two QoS ports to connect high priority devices
- Wide range redundant power input 12/24/48 VDC
- Dual power inputs for power service high reliability.
- Reverse polarity protection and overload current protection supported
- High 8KV ESD and 3KV surge protection to have excellent reliability
- Support 9KB Jumbo frame
- IEEE 802.3az (EEE) Green Ethernet compliant.



INS-G0800 series – the full Gigabit Ethernet with two high priority ports, perfect to connect high priority devices in industrial automation network.

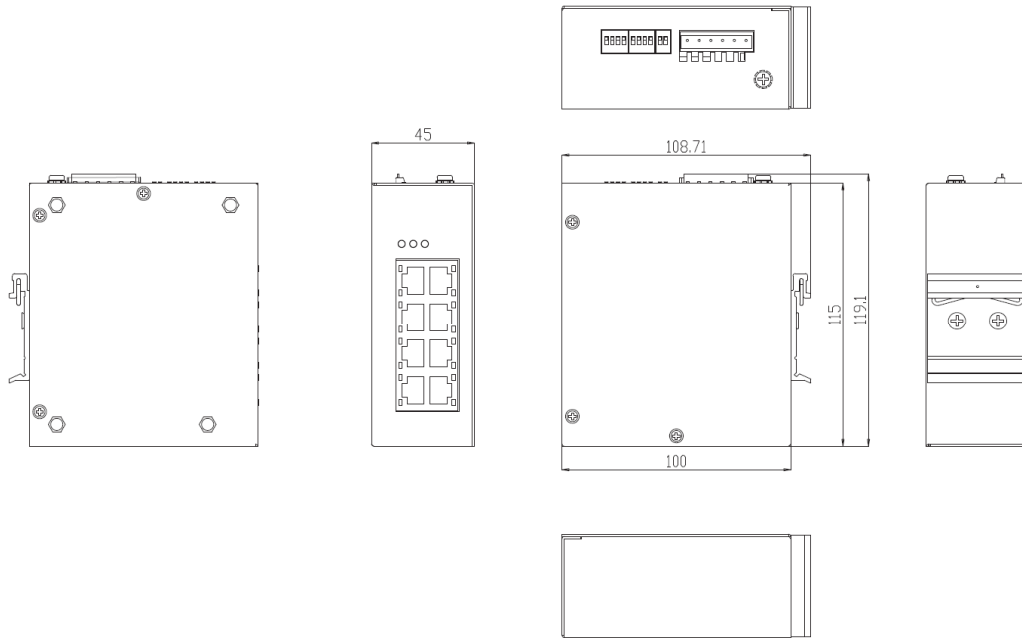
INS-G0800 series are layer 2 unmanaged industrial switches that are designed for industrial automation environments. The INS-G0800 series Ethernet switches with green Ethernet design, IEEE802.3az - Energy Efficient Ethernet (EEE), to significantly reduce power consumption as well as operation costs. Embedded two high priority ports can connect to the high priority devices to provide the guaranteed bandwidth.

The switches built-in wide range power input are suitable for the various power source environment. With auto-MDI/MDIX and auto-negotiation on each port, the switches can automatically detect and configure the best mode of operation. DIP switches function of alarm setting not only help to monitor the switch status quickly and also configure the function intuitively.

## Hardware Specifications

Port Configuration	8*100/1000Base-T	DIP Switch	Alarm Setting (Ports, Power)
Auto MDI/MDI-X	Supported	Housing Protection	IP30, Metal
Priority ports	2*100/1000Base-T	Mounting	DIN-Rail
Standard	IEEE 802.3 IEEE 802.3U IEEE 802.3ab IEEE 802.3x IEEE 802.1p IEEE 802.3az	Dimensions (WxHxD mm)	45x115x100
Switch Capacity	16Gbps	Weight	480g
Jumbo Frame	9KB	EMI	FCC part 15 Class A EN55022 Class A EN61000-6-4 EN55011
MAC address	8K	EMS	EN61000-6-2 EN55024 EN61000-4-2(ESD) Level 3 EN61000-4-3(RS) Level 3 EN61000-4-4(EFT) Level 3 EN61000-4-5(Surge) Level 3 EN61000-4-6(CS) Level 3 EN61000-4-8(PFMF) EN61000-4-11
Reverse Polarity Protection	Supported	Shock	IEC 60068-2-27
Over current protection	Supported	Freefall	IEC 60068-2-32
Power Input voltage	12/24/48V DC	Vibration	IEC 60068-2-6
Dual power inputs	Supported		
Power consumption	6Watt (Max)		
Operating Temperature	INS-G0800-T: -40°C~75°C INS-G0800: 0°C~70°C		
Operating Humidity	10 to 95% RH (non-condensing)		
Storage Temperature	-40°C~85°C		
Storage Humidity	5 to 95% RH (non-condensing)		

## Dimension



## Ordering Information

Part Number	Description
INS-G0800-T	8*100/1000Base-T with two priority ports (-40°C~75°C)
INS-G0800	8*100/1000Base-T with two priority ports (0°C~70°C)