

INP-G1002 Series

UNMANAGED INDUSTRIAL PoE+ Gigabit ETHERNET SWITCH

Port Configuration

- 8*100/1000Base-T
- 2*100/1000 SFP ports
- Support 8 ports IEEE802.3at/af 30Watt

Operating Temperature

- INP-G1002 : -10~65°C
- INP-G1002-T: -40~75°C
- INP-G1002-12 : -10~65°C
- INP-G1002-12-T : -40~75°C

Key Features

- Support 12V/24V/36V booster PoE+ with redundant power input (INP-G1002-12/-T)
- Design to support IEC-61000-4-2,-3,-4,-5,-6 protection
- Reverse polarity protection and overload current protection supported
- IP30 housing mechanical protection.
- Dual speed SFP port to provide flexible SFP transceiver connection.
- Wide operating temperature with fan-less PoE hardware design to have high reliability.
- Support 9KB jumbo frame.



INP-G1002 series – the industrial grade Gigabit Ethernet PoE+ switches with two gigabit SFP ports supported, perfect for long distance surveillance application.

INP-G1002 series are layer 2 unmanaged industrial PoE+ switches that are designed for industrial PoE application. The INP-G1002 series unmanaged Ethernet switches come standard with eight 100/1000Base-T 802.3at (PoE+) and 802.3af (PoE) Ethernet ports; two 100/1000 dual speed SFP ports support high bandwidth to aggregation switch. The uplink with two SFP interfaces can deploy long distance with cascade topology more easily.

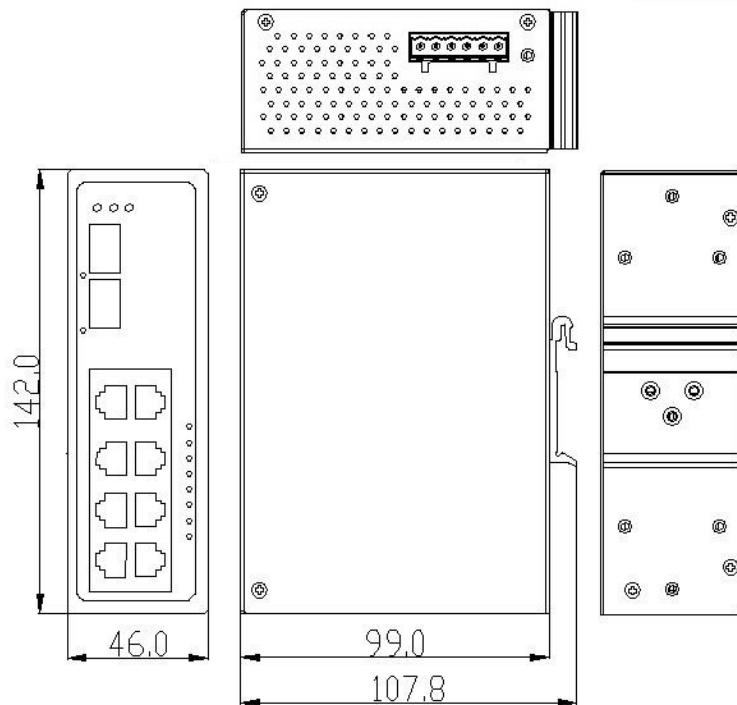
The switch built-in dual redundant power inputs and high level surge protection ensures the reliability to maximize network up time. INP-G1002-12/INP-G1002-12-T support low voltage input (12~36V DC) to boost to 48V DC for PoE+ application. It can support to install in some lower power voltage environment, like factory, battery for backup...etc.

The wire-speed forwarding rate hardware design provides a cost-effective solution for small/middle surveillance network.

Hardware Specifications

Port Configuration	8*100/1000Base-T + 2*100/1000 SFP ports	Operating Temperature	INP-G1002 : -10~65°C INP-G1002-T: -40~75°C INP-G1002-12 : -10~65°C INP-G1002-12-T : -40~75°C
PoE Ports	Support 8 port IEEE802.3at/af 30Watt PoE+	Operating Humidity	5 to 95% RH (non-condensing)
Auto MDI/MDI-X Standard	Supported IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3z IEEE 802.3af IEEE 802.3at	Storage Temperature	-40°C~85°C
Switch Capacity	16Gbps	Storage Humidity	5 to 95% RH (non-condensing)
MAC address	8K	Alarm	Power failure
Reverse Polarity Protection	Supported	Housing Protection	IP30, Metal
Overload protection	Supported	Mounting	DIN-Rail
Power Input voltage	INP-G1002/(-T) 48~55V DC INP-G1002-12/(-T) 12/24/36V DC for PoE+	Dimensions (WxHxD mm)	46x142x99
Dual power inputs	Supported	Weight	INP-G1002/-T: 860g INP-G1002-12/-T:860g
Power consumption	INP-G1002/-T: 52V@250Watt (Max) INP-G1002G-12/-T: 12V@145Watt (Max), 24V@200Watts (Max)	EMI	FCC part 15 Class A CE EN55022 Class A
		EMS	EN61000-4-2(ESD) EN61000-4-3(RS) EN61000-4-4(EFT) EN61000-4-5(Surge) EN61000-4-6(CS) EN61000-4-8(Magnetic Field)
		Shock	IEC 60068-2-27
		Freefall	IEC 60068-2-32
		Vibration	IEC 60068-2-6

Dimension



Ordering Information

Part Number	Description
INP-G1002	8*100/1000Base-T with PoE+ + 2*100/1000 SFP ports (-10°C~65°C)
INP-G1002-T	8*100/1000Base-T with PoE+ + 2*100/1000 SFP ports (-40°C~75°C)
INP-G1002-12	8*100/1000Base-T with PoE+ + 2*100/1000 SFP ports , 12V/24V/36V booster (-10°C~65°C)
INP-G1002-12-T	8*100/1000Base-T with PoE+ + 2*100/1000 SFP ports , 12V/24V/36V booster (-40°C~75°C)