

# IGS11HP

## 2-port Unmanaged Industrial PoE Switch, with 1 10/100/1000Base-T(X) IEEE802.3af/at PoE/PoE+ Port and 1 1000Base-X SFP Slot

### Features



- Support 1 10/100/1000Base-T(X) PoE/PoE+ port and 1 1000Base-X SFP slot.
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at.
- Support IEEE802.3af, maximum 15.4W power supply.
- Support IEEE802.3at, maximum 30W power supply.
- Industrial chip design, 15kV ESD protection, 8kV surge protection.
- DC48-58V redundancy power, reverse polarity protection.
- Industrial grade 4 design, -40-85° C operating temperature.
- IP40 rated aluminum alloy housing, DIN-Rail mounted.

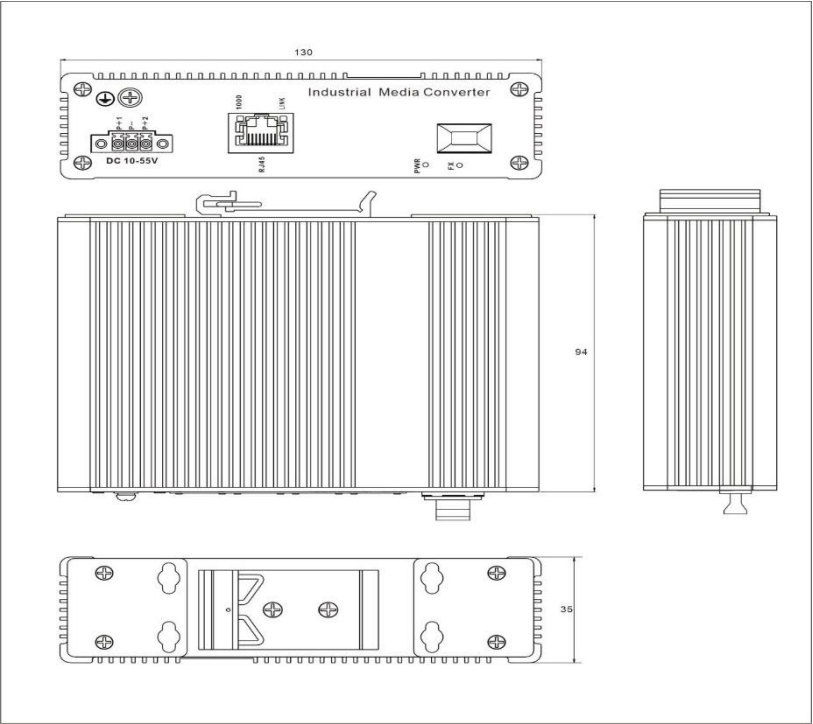
### Introduction

IGS11HP is a plug-and-play unmanaged industrial PoE switch. This switch provides 1 10/100/1000Base-T(X) Ethernet port and 1 1000Base-X SFP slot, the Ethernet port support Power-over-Ethernet (PoE) function. The switches are classified as power source equipment (PSE), and when used in this way, the switches enable centralization of the power supply, providing up to 30 watts of power per port and reducing the effort needed for installing power. The switches can be used to power IEEE802.3af/at standard devices (PD), eliminating the need for additional wiring. ER-IGS11HP support CE, FCC, RoHS standard, adopt industry standard design, IP40 protection, rugged high-strength metal case, power input (DC48-58V). The switch support IEEE802.3, IEEE802.3u, IEEE802.3x with 10/100/1000Base-T(X), full/half-duplex, and MDI/MDI-X auto-adaptation, the -40-85°C operating temperature, can meet all kinds of industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

<b>Protocol Standard</b>	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at
<b>Flow Control</b>	IEEE802.3x flow control, back press flow control
<b>Switching Performance</b>	Forwarding Rate: 2.98Mpps Transmission Mode: Store and Forward Packet Buffer Size: 1M System Exchange Bandwidth: 4Gbps MAC Table Size: 8K Delay Time: < 10μs
<b>Ethernet Port</b>	10/100/1000Base-T(X) auto speed control, half/full duplex and MDI/MDI-X auto-adaptation
<b>Fiber Port</b>	1000Base-X SFP slot
<b>PoE</b>	Pin-out: 1/2(+), 3/6(-), IEEE802.3af max 15.4w, IEEE802.3at max 30w. poe++60W(optional)
<b>LED Indicator</b>	Power indicator: PWR (green); Optical port: FX (green); Network port indicator: yellow (100 or POE) Green (Link)
<b>Power Supply</b>	Input Voltage: DC48-58V Connector: 3P Phoenix terminal, dual power supply redundancy Full Load: <30W Protection Mechanism: overload protection, reverse connection protection, redundancy protection
<b>Mechanical Structure</b>	Shell: IP40 protection, aluminum alloy housing Dimension: 130*94*35mm (L*W*H ) Weight: 500g Installation: DIN-Rail mounting, wall mounting
<b>Operating Environment</b>	Operating Temperature: -40-85°C Storage Temperature: -40-85°C Ambient Relative Humidity: 5%-95% (non-condensing)

<b>Industry Standards</b>	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
	IEC 61000-4-5 Level 3 (6KV/2KV) (10/700us)
	IEC 61000-4-3 Level 3 (10V/m)
	IEC 61000-4-4 Level 3 (1V/2V)
	IEC 61000-4-6 Level 3 (10V/m)
	IEC 61000-4-8 Level4 (30A/m)
	IEC 61000-4-11 Level3 (10V)
	EMI CLASS A
	IEC 61000-4-2 Level 4 (15KV/30KV)
	Free fall 0.5m
<b>Certification</b>	CE, FCC, RoHS
<b>MTBF</b>	>100,000 Hours

Dimension



## Order Information

Model No.	Description of Goods
IGS11HP	Unmanaged Industrial PoE Switch, 1 10/100/1000Base-T(X) PoE/PoE+ and 1 1000Base-X SFP Slot,DIN-Rail, DC48-58V, -40-85° C Operating Temperature
IG11HP	Unmanaged Industrial PoE Switch, 1 10/100/1000Base-T(X) PoE/PoE+ and 1 1000Base-FX, SC Connector, Multimode, Dual Fiber, 550m, DIN-Rail, DC48-58V, -40-85° C Operating Temperature
IG11HP-20	Unmanaged Industrial PoE Switch, 1 10/100/1000Base-T(X) PoE/PoE+ and 1 1000Base-FX, SC Connector, Single Mode, Dual Fiber, 20Km, DIN-Rail, DC48-58V, -40-85° C Operating Temperature
IG11WHP-20	Unmanaged Industrial PoE Switch, 1 10/100/1000Base-T(X) PoE/PoE+ and 1 1000Base-FX, SC Connector, Single Mode, Single Fiber, 20Km, DIN-Rail, DC48-58V, -40-85° C Operating Temperature
<b>Fiber Connector:</b> SC/ST/FC/LC (SFP Slot), Single Mode/Multimode, Dual Fiber/Single Fiber, 2Km/20Km/40Km/60Km/80Km/100Km/120Km is Optional. <b>Power Supply:</b> DC48V DIN-Rail Power Supply or Power Adapter is Optional.	