



**IGP-0310**

**Industrial Gigabit Media Converter Manual**

**Package Contents**

- IGP-0310
- User Manual

## CE Marking Warning

CE marking is a certification mark that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area (EEA). The CE marking is also found on products sold outside the EEA that have been manufactured to EEA standards. This makes the CE marking recognizable worldwide even to people who are not familiar with the European Economic Area.

## WEEE

WEEE is waste electrical and electronic equipment. It is end-of-life electrical and electronic equipment and covers virtually everything with a plug or battery. ... The EC introduced the WEEE Directive in 2002 to address the environmental impacts of unwanted electrical and electronic equipment at end-of-life disposal.

## FCC Certifications

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received; including interference that may cause undesired operation.



## ❖ Overview

IGP-0310 full gigabit industrial PoE switch that supports up to 1\*10/100/1000M 30W PD, 1\*10/100/1000M 30W PSE downlink ports, 1\*1000M SFP port. 2\*10/100/1000M ports support PoE+, conforming to IEEE 802.3af/at standard. It has the characteristics of reliable work, strong and durable, high performance and so on. It can be used in security network video monitoring system, network engineering and other occasions.

Supports relay alarm for power off, network broken, PoE off;

6KV surge protection, 6KV contact/8KV air ESD protection;

Supports desktop installation, which is reliable and durable, and can be used in security network video monitoring, network engineering and other occasions.

## ❖ Picture



## ❖ Features

- ❖ With 1\*10/100/1000M 30W PD, 1\*10/100/1000M 30W PSE downlink ports, 1\*1000M SFP port ;
- ❖ Supports relay alarm for power off, network broken, PoE off;
- ❖ 6KV surge protection, 6KV contact/8KV air ESD protection;
- ❖ Supports desktop installation, which is reliable and durable, and can be used in security network video monitoring, network engineering and other occasions.
- ❖ Supports working temperature -40°C~75°C.

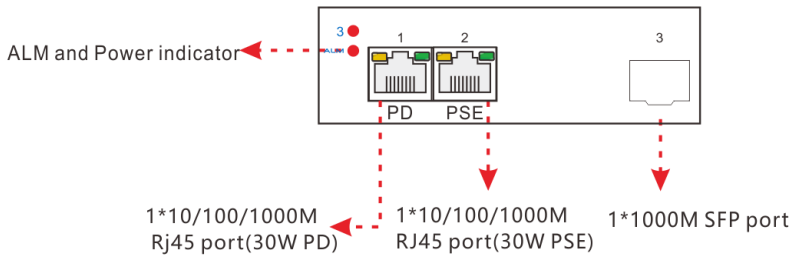
## ❖ Specifications

Parameter	Specifications
Power supply	Powered by PoE Ethernet port
Consumption	Self consumption<5W
Downlink ports	Ports 1: 10/100/1000Base-T 30W PD ; Ports 2: 10/100/1000Base-T 30W PSE ;
Uplink ports	Port 3: 1000Base-X SFP
Relay alarm	Relay alarm for power off, network broken, PoE off;
Cable and distance	Use cat5e/6,100m max
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	6 Gbps

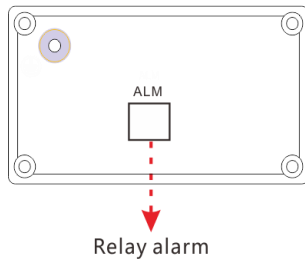
Through put	4.46 Mpps
Buffer	1M
MAC address table	8K
Indicator	Uplink3: Green LEDs indicate Link/Act Downlink 1~2: On RJ45 green LEDs indicate Link/Act Yellow LEDs indicate PoE
Protection	Surge: 6KV, standard: IEC61000-4-5 ESD: 6KV: contact / 8KV: air, standard:IEC61000-4-2
Working temperature	-40℃~75℃
Storage temperature	-40℃~85℃
Humidity	0~95%(No condensation)
Dimension(L×W×H)	101 mm×65 mm×36mm
Material	Aluminium alloy
Colour	Black
Net-weight	300g

## ❖ Panel diagram

Front panel

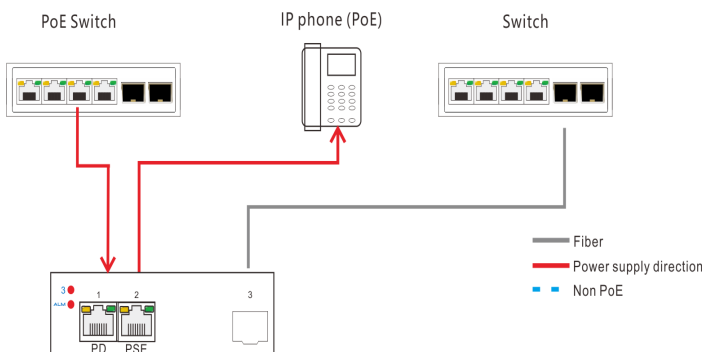


● Left panel

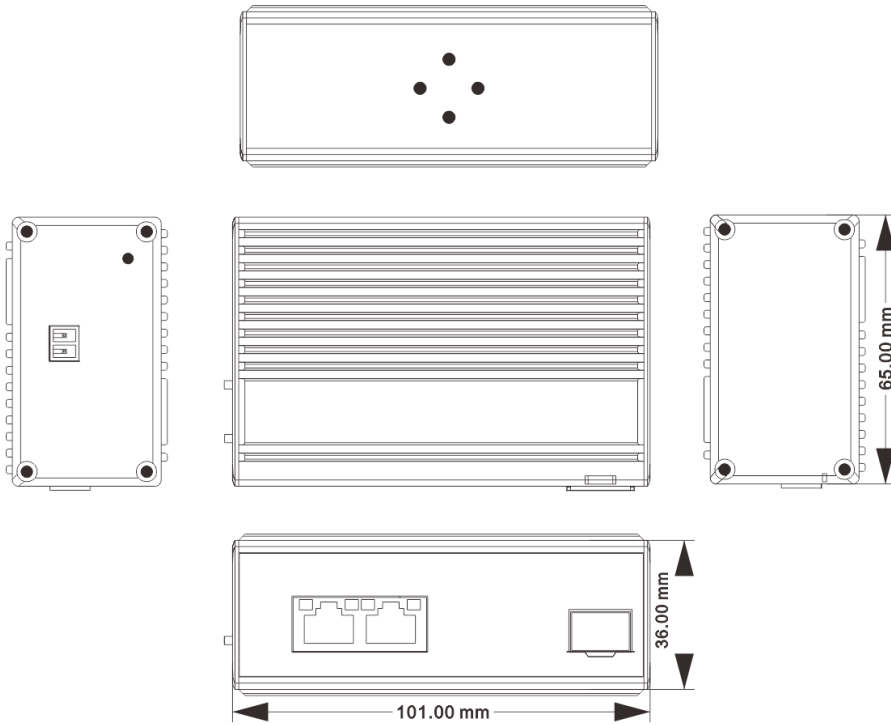


**⚠ Attention 1:** This product must be well grounded against lightning, please use better than 20# cable to connect the grounding terminal and ground.

## ❖ Application



## ❖ Dimensions



## ❖ Order information

Model	Description
IGP-0310	With 1*10/100/1000M 30W PD, 1*10/100/1000M 30W PSE downlink ports, 1*1000M SFP port; Supports relay alarm function for power off, network broken and PoE off.