ISG305P

Industrial Ethernet Switch

Introduction

The ISG305P is an unmanaged PoE Ethernet switch with 1x10/100/1000Base–T(X) port and 4x10/100/1000Base–T(X) ports that support IEEE802.3af/at. The ISG305P has been designed to complied with industrial standards. With wide operating temperature ranging from –40 to 75℃, IP40 rated housing, and redundant dual power inputs, the ISG305P is able to work in variable industrial environments.

Features

- 5–port Full Gigabit Ethernet switch
- 4 PoE ports with IEEE802.3af/at standard
- 46~57VDC redundant dual power inputs
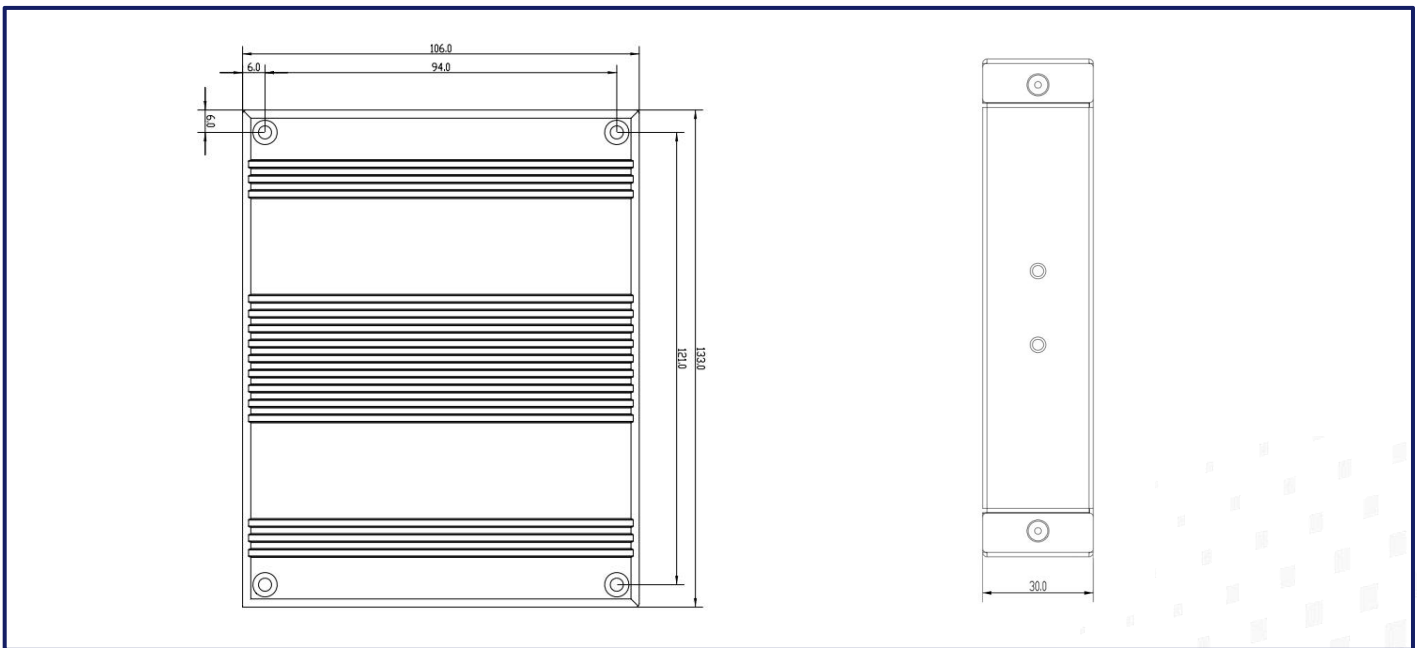- IP40 rated metal housing
- –40 to 75℃ operating temperature range

Specifications

PORT	10/100/1000BaseT(X) Ports	5
	Power over Ethernet	IEEE802.3af/at, 60W power budget
Performance	Switching capacity	10Gbps
	Auto-negotiation	Supported
	Auto-MDI/MDIX	Supported
Power supply	Input range	46~57VDC, redundant dual power inputs
	Connection	1 removable 4-contact terminal block(s)
	Overload Current Protection	Supported
	Reverse Polarity Protection	Supported
LED	Port LED	Green: link/active;Yellow: PoE
Mechanical	Dimension (W x D x H) mm	136*109*35
	Installation	DIN-rail mounting
	IP Rating	IP40
Environment	Operating Temperature	-40 to 75°C (-40 to 167°F)
	Storage Temperature	-40 to 85°C (-40 to 185°F)
	Operating Humidity (non-condensing)	5 to 95% (non-condensing)
	Storage Humidity (non-condensing)	5 to 95% (non-condensing)
	Environmental Regulation Compliance: WEEE	Supported
	Environmental Regulation Compliance: RoHS	Supported
Standards and Certifications	EMC	EN 55032/24
	EMI	CE, CISPR 32, FCC Part 15B Class A
	EMS	IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF
	Safety	EN 60950-1, EN 60950-1 (LVD)
	Shock	IEC 60068-2-27
	Vibration	IEC 60068-2-6
	Freefall	IEC 60068-2-31

Product view

Front

- LED
- RJ45 Ports

Top

- Ground Screw
- 4-pin Terminal Block

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12V ⎓ 0.5A
V1+
V1-      P1
V2+
V2-      P2
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Back

- DIN-rail hole

Dimensions

- 106.0
- 94.0
- 6.0
- 6.0
- 133.0
- 121.0
- 30.0

Order Information

Model	Description
ISG305P	5-port Full Gigabit Ethernet with PoE/PoE+; 4GE/PSE + 1GE, slim type.