





IPS2000G Series

DIN-Rail Mounting or Wall Mounting

5-port Full Gigabit Layer 2 Unmanaged Industrial PoE Ethernet Switch

- Support 1 gigabit copper/fiber port and 4 gigabit PoE copper ports
- The maximum power consumption of single port PoE is 30W
- PoE could power device over Ethernet, thus decreasing the cable connection of powered devices
- Input power voltage 48VDC
- Support 40~75°C wide operating temperature range













Introduction

IPS2000 series are 5-port full gigabit layer 2 unmanaged industrial PoE Ethernet switches and the PoE power supply is up to the protocol standard of IEEE 802.3af/at. This series have three products and provide gigabit copper ports, fiber ports, SFP slots and PoE copper ports. They adopt DIN-Rail mounting or wall mounting, which can meet the requirements of different scenes.

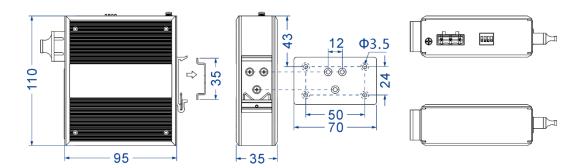
The DIP switch could implement the switch of standard PoE power supply modes (IEEE 802.3af or IEEE 802.3at), flow control, jumbo frames and RJ45 Forced 100M. Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, railway transportation, smart city, safe city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

Dimension









Specification

Standard & Protocol

IEEE 802.3 for 10Base-T

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	IEEE 802.3u for 100Base-TX IEEE 802.3z for 1000Base-X IEEE 802.3ab for 1000Base-T IEEE 802.3x for Flow Control IEEE 802.3af for PoE IEEE 802.3at for PoE+					
PoE	The maximum power consumption of PoE port: 30W The power supply pin of PoE: V+, V+, V-, V- correspond to Pin 1, 2, 3, 6					
Interface	Copper port: 10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/half Duplex Mode, MDI/MDI-X Autotunning Fiber port: 1000Base-FX, SC/ST/FC optional SFP slot: 100/1000Base-SFP					
LED Indicator	Running Indicator, Port Indicator, PoE Indicator					
Switch Property	Transmission mode: store and forward MAC address: 8K Packet buffer size: 1Mbit Backplane bandwidth: 14G Switch time delay: <10µs					
Power Requirement	12~48VDC(PoE 48VDC), 3-pin 7.62mm pitch terminal blocks Support 3A over-current protection reverse polarity protection					
Power Consumption	Model No-load(@48VDC) Full-load(@48VDC) IPS2000G-1GT-4GPOE 1.49W 63.60W IPS2000G-1GS-4GPOE 2.06W 64.99W IPS2000G-1GF-4GPOE 5.95W 70.32W					
Environmental Limit	Operating temperature range: $-40\sim75^{\circ}$ C Storage temperature range: $-40\sim85^{\circ}$ C Relative humidity: $5\%\sim95\%$ (no condensation)					
Physical Characteristic	Housing: IP40 protection, metal Installation: DIN-Rail mounting or wall mounting Dimension (W x H x D): 35mm×110mm×95mm Weight: ≤400g					
Industrial Standard	IEC 61000-4-2 (ESD), Level 3 Air discharge: ±8kV Contact discharge: ±6kV					

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IEC 61000-4-4 (EFT), Level 3

IEC 61000-4-5 (Surge), Level 3

Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6

Certification	CE, FCC, RoHS

Warranty 5 years



Ordering Information

Available Models	Gigabit Fiber Port	Gigabit SFP	Gigabit Copper Port	Gigabit POE Copper Port	Power Supply
IPS2000G-1GT-4GPOE	_	_	1	4	12~48VDC (PoE 48VDC)
IPS2000G-1GS-4GPOE	_	1	_	4	
IPS2000G-1GF-4GPOE	1	_	_	4	



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