

8-port Gigabit PoE +2-port Gigabit uplink + 2-port Gigabit SFP (Combo)

➤ Features

- Support 8-port Gigabit PoE +2-port Gigabit uplink + 2-port Gigabit SFP (Combo);
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at, store and forward;
- Compatible with both IEEE802.3at(30W) and IEEE802.3af(15.4W);
- Support IP40 protection, high strength iron shell;
- Support redundant power supply, support anti reverse;
- Industrial grade 4 design, -40-75°C working temperature;
- Support dual power supply DC48-55V;
- Support DIN-Rail or wall Installation;
- Warranty:5years;



➤ Introduction

PIES2012G-2C-8P Industrial PoE Switch, support 8-port gigabit POE +2-port gigabit uplink +2-port Gigabit SFP (Combo), DIN-Rail & Wall mounts installation, support power input (DC48-55V), working temperature -40-75°C, the reliable industrial design can ensure the stability of the system without interruption.

Industrial PoE switch (also known as Power over Ethernet) is a network device that transmits electrical power through the same cable that carries data. When connecting network devices such as IP cameras, VoIP phones, and wireless access points, the switch will detect whether they are compatible with PoE and automatically enables PoE power transmission to these endpoints. This is why PoE switches are also classified as Layer 2 Power Sourcing Equipment (PSE).

Each component of the Industrial PoE switch is designed and rigorously tested to handle extremely harsh environments subject to a wide range of operating temperature, vibration and shock, and protection from ESD, EMI and electrical surge.

Industrial PoE switches support IEEE802.3af(15.4W),802.3at PoE+(30W), save installation and maintenance costs by reducing the need for external power supply, additional wires, power outlet.

PIES2012G-2C-8P Industrial PoE switches provide 1.25G Small Form Pluggable (SFP) transceivers with LC connector. Fiber ports support multimode(850nm) or single-mode(1310/1550nm) and dual fiber or single-fiber with a maximum distance can reach 120km.

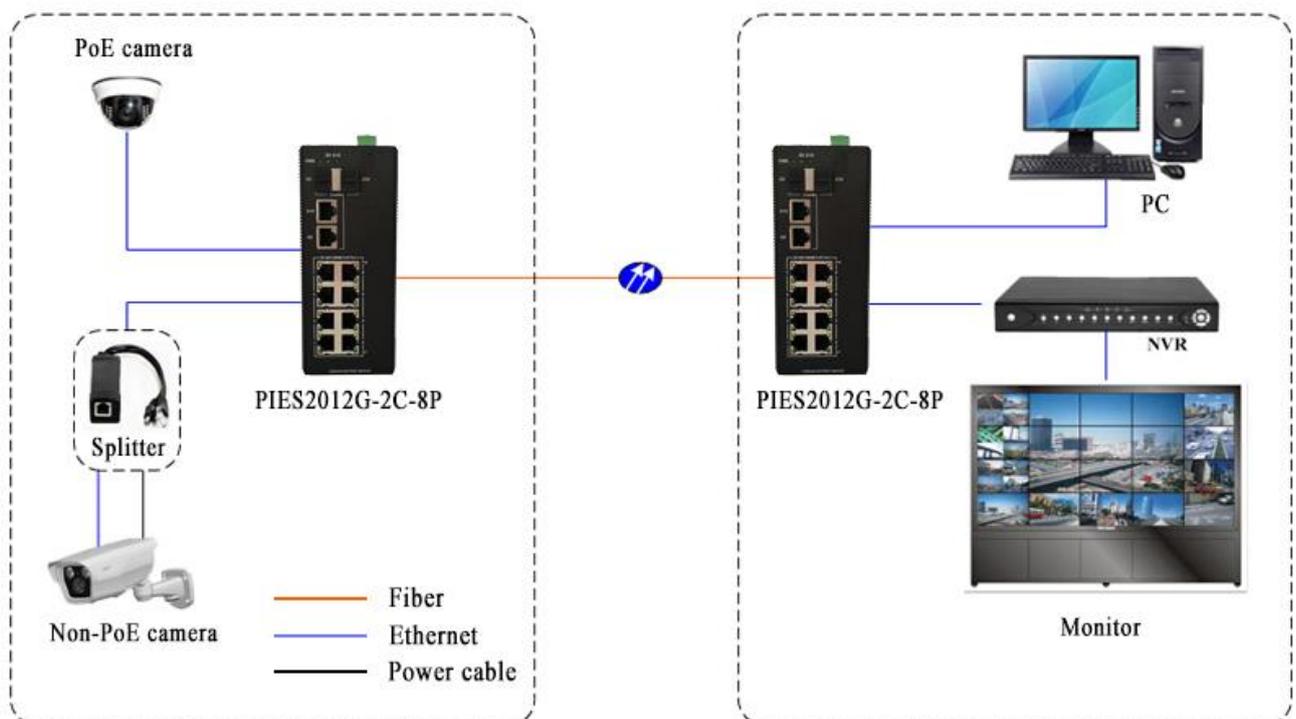
This series of industrial POE switches can be widely used in Intelligent Transportation System, Electric Power, Industrial Automation, power SCADA, Rail Transportation, Security Surveillance, Military and other industries, is a low power consumption Industrial Network Switch.

➤ Specification

Specification	
Product Name	12 ports Gigabit Unmanaged Industrial POE Switch
Port Definition	8*gigabit POE ports+2*gigabit uplink ports+2*Gigabit SFP ports(Combo)
Network Protocols	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z
PoE Parameters	POE Standard: IEEE802.3at (30W) and IEEE802.3af (15.4w)
	Each port Max: 15.4 W (IEEE 802.3af)
	Each port Max: 30 W (IEEE 802.3at)
	PoE Compatibility: IEEE 802.3af/at adaptive
	POE Power Output: DC 48-55V
Network Media	POE power supply core: 1/2+ ; 3/6-
	10BASE-T: Cat3,4,5 UTP(≤100 m)
	100BASE-TX: Cat5 or more UTP(≤100 m)
Gigabit Fiber	1000BASE-TX: Cat5 or more UTP(≤100 m)
	Multi-mode: 850nm,1310nm. transmission distance: 550m/2Km
	Single-mode: 1310nm,1550nm. distance: 20/40/60/80/100/120Km
Hardware parameter	
Bandwidth	20Gbps
Cache	2M
Package Forwarding Rate	14.88Mpps
MAC address	16K
Forwarding mode	Store-and-forward
LED Indicator	
PWR	Lighting: Powered
	Off: No Power
Port Yellow	Lighting: POE Powered
	Off: No Power
Port Green	Lighting: Connecting
	Flashing: Data Transmit
	Off: Disconnect
G9, G10	Lighting: SFP/Uplink connecting
	Off: SFP/Uplink unconnected
	Quick flashing: Data Transmit
Power Supply	
Power input	DC52V (48~55V)

Power supply wiring	6 PIN terminal block (V1+ V1- GND V2+ V2-)
Physical structure	Shell protect grade: IP40
	Installation: DIN rail
	N.W.: 0.8KG G.W: 1.1KG (without power supply)
	Product Dimension (L×W×H): 166mm×125mm×60 mm
	Package Dimension (L×W×H): 250mm×210mm×88mm
Working Environment	Operating temperature: -40~75°C
	Storage temperature: -40~85°C
	Humidity: 5%~95 % (No condensation)
Industry Standard	EMI: FCC Part 15, CISPR (EN55032) class A
	EMS: EN61000-4-2 (ESD)
	EN61000-4-4 (EFT)
	EN61000-4-5 (Surge)
	Shock: IEC 60068-2-27
	Free fall: IEC 60068-2-32
	Vibration: IEC 60068-2-6
Certification	CE mark, commercial
	FCC Part 15 Class B
MTBF	100,000 hours
Warranty	5 years

➤ Connection



➤ Ordering Information

Model NO.	Description
PIES2012G-2C-8P	8 Gigabit PoE Ports + 2-port Gigabit uplink RJ45 +2 Gigabit SFP(Combo), DC48-55V, Unmanaged
PIES206G-GS-4P	4 Gigabit PoE Ports + 1-port Gigabit uplink RJ45 +1 Gigabit SFP Port, DC48-55V, Unmanaged
PIES206G-2GS-4P	4 Gigabit PoE Ports + 2 Gigabit SFP Port, af:15.4W, at:30W per port, DC48-55V,Unmanaged
PIES106G-2GS-4P	4 Gigabit PoE Ports + 2 Gigabit SFP Port, af:15.4W, at:30W per port, DC48-55V,Managed

➤ Packing List

- Industrial PoE Switch *1
- User manual * 1
- Certificate of quality * 1
- Warranty card * 1