

## 4-port 10/100M PoE + 2-port 10/100M uplink RJ45, Unmanaged

### ➤ Features

- Support 4-port 10/100M POE +2-port 10/100M uplink Ethernet;
- 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;
- Support VLAN, Extend, Standard swapping, VLAN+ Extend four modes;
- Support port Surge Protection: Common mode 6KV;
- Support Differential mode 2KV; ESD 15KV, Contact 8KV;
- Comply with EMC EN55032 standard;
- Industrial grade 4 design, -40-75°C working temperature;
- Support dual power supply DC48-55V;
- Support DIN-Rail or wall Installation;
- Warranty:5years



### ➤ Introduction

PIES206-4P Industrial PoE Switch, support 4-port 10/100M POE and 2-port 10/100M Uplink Ethernet, 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.

An Industrial PoE switch (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's 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 (Electrostatic discharge), EMI (Electromagnetic Interference) and electrical surge.

PIES206-4P 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.

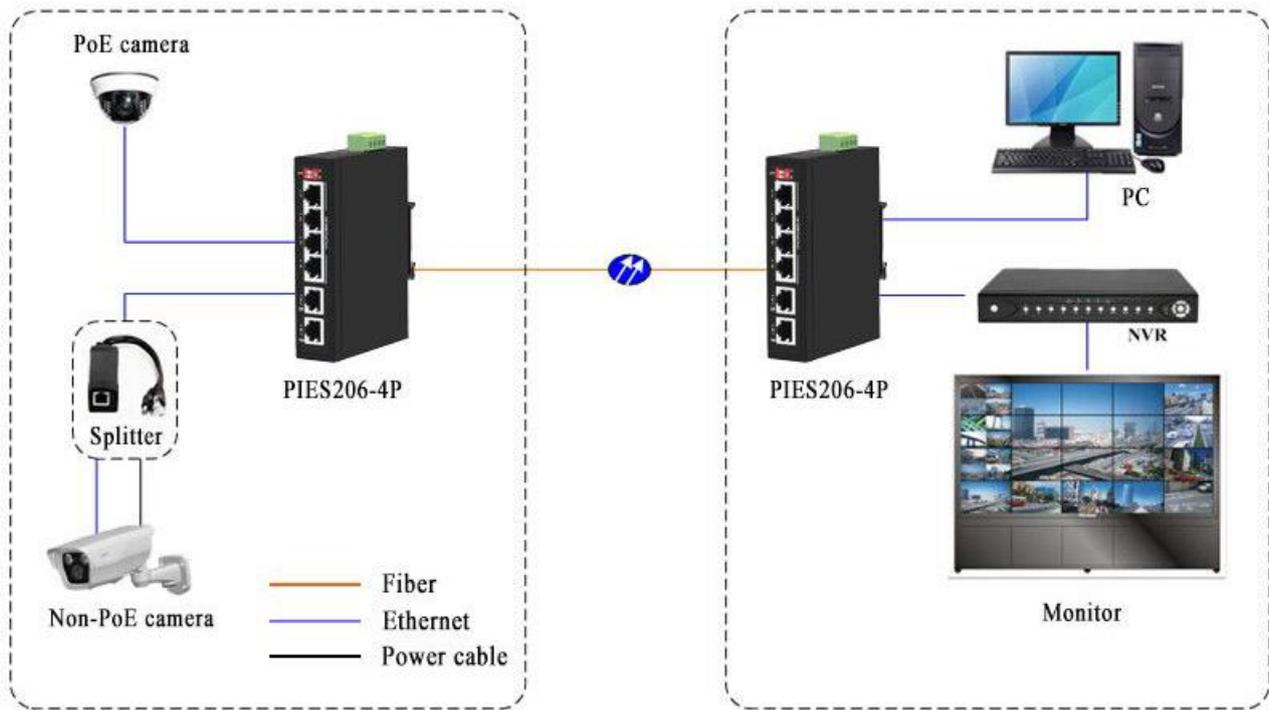
This series of industrial POE switches can be widely used in Intelligent Transportation System, Electric Power, Industrial Automation, power SCADA, Rail Transportation, Security Surveillance, Military and other industries, is a low power consumption Industrial Network Switch.

## ➤ Specification

Specification				
Product Name	6 ports 10M/100M Industrial intelligence standard POE Switch			
Port Definition	4*10/100M POE ports +2* 10/100M Uplink Ethernet port			
Network Protocols	IEEE802.3, IEEE802.3i, IEEE802.3u			
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 52V			
Network Media	POE power supply core: 1/2+ ; 3/6-			
	10BASE-T: Cat3,4,5 UTP(≤100 m)			
	10BASE-T: Cat6 or more UTP(≤250 m)			
100BASE-TX: Cat5 or more UTP(≤100 m)				
Hardware parameter				
Bandwidth	1.6Gbps			
Cache	512K			
Chipset	RTL8309NI			
Package Forwarding Rate	0.8928Mpps			
MAC address	2K			
Forwarding mode	Store-and-forward			
DIP switch				
1,2 both off	Standard mode: 1-6 port shared exchange communication			
1 on,2 off	VLAN isolation mode:1-4 ports are isolated from each other and cannot communicate; 5-6 ports are interoperable; 1-4 can only communicate with ports 5 and 6			
1 off,2 on	Extend mode: The 4th port is at a 10M rate, and the other ports are at a 1000M rate.1-6 port shared exchange communication			
1,2 both on	VLAN+10M mixed model: The 4th port is at a 10M rate, and the other ports are at a 1000M rate.1-4 ports are isolated from each other and cannot communicate; 5-6 ports are interoperable; 1-4 can only communicate with ports 5 and 6.			
LED Indicator				
PWR (Power supply indicator Red )	Lighting: Powered			
	Un-Light: No Power			
SW (DIP indicator Green)	1	2	Indicator	Mode
	off	off	No light	Standard swapping

	on	off	Lighting	VLAN
	off	on	Slow flash	Extend
	on	on	Quick flash	VLAN +Extend
1-6 (Green)	Lighting: Connecting			
	Flashing: Data Transmit			
	Un-Light: Disconnect			
Power Supply	Power input: DC48~55V			
	power supply wiring: 4 PIN terminal block (redundancy V1+V1-,V2+V2-)			
Physical structure	Shell protect grade: IP40			
	Installation: DIN rail			
	N.W: 0.409KG G.W: 0.489KG (without power supply)			
	Product Dimension (L×W×H): 119MM*87MM*28MM			
	Package Dimension (L×W×H): 175MM*130MM*55MM			
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
PIES206-4P	4-port 10/100M PoE + 2-port 10/100M uplink RJ45, af:15.4W, at:30W, 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