



Industrial PoE Switch

PIES205G-GF-4P

◆ 4-port 10/100/1000M Base-T (x) PoE + 1-port 1000Base-FX

➤ Features

- Support 4-port 10/100/1000Base-TX and 1-port 1000Base-FX
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at, store and forward
- Compatible with both IEEE802.3at(30W) and IEEE802.3af(15.4W)
- Ethernet port support 10/100/1000M self-adaption and PoE function
- IP30 protect grade, high strength iron shell, DIN35 Rail installation
- Industrial grade 4 design, -40 to 75 °C working temperature
- Input Voltage : DC48V (48~55VDC)



➤ Introduction

PIES205G-GF-4P is a kind of industrial PoE Switch, it support 4-port 10Base-T/100/1000Base-TX POE and 1-port 1000Base-FX Fiber. These converters are classified as power source equipment (PSE), and when used in this way provide up to 15.4 watts IEEE802.3af & 30 watts to IEEE802.3at compliant powered devices (PD), eliminating the need for additional wiring.

It support CE, FCC ROHS standard, adopt industry standard design, IP30 protection, rugged high-strength metal case, power supply input (DC48-55V), -40 to 75 °C working temperature. The converters support IEEE802.3/IEEE802.3u/IEEE802.3x with 10/100/1000M, full/half-duplex, and MDI/MDI-X auto-sensing, providing a complete solution for your industrial Ethernet network.

➤ Application Industries

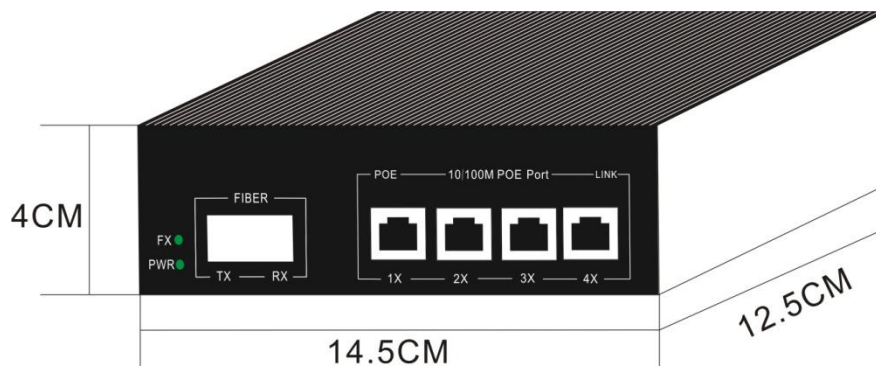
- HD monitor transmission and power supply
- Wireless AP layout transmission and power supply
- Network telephone transmission , intelligent house and home system
- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Security protection system, TV medical treatment
- Long-distance Muti-media Schooling, Campus monitoring
- Long-distance broadcast television transmission system
- High-building Security Protection, Military Tele-Com project

➤ Specification

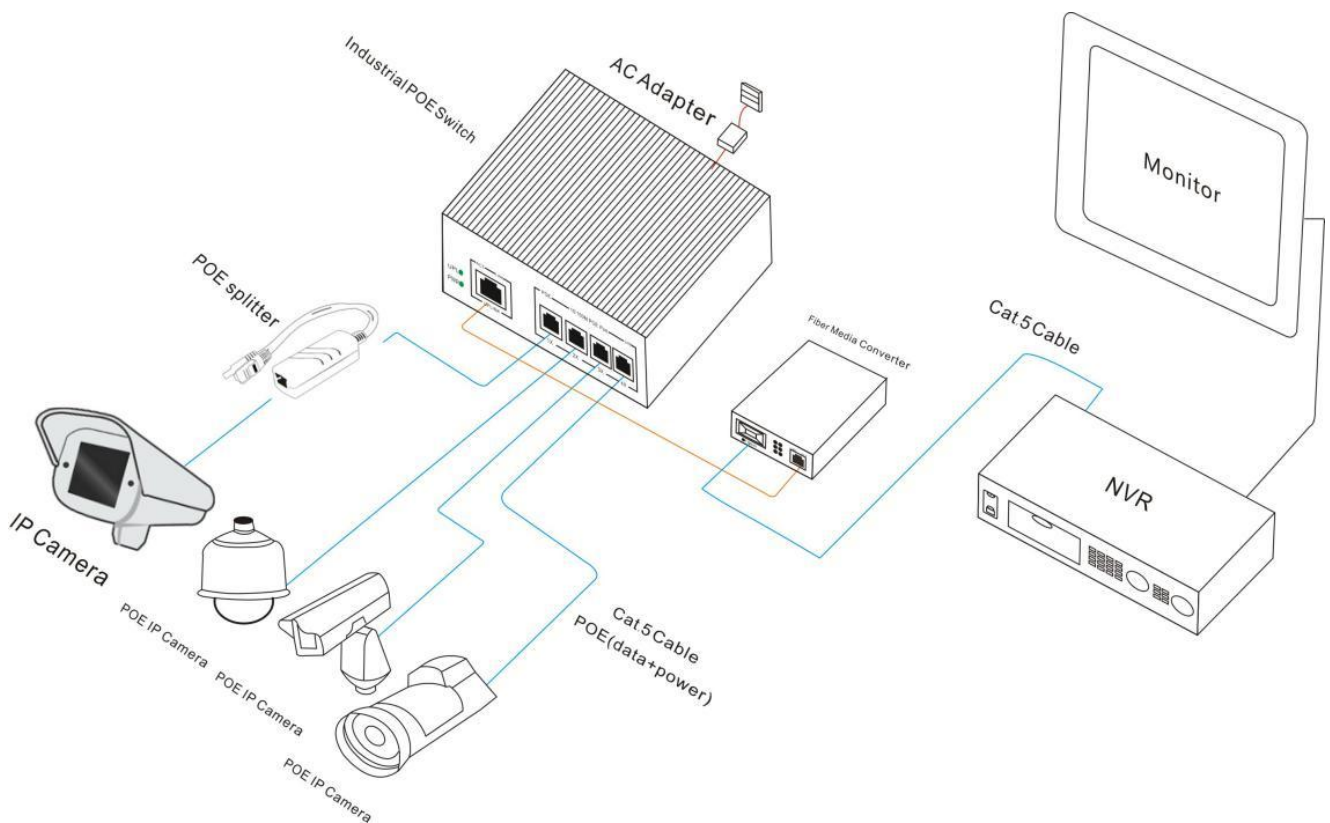
Interface	
RJ45 port	10Base-T/100Base-TX/1000Base-TX Self-adaption, Half/full duplex and MDI/MDI-X auto detect
Gigabit fiber port	1000Base-FX, SC, support single mode (20/40/60/80Km optional), multi mode (2Km), wavelength: 1310nm, 1550nm
Network Protocols	Support IEEE802.3, IEEE802.3u, IEEE802.3x
Forwarding Mode	Store-And-Forward
PoE Specification	
PoE Standard	Supports both IEEE802.3af and IEEE802.3at
Single PoE Port Power Output	Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at)
PoE port Auto detect	AF/AT
PoE Port Output Voltage	DC48V
Power Pin Assignment	1/2+;3/6-
Performance Specification	
Bandwidth	12Gbps
Buffer Memory	1M
Forwarding Rate	1488000pps/port
Address Table	2K
MTBF	300,000 hours
LED indicator	
Fiber Run indicator:	FX
Power supply indicator	PWR
PoE ACT indicator	LED-Yellow
PoE LINK indicator	LED-Green
Power supply	
Input Voltage	DC48V (48~55V)
Type of input	3pins terminal block
No-load consumption	MAX 5W@ DC52V0.1A
Full-load consumption	MAX 65W@ DC52V1.25A (802.3af) MAX 104W@ DC52V2A (802.3af+) MAX 130W@ DC52V2.5A (802.3at)
Working temperature	-40~75°C
Storage temperature	-40~85°C
Relative Humidity	5%~95 % (no condensation)
Shell	IP30 protect grade, metal shell
Installation	DIN-Rail or Wall mount
Weight	800g
Size (W×H×D)	145mm×125mm×40mm
Industry Standard	
EMI	FCC Part 15, CISPR (EN55022) 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, VCCI Class B, EN 55022 (CISPR 22), Class B
Warranty	5 years

➤ Dimension



➤ Application



➤ Order information

Model NO.	Description
PIES205G	4-port 10/100/1000Base-T(X) PoE + 1-port 10/100/1000Base-TX UP-link, DC48V
PIES20G-GF-4P	4-port 10/100/1000Base-T(X) PoE + 1-port 1000Base-FX, DC48V
PIES206-2GS-4P	4-port 10/100/1000Base-T(X) PoE + 2-port Gigabit SFP slot ,DC48V
PIES2012-2C-8P	8-port 10/100/1000Base-T(X) PoE + 2-port Gigabit SFP slot ,DC48V

➤ Packing List

- Industrial PoE Switch (plus terminal block) ×1
- User manual × 1
- Certificate of quality × 1
- Warranty card × 1
- DIN-Rail mounting kit × 1