



Industrial PoE Switch

PIES2012-2C-8P

◆ 8-port 10/100/1000M Base-T (x) PoE +2- Gigabit Combo port Unmanaged

➤ Features

- Support 8-port 10/100/1000Base-TX POE and 2 Gigabit Combo port
- Support:IEEE802.3/IEEE802.3i/IEEE802.3uIEEE802.3ab/IEEE802.3z, IEEE802.3af/at, store and forward
- Ethernet ports support 10/100 / 1000M adaptive and POE functions
- Compatible with both IEEE802.3at(30W) andIEEE802.3af(15.4W)
- IP30 protect grade, high strength iron shell, DIN35 Rail installation
- Industrial grade 4 design, -40 to 75 °C working temperature
- Input Voltage : DC48V (48~55V)



➤ Introduction

The PIES2012-2C-8P is a kind of industrial PoE Switch, it supports 8-port 10/100/1000Base-TX POE and 2 Gigabit TP/SFP Combo ports

It supports rail and wall mount, Supports power input (DC48-55V). Operating temperature range -40 °C ~ +75 °C. Through the industrial environment certification and in line with FCC, CE, CCC standards. Reliable industrial design allows you to ensure that your automation system is running without interruption.

This series of industrial POE switches can be widely used in wind power, power, assembly automation, subway PIS, power SCADA, sewage treatment, metallurgy, intelligent transportation, rail transportation, military and other industries, is a green low-power industrial Ethernet switches

➤ 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
Network Protocols	Support IEEE802.3,IEEE802.3u,IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.1d, IEEE802.1w
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-
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Fiber Media	Multi-mode: 1310nm, 2Km Single-mode: 1310nm, 20; 1550nm, 40/60/80Km

Performance Specification

Bandwidth	24Gbps
Buffer Memory	4M
Forwarding Rate	1488000pps/port
Address Table	8K

LED indicator

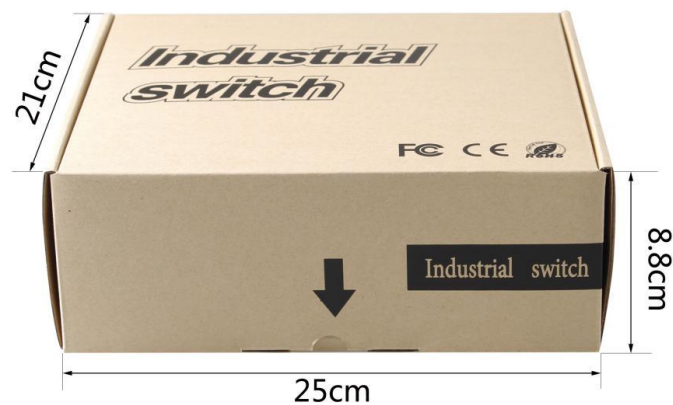
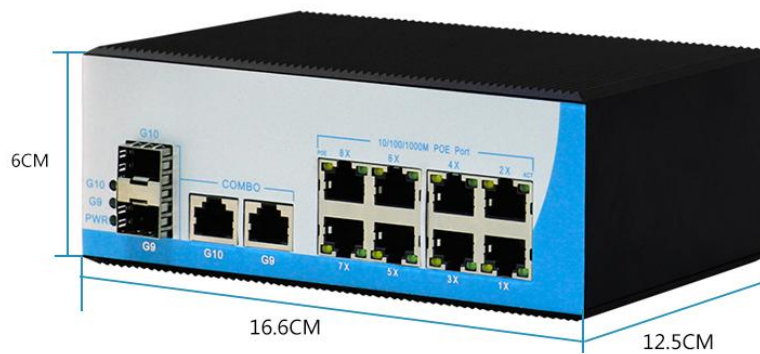
Fiber Run indicator:	FX1,FX2
Power supply indicator	PWR
PoE ACT indicator	LED-Green
1000M LINK indicator	LED-Yellow

Power supply

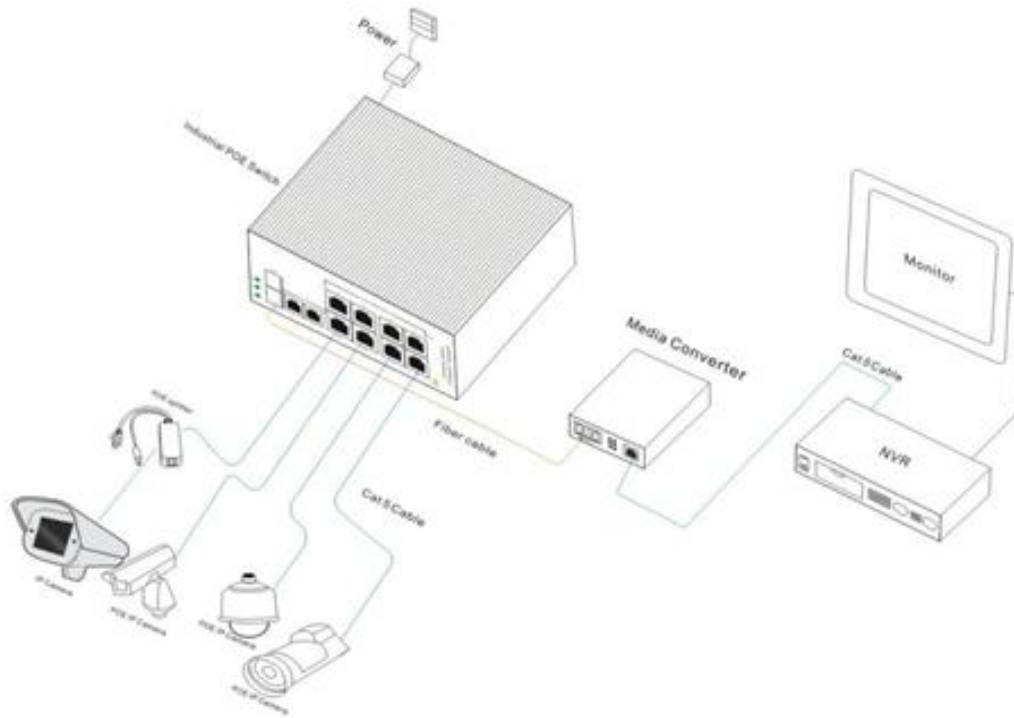
Input Voltage	DC48V (48~55V)
Type of input	6 bits terminal block
No-load consumption	MAX 10W@ DC52V0.2A
Full-load consumption	MAX 104W@ DC52V2A (802.3af) MAX 130W@ DC52V2.5A (802.3af+) MAX 240W@ DC52V4.6A (802.3at)
Working temperature	-40~75℃
Storage temperature	-40~85℃
Relative Humidity	5%~95 % (no condensation)
Shell	IP30 protect grade, metal shell
Installation	DIN-Rail or Wall mount
Weight	800g
Size (W×H×D)	166mm×125mm×60mm
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
MTBF	300,000 hours
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

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