Industrial PoE Switch   PIES2010-8P-2GS

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

➤ Features

- Support 8*10/100/1000Base-TX POE port and 2 Gigabit 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 ℃ working temperature
- Input Voltage :48VDC (45~55VDC)

➤ Introduction

The PIES2010-8P-2GS is a kind of industrial PoE media converter, it supports 8 * 10/100/1000Base-TX POE port and 2 Gigabit SFP ports

It supports rail and wall mount, Supports power input (DC48-55V). Operating temperature range -40 ℃ ~ +75 ℃. 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
Run indicator	Run
PoE ACT indicator	LED-Green
1000M LINK indicator	LED-Yellow
Power supply	
Input Voltage	48VDC (45~55VDC)
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)	45mm×160mm×135mm

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	3 years

➤ Order information

PIES2010-8P-2GS	8 port 10/100/1000Base-T(X) PoE + 2 Gigabit port ,DC48V, Unmanaged

➤ Packing List

● Unmanaged Industrial PoE Switch (plus terminal block) ×1
● DIN-Rail mounting kit x 1