



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

### ➤ Features

- Support 1-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

PIMC201 is a kind of industrial PoE media converter, it support 1-port 10/100/1000Base-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

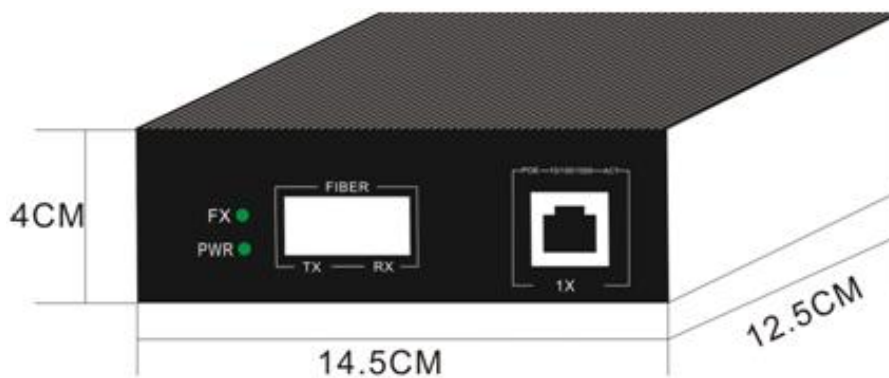
- HD monitor transmission and power supply
- Wireless AP layout transmission and power supply
- Network telephone transmission , intelligent house and home system
- Intelligent transportation supervisory system (ITS)
- High-speed Way supervisory/Tele-Communication System
- Security protection system, 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

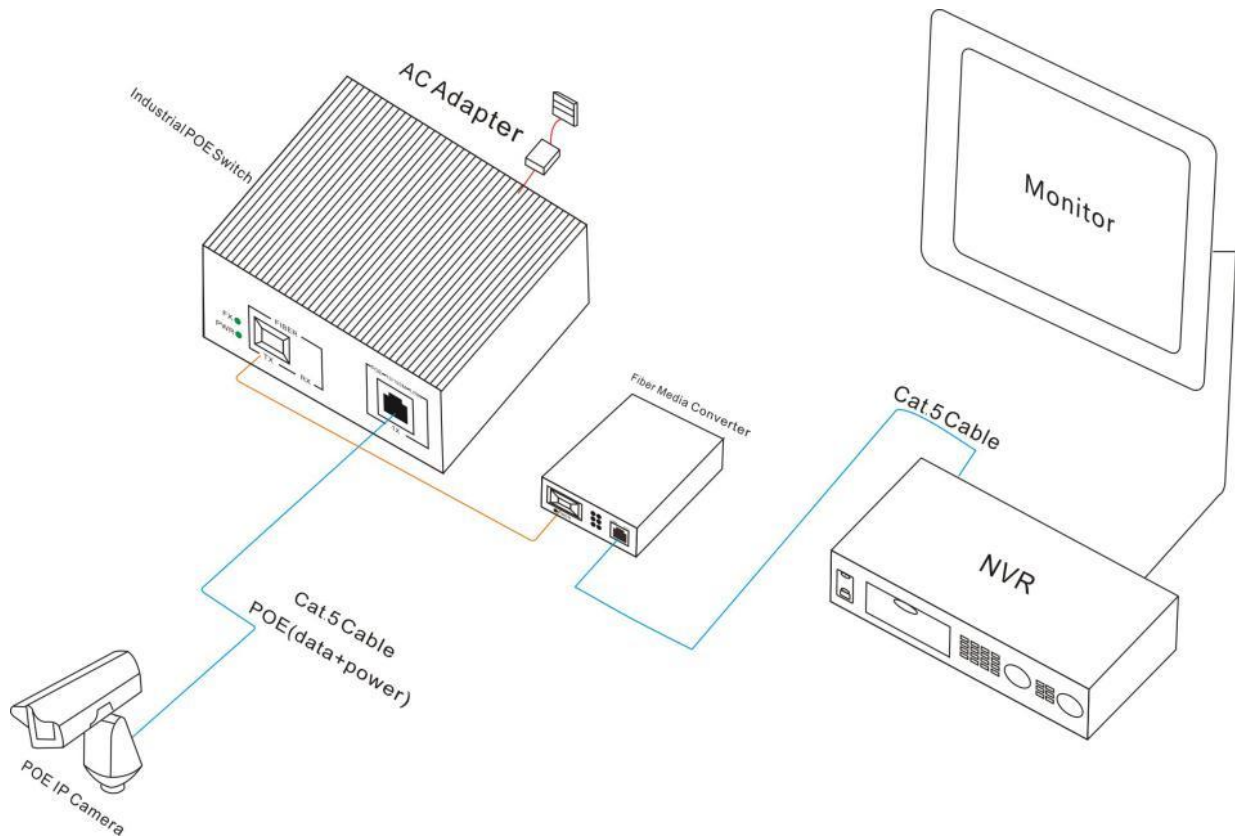
| <b>Interface</b>                 |   |
|----------------------------------|---|
| RJ45 port                        | 10Base-T/100Base-TX/1000Base-TX Self-adaption, Half/full duplex and MDI/MDI-X auto detect                   |
| Gigabit fiber port               | 1000Base-FX, SC, support single mode (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   |
| <b>PoE Specification</b>         |   |
| PoE Standard                     | Supports both IEEE802.3af and IEEE802.3at   |
| Single PoE Port Power Output     | Max. 15.4 watts (IEEE 802.3af)<br>Max. 30 watts (IEEE 802.3at)  |
| PoE port Auto detect             | AF/AT   |
| PoE Port Output Voltage          | DC48V   |
| Power Pin Assignment             | 1/2+;3/6-   |
| <b>Performance Specification</b> |   |
| Bandwidth                        | 12Gbps  |
| Buffer Memory                    | 1M  |
| Forwarding Rate                  | 1488000pps/port   |
| Address Table                    | 2K  |
| MTBF                             | 300,000 hours   |
| <b>LED indicator</b>             |   |
| Fiber Run indicator:             | FX  |
| Power supply indicator           | PWR   |
| PoE ACT indicator                | LED-Yellow  |
| PoE LINK indicator               | LED-Green   |
| <b>Power supply</b>              |   |
| 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/at)  |
| 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  |
| <b>Industry Standard</b>         |   |
| EMI                              | FCC Part 15, CISPR (EN55022) class A  |
| EMS                              | EN61000-4-2 (ESD)<br>EN61000-4-4 (EFT)<br>EN61000-4-5 (Surge)   |
| Shock                            | IEC 60068-2-27  |
| Free fall                        | IEC 60068-2-32  |

|               |   |
|---------------|---|
| Vibration     | IEC 60068-2-6   |
| Certification | CE mark, commercial,<br>FCC Part 15 Class B,<br>VCCI Class B,<br>EN 55022 (CISPR 22), Class B |
| Warranty      | 5 years   |

## ➤ Dimension



## ➤ Application



## ➤ Order information

| Model NO.    | Description   |
|--------------|---|
| PIMC201 (M)  | 1-port 10/100/1000Base-T(X) PoE + 1-port 1000Base-FX Multi-mode, DC48V                |
| PIMC201 (S)  | 1-port 10/100/1000Base-T(X) PoE + 1-port 1000Base-FX Single-mode , DC48V              |
| PIMC201 (SS) | 1-port 10/100/1000Base-T(X) PoE + 1-port 1000Base-FX single-mode, single fiber ,DC48V |

## ➤ Packing List

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