## 12~48VDC Power Input Industrial 2-Port Gigabit PoE+ Injector

## Features

Best.nr: 20109388

- ► 12~48VDC Power Input
- ► 2 RJ45 Ethernet Data Input Port + 2 RJ45 Power Over Ethernet Output Port (Data + Power)
- ► Support IEEE802.3at Power over Ethernet (PoE+) Power Sourcing Equipment
- ► Max 60W PoE at one port, total POE power less than 60W
- ► Support 10/100/1000Base-TX
- ► Support DIN-Rail & Wall-mount installation.
- ► Extensive LED indicators for PoE diagnostics
- ► Environmentally Hardened -40°C to 80°C (-40°F to 176°F) operating temperature

## Overview

The 20109388 product is a Hardened 2 ports Gigabit High Power PoE Injector allows you to connect the IEEE 802.3 af/at PoE device such as camera and access point with a non PoE LAN switch within the distance of 100m.

Both the Ethernet port (to switch) and the PoE Out port (to PoE device) support 10/100/1000Base-T and are compliant with IEEE 802.3ab. The PoE Out port is also compliant with IEEE 802.3 at.

20109388 provides an integrated power solution with a wide range voltage of 12~48VDC for high availability applications.

# Application
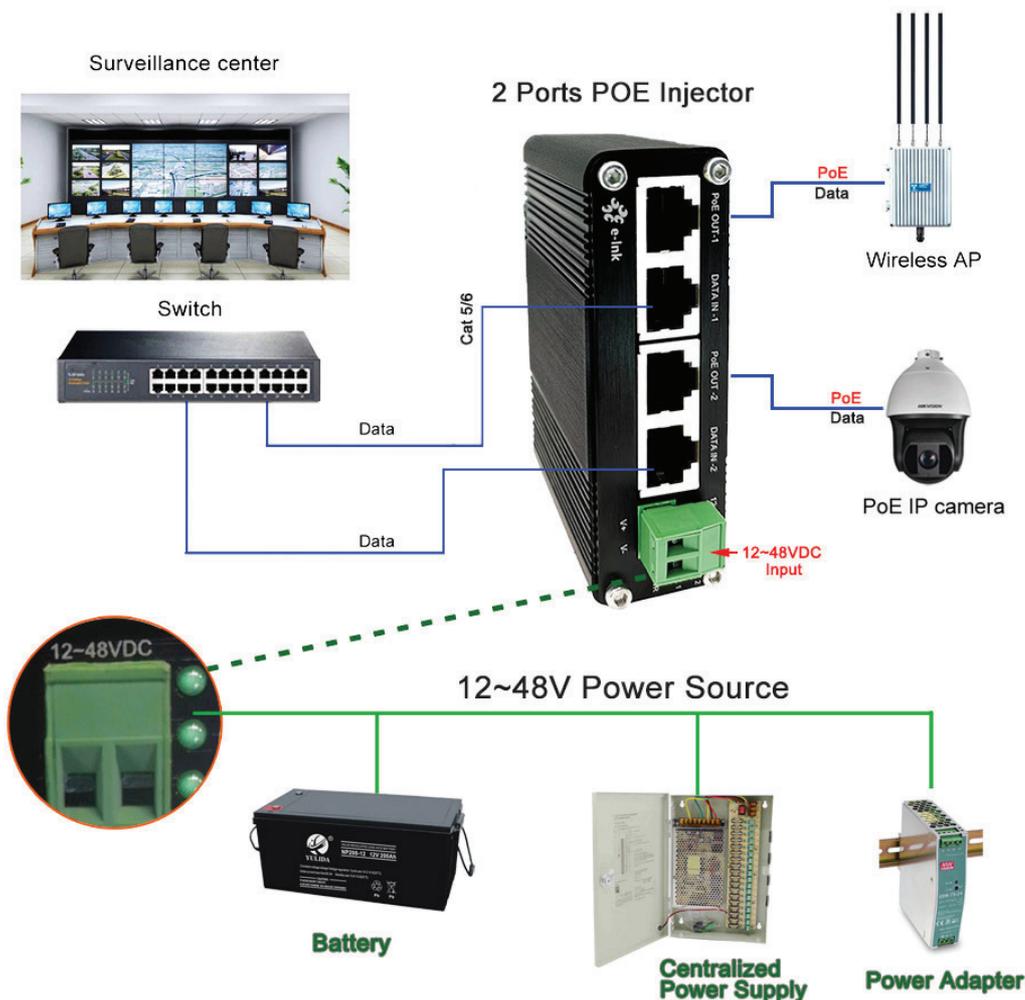


# Technical Indexes

| Ethernet | |
|---|---|
| Standards: | IEEE802.3af Power over Ethernet |
| | IEEE802.3at Power over Ethernet |
| Processing Type: | Forward |
| | Half-duplex, Full-duplex |
| Forward Filter Rate: | 1,488,000pps (1000Mbps) |
| Cabling: | 10/100/1000Base-T: Cat5 or above |
| Maximum Distance: | Cat5 UTP up to 100m |
| Connector: | 4x RJ45 |
| **Environmental** | |
| Operating Temperature: | -40°C to 80°C (-40°F to 176°F) |
| Storage Temperature: | -40°C to 85°C (-40°F to 185°F) |
| Relative Humidity: | 5% to 95% non-condensing |

| MTBF: | >200,000hrs |
| --- | --- |
| **Electrical and Mechanical** | |
| Input Power: | 12~48VDC (Terminal Block) |
| Power Consumption: | 70W Max. |
| **PoE (Power over Ethernet)** | |
| Standard: | IEEE802.3af/at |
| Port: | RJ45 |
| Power Pin Assignment | 4/5(+), 7/8(-) |
| Max. Power per Port: | 60W Max (Alternative B Mode) |
| LED Indicators: | |
| Power: | Power Status |
| PoE: | PoE Status |
| Dimensions (WxDxH): | 95 x 70 x 30 mm |
| Weight: | 0.26Kg |
| Casing: | Aluminum Case |
| Mounting Options: | DIN-Rail / Wall-mount |
| **Regulatory Approvals** | |
| ISO9001 | |
| FCC part 15, Class A | |
| CE-EN55022:2006+A1: 2007 Class A | |
| Surge Protection: | |
| RJ45: 1KV | |
| Power: 500W | |
| ESD: 4KV/8KV | |

## Ordering Information

| Model | Description |
| --- | --- |
| 20109388 | 12~48VDC Power Input Industrial 2 ports Gigabit PoE+ Injector |
| Mounting Options | ► Default DIN-Rail Bracket installed; Wall Mount Bracket is included. |
| Power Options | ► Power Supply is to be purchased separately |