# POWER OVER ETHERNET

## Description

The RFI 12-port POE is installed between a regular Ethernet Switch and the powered devices, it injects power to the power devices without affecting the data transmission performance. It has a total of 24 RJ45 ports arranged in two rows. 12 ports on the upper row function as "Data input" and the other 12 ports on the lower row function as "Data and Power output".

The RFI POE comes with a 48V 120W DC power adapter. Each power output port carry a maximum of 10W. Each has an over-current protection of 650mA.
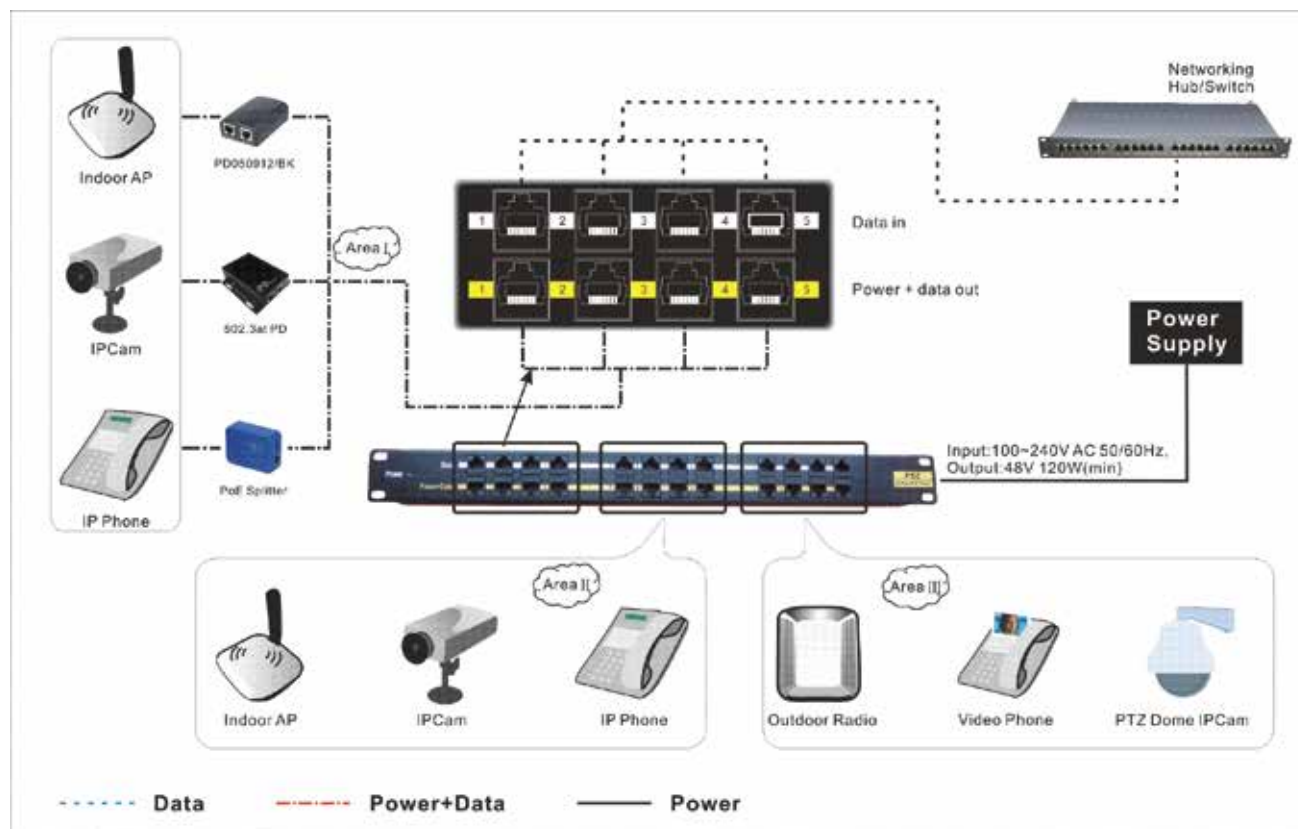


## Features

- It can modify output power of each port depending on loading. 10W is the Max output power at full loading.
- There are two options for DC voltage: 24V or 48V. It supports one flexible facility.
- Grounding function offers protection against EMI
- Over-current protection.

## Parameter

| Part No. | 100-240V AC 50/60Hz | Ethernet Cable | Data rate: 10/100Mbps TIA/EIA 568 Cat.5 Connector: RJ-45 |
|---|---|---|---|
| Output | 48V 120W (Min) | | |
| Data | 1/2 & 3/6 | Operating Temperature | 0°C to 40°C |
| Power | 4/5+&7/8-(48V) | Storage Temperature | -40°C to 70°C |
| Data In | Connects PC/HUB/Switch | Operating Humidity | 10% to 80% RH |
| Weight | 0.68Kg | Storage Humidity | 5% to 90% RH |
| Dimensions | 482.6mm x 44.3mm x 21.8mm | CE | 24-port Staggered Angle Blank Panel |
| Case of material | Metal work material | | |

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## INSTALLATION SCHEMATIC



## Ordering information

| Part No. | Description |
|---|---|
| **RPD-PE12012-00D** | 19" 1U 12-port (120W) 48V passive POE panel |