

## High Power PoE Adapter Combo Kit

**Ideal Network Solution** -- LevelOne is pleased to introduce PIS-3100, an extension of its family of Power over Ethernet (PoE) products. The PIS-3100 transmits both power and data using only a single Cat. 5 Ethernet cable. This gives users greater flexibility when choosing a location for a device. They do not need to worry about nearby AC power outlets or building a new power infrastructure when using PIS-3100.

**High Power PoE** -- The PIS-3100, a high power PoE kit, contains two units: PSE (Power Sourcing Equipment) and PD (Powered Device). PSE has a maximum output power of 30W. If it overflows, overloads, short-circuits, or overheats, the PSE automatically shuts down and restarts once the issues are solved. The PD is able to separate the data and power. This adds PoE functionality to non-PoE devices whose power consumption is up to 24W.

**Cost-Effective Solution** -- Now companies can easily build networks which require high power such as: VoIP, wireless access points, and IP surveillance. This is a cost-effective way to protect their original investment by saving the need to install power cables and outlets. It's also a great way to add flexibility to a network.

**Simple Large-Scale Deployment** -- LevelOne also offers a 19" PSE rack, POI-2100, that accommodates up to 8 PSE devices. This allows users to create a large PoE network in an organized and easy plug-and-play environment.



**PIS-3100**

### Related Products



**POI-2100**  
19 inch 8-slot PSE  
Rack for PIS-3100



**FCS-4000/4100/4200**  
Day/Night P/T/Z IP  
Speed Dome Camera  
w/ Wall Mount Kit



**FCS-4300/4400/4500**  
Day/Night P/T/Z IP  
Speed Dome Camera

## Key Features

- Add PoE functionality to non-PoE devices
- Remote power supply up to 100meters
- Internal Power Supply (for PoE Injector)
- Send data and power from RJ-45 port
- Plug & Play installation
- Cost-effective high-power PoE solution

## Technical Specification

### PD (PoE Splitter)

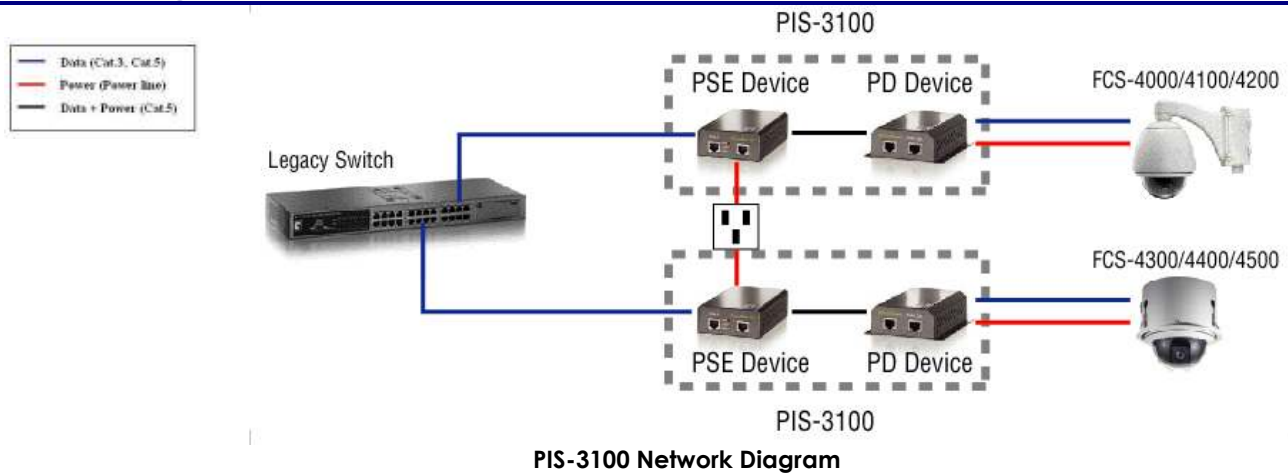
- **Connector**  
Data and power in: 1 x RJ-45.  
- Data pin 1,2,3,6  
- Power in: 4,5(V+), 7,8(V-)  
Data out: 1 x RJ-45,  
- Data pin 1,2,3,6  
Power out: 12V/2A (Maximum)
- **Power Input**  
DC 48V
- **Dimension**  
98mm(L)\* 94mm(W)\* 34mm(H)

### PSE (PoE Injector)

- **Connector**  
Data and power out: 1 x RJ-45.  
- Data pin 1,2,3,6  
- Power pin: 4,5(V+), 7,8(V-)
- **Power Supply**  
100~240V, 50~60Hz, 0.6A
- **Power Output**  
48VDC, 650mA
- **Dimension**  
133mm(L)\* 80mm(W)\* 36mm(H)

- **Standard**  
Pre-IEEE802.3at
- **Network Cable**  
10BASE-T: 2-pair UTP/STP Cat. 3,4,5 cable EIA/TIA-568 100-ohm (100m)  
100BASE-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)
- **Temperature:**  
Operating: 0~40°C
- **Operating Humidity**  
10~80%, Non-Condensing
- **Certification**  
FCC, CE

## Product Diagram



## Ordering Information

- PIS-3100: High Power PoE Adapter Kit
- POI-2100: 19 inch 8-slot PSE Rack for PIS-3100