

# PS-8616

Gigabit Ultra PoE 60W Injector with PD detection



**RoHS** **CE** **FCC**

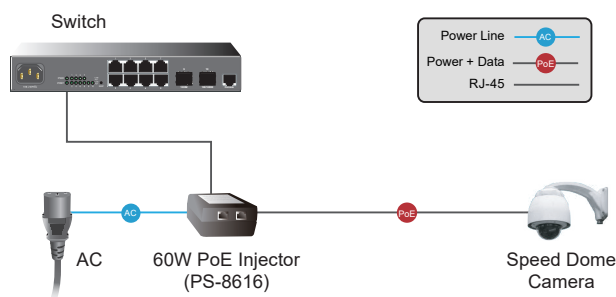
## Introduction

The PS-8616 is a Gigabit Ultra PoE Injector provides maximum of up to 60-watt power twice as much as conventional PoE+ injectors with Gigabit data connectivity. The Injector combines power and data, delivers them to the power hungry devices over single Ethernet cable, without any need of external power source. By configuring with Ultra PoE for 60W power, the injector can easily connect to the high-powered devices such as Wireless AP, Pan-Tilt-Zoom (PTZ) IP Cameras, Dome Cameras, Televisions, Interactive Display, Point of Sales (POS), Information Kiosks, Thin Client and other high power Ethernet end terminals.

Well operable in the operating temperature 0°C~40°C, the device can easily plug-n-play without any software configuration, more suitable for different challenging environment application. To protect the device from internal damage due to heavy power fluctuation, PS-8616 is configured with various safety features such as over current protection and circuit shorting protection. Addition to its beneficial features, the rich diagnostic LEDs on the front panel provide the PoE Link and PoE power budget limit status, easy for monitoring and faster trouble shooting.

## Key Features

- One port 10/100/1000Base-T 4-Pair PoE (Power/Data) for connection to the PoE device (PD)
- Automatic detects if the connected device is PoE enabled to avoid sending power to a non-PoE device
- Complies with IEEE802.3, 802.3u, 802.3ab, 802.3af, 802.3at standards
- Supports 4-Pair PoE 60W power delivery
- IEEE 802.3af/at backward compatible
- Supports 10/100/1000Base-T LAN environment
- Supports Full-Range (100~240VAC) Internal power supply
- No Fan, Natural cooling, Small size, no noise design
- CE/FCC Compliance



## Product Specifications

|  |                                |
|--|--------------------------------|
| <b>No. of Data Ports</b>                 | 1 port 10/100/1000Mbps RJ45    |
| <b>No. of PoE PSE Ports</b>              | 1 port 60W PoE                 |
| <b>Pin Assignment and Polarity</b>       | 1/2(-), 3/6(+), 4/5(+), 7/8(-) |
| <b>Output Power Voltage</b>              | 56 VDC Max.                    |
| <b>User Port Power</b>                   | 60 Watts Max.                  |
| <b>Input Power Voltage and Frequency</b> | 100-240 VAC, 50 to 60 Hz       |
| <b>Dimensions</b>                        | 180 x 71 x 37 mm               |
| <b>Weight</b>                            | 530g                           |
| <b>Indicators</b>                        | Mode A, Mode B, Power          |
| <b>Operating Ambient Temperature</b>     | -10 to 45 °C                   |