

# PA-1212 PoE Splitter



- IEEE802.3af compliant
- Regulated 12V DC output
- Low output ripple and noise
- Wide Input voltage range
- Overload and short-circuit protection
- 1500V isolation (input to output)
- Simple installation
- CE and FCC part 15 certified
- Enables PoE functionality for legacy products

## Description

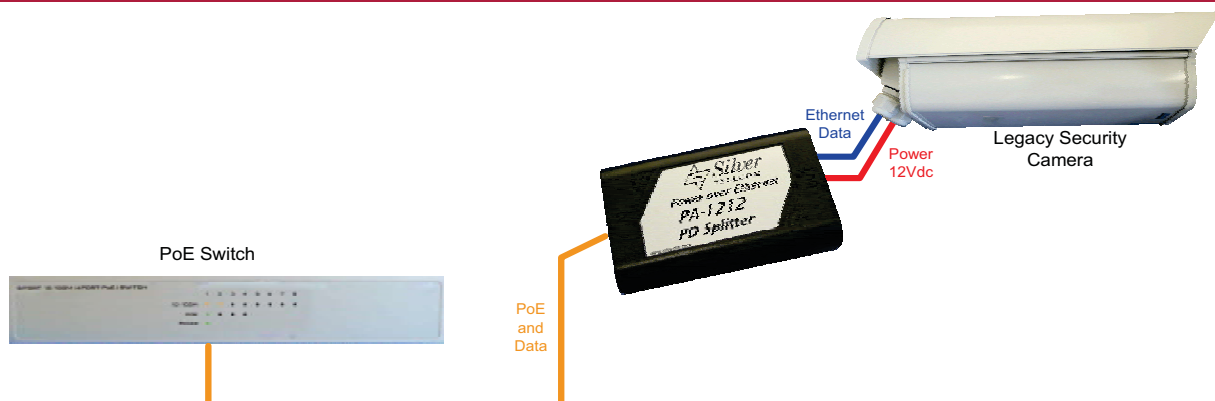
The PA1212 is designed to supply power to an Ethernet device, such as a CCTV, IP camera, WiFi Access Point, or VoIP phone. It removes the need for access to mains and a plug-top power supply which in turn reduces installation costs.

The unit connects to the PoE enabled Ethernet network via the standard Cat.5 cable and RJ45 connection, and separates the power from the data. Power and data are then presented separately on an RJ45 and a DC connector.

This is ideal in situations where mains power is not easily available where the device is situated, or when the unit does not have PoE built in. The unit will work with any IEEE802.3af compliant PoE switch or mid-span.

This makes the installation or relocation of Ethernet devices easy. Avoiding the costly installation of mains supplies which can incur tricky buildings regulations and safety requirements.

## Application



# Silver Telecom PA1212 PoE Splitter

## Specification

### Connectors:

2 x RJ-45  
DC Jack = 5.5mm (OD) x 2.5mm (ID)

### Ethernet Supported:

10/100-Base-T  
IEEE 802.3af

### PoE Pin Assignment:

3/6, 1/2 or 4/5, 7/8

### Input Voltage:

36 to 57 Vdc

### Output power:

12W max.

### Output current and voltage:

1A max. @ 12V +/-0.5V

### Ripple

Typical 100mVp-p

### Indicators

Power Indicator: Green LED

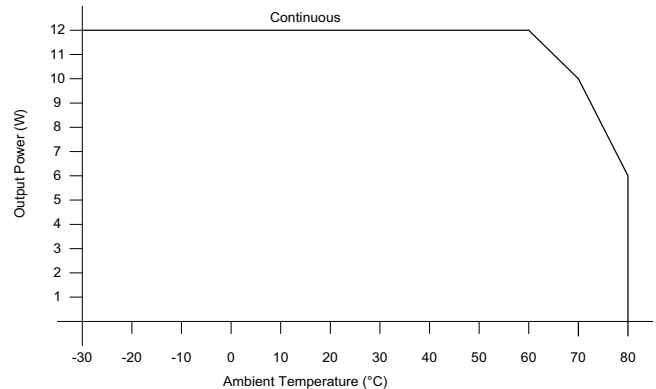


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### Dimensions:

Height: 22 mm Width: 52 mm  
Depth: 85 mm Weight: 62 g

### Operating Temperature:



-30°C to +80°C

### Storage Temperature:

-30°C to +80°C

### Operating Humidity:

10% to 90%, non-condensing

### Storage Humidity:

5% to 95%, non-condensing

### Emissions & Immunity:

FCC Part 15 Class A  
EN55022 (CISPR 22) Class B  
EN55024 (CISPR 24)

### Safety:

CE IEC 60950

### Reliability MTBF:

100,000 hours @ 25°C

### Warranty 1 Year