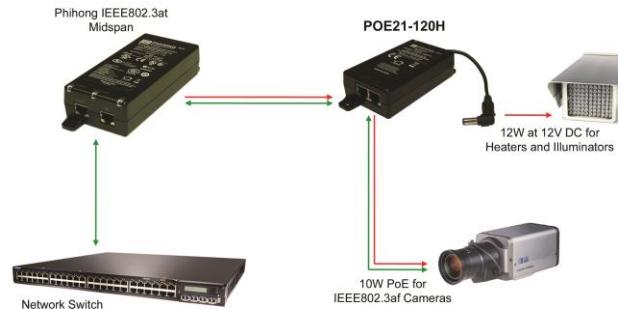




## DC-DC Power over Ethernet Splitter 10W for POE Cameras and 12VDC for Heaters, Illuminators



### Features

- Connection and DC disconnection per device attached to Data Out
- DC Good LED
- Power IEEE802.3af Camera
- End device must be IEEE802.3af compatible
- 1 Year Warranty
- 10W PoE output and 12W DC output at 12VDC
- DC Power and PoE/Data Output
- Gigabit Compatible
- Requires Pihong PoE Plus for full functionality
- Non-Vented Case

### Applications

- IP Cameras Heaters and Illuminators
- Access Controls

### Safety Approvals

- CE

### Mechanical Characteristics

- Length: 100mm (3.937in)
- Width: 56mm (2.205in)
- Height: 28mm (1.098in)
- Weight: 0.142Kg (0.313lb)

### Output Specifications

Model	Output Power		PoE Load		DC Load	
	PoE	DC	Min	Max	Min	Max
POE21-120H*	10W	12W at 12V DC	175mA at 57V DC	225mA at 44V DC	0A	1A

\*Model will not operate without Pihong's IEEE802.3af power injector and can only power an IEEE802.3af compatible end device.

Reference files: [POE21-120H\\_user\\_manual.pdf](#)

Pihong is not responsible for any error, and reserves the right to make changes without notice. Please visit our website at [www.pihong.com](http://www.pihong.com) for the most up-to-date specifications and contact information.

**INPUT:**

Unit receives power from Phihong PoE Plus Midspans only using Cat 5e or Cat 6 wiring up to 100 meters per IEEE802.3. For information on PoE Plus Midspans please go to [www.midspans.com](http://www.midspans.com)

**DC Input Current**

0.7A (DC) and 45VDC at maximum load

**DC Input Voltage Rating**

45 – 57VDC for 12V

**OUTPUT:**

**Regulation**

Line and Load  $\pm 2\%$

**Ripple**

120mV maximum at 25°C

**Efficiency**

75% minimum at maximum load, 48V input

**O/P Voltage Protection**

In case of output over voltage overload, crowbar will short. The output can be shorted permanently without damage.

**ENVIRONMENTAL:**

**Temperature**

Operation 0 to +40°C

Non-operation -20 to +65°C

Humidity 5 to 90%

**Immunity**

ESD: EN61000-4-2. Level 3

RS: EN61000-4-3. Level 2

Note: RS and ESD tested with POE36U-1AT

**EMC**

EN55022 Class A

FCC Part 15, Class A

**Dielectric withstand (HI-POT) Test**

Primary to secondary: 2121VDC for 1 minute, 10mA

**Insulation Resistance**

Primary to Secondary: >10M Ohm 500V DC

**FEATURES:**

**Indicators**

GREEN LED – Output power “ON”

**Input and Output Data Connector**

RJ45

**Output Connector**

POE and data RJ45 Jack

**DC Output**

Center Positive Barrel 12mm x 2.1mm ID x 5.5mm OD. Tip is user changeable for other sizes



**Dimension Diagram Unit: mm**

