

# POS-100A

## Adjustable output Power Over Ethernet Splitter

- Encloses  $\Phi 2.5$ ,  $\Phi 2.1$ ,  $\Phi 1.7$  and  $\Phi 1.3$  DC jacks
- IEEE802.3af compliance
- Short circuit protection



### OVERVIEW

Lantech POS-100A is the most comprehensive splitter compliant with IEEE 802.3af PoE standard in the market. It's well-cover output voltage 5V, 9V, 12V range can connect with most market PDs (Power Device) including Wireless AP, Camera, VOIP phone etc. Lantech POS-100A encloses  $\Phi 2.5$ ,  $\Phi 2.1$ ,  $\Phi 1.7$  and  $\Phi 1.3$  DC jacks to suit with every PDs power diameter.

Lantech POS-100A splits data and power signal over same Ethernet UTP cable and transfer input 48V (PoE standard) to 3 kinds voltages to meet with each PD needs. The inside PoE

chip can correspond to PoE impedance signal sent by PoE injector or PSE (Power Source) to handshake with PoE standard first and then to deliver 48V power to drive PD, in which it prevents the risk of burning down the PD.

The DIP switch of POS-100A allows users to change the output voltage easily and the LEDs shows the current output voltage.

Lantech POS-100A's light-weight and compact design can easily go with any PD's installation. Lantech POA-100A injector is the best kit for POS-100A for PoE solution.

### FEATURES & BENEFITS

- 5v, 9v, 12v output adjustable by the DIP switch
- Short circuit protection
- Delivering power and data to equipment
- For Wireless AP, Bluetooth AP, IP Camera, IP Telephones, remote power feeding application
- IEEE802.3af compliance
- Plug-and-Play
- Light weight and compact size
- Regulate output voltage by switch
- Encloses  $\Phi 2.5$ ,  $\Phi 2.1$ ,  $\Phi 1.7$  and  $\Phi 1.3$  DC jumper cables

### SPECIFICATION

Hardware Specification		Connectors	Shielded RJ-45
Data Rate	10/100 Mbps	LED	DC Power (Green); 5V/9V/12V(Green)
Input Power Requirement	1/2(+),3/6 (-) or 4/5(+),7/8(-)	Operating Temperature	-10°C~ 45°C
Input Power Voltage	48Vdc/0.3A	Dimension	80mm x 55mm x 31mm (L x W x H)
Output Power	5V(2.4A),9V(1.3A),12V(1A); Maximum 12W	Weight	76g
DC Jack	DC 5.5*2.5*12 mm (White) DC 5.5*2.1*12 mm (Blue) DC 4.8*1.7*12 mm (Yellow) DC 3.5*1.3*12 mm (Red) (L-300mm)	Regulatory	IEEE 802.3af, RoHS Compliance
		Safety Approvals	EN 60950:2006, CE/FCC
		Warranty	1 years

\*Future Release  
\*\*Optional

### ORDERING INFORMATION

- POS-100A.....P/N: 8450-220**  
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Lantech Communications Global Inc.

www.lantechcom.tw  
info@lantechcom.tw

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