

POS-100

Adjustable output Power Over Ethernet Splitter

- Short circuit protection
- IEEE802.3af compliance
- Plug-and-Play



OVERVIEW

Lantech POS-100 is the most comprehensive splitter compliant with IEEE 802.3af PoE standard in the market. It's well-cover output voltage 5V, 7.5V, 9V, 12V range can connect with 95% of market PDs (Power Device) including Wireless AP, Camera, VOIP phone etc. Lantech POS-100 also encloses Φ2.0 & Φ2.5 DC jack cables to suit with most PDs power diameter.

Lantech POS-100 splits data and power signal over same Ethernet UTP cable and transfer input 48V (PoE standard) to 4

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.

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

FEATURES & BENEFITS

- 5v, 7.5v, 9v, 12v output adjustable
- 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 Φ2.0 & Φ2.5 DC jack cables

SPECIFICATION

Hardware Specification			
Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3af Power over Ethernet	Load current	2.00A
Connector	Data and power in: 1 x RJ-45. Data pin 1,2,3,6 Power pin: 4,5(V+), 7,8(V-) and 1,2(V+), 3,6(V-) Data out: 1 x RJ-45, Data pin 1,2,3,6 Power out jack: 5V, 7.5V, 9V, 12V (Adjustable)/ Maximum feeding current: 2.4A@5V	Input current	0.29A
Power plug diameter	2 power cable with straight plug and a right angle plug Plug dimension: 5.5 x Φ2.0mm, 5.5 x Φ2.5mm	DC- Input Power	13.92
Network cable	10BASE-T: 2-pair UTP/STP Cat.3, 4,5,6 cable EIA/TIA-568 100-ohm (100m) 100BASE-TX: 2-pair UTP/STP Cat.5,6 cable EIA/TIA-568 100-ohm (100m)	Adjust Switch	4 Segment DIP switch for output voltage select.
Power input	DC 48V	LED	System: power (green)
Power Consumption		Operating Environment	0°C~ 40°C , 90% Humidity (non-condensing)
		Dimension	80mm x 55mm x 26mm (L x W x H)
Full Load	Output voltage	EMI	FCC Class B, CE
		Safety	UL, cUL, CE/EN60950
		Warranty	2 years (Please notice that the 2-year warranty is only based on operating temperature below 30°C)
			*Future Release **Optional

ORDERING INFORMATION

- POS-100.....P/N: 8450-210
Adjustable POE Splitter with two power cables

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