SDaPo®



Power over Ethernet

Suitable for:
Wireless AP, IP Cameras etc.

48V to 24V PoE Converter

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PS5724AT-RJ PoE Converter

10/100Mbps, IEEE802.3af/at Standard, 48V to 24V PoE Converter with RJ45



Overview

This device lets you use any 48V PoE source (including Passive PoE, Telecom PoE, 802.3af and 802.3at) to power Passive 24V BOARD devices.

Simply plug any 48V PoE powered Ethernet cable into one port, and any 8-30V capable Passive 24V BOARD device into the other.

This device is capable to provide high power output - up to 24W (up to 1A at 24V).

You can power it with virtually any 42-57V PoE solutions available on market today (Passive, Telecom, 802.3af and 802.3at PoE plus supported).

Note: In case if 803.3af compliant PSE is used, total output power should not exceed 12.95w (limited by the 803.3af standard)

Features

- IEEE802.3af/at compliant
- Supports 10/100M data transmission
- PD support 44-57V Voltage transmission. Automatically detects power supply from PSE power supply module
- Output 24V1A by RJ45 connector
- Support the isolation circuit protection, can effectively protect electrical equipment
- Support the short circuit, overvoltage protection
- Plug and play, portable, stable power supply and network connection
- Industrial-Grade Temperature Resistance
- CE FCC RoHS REACH UKCA TSCA PROP65 compliant

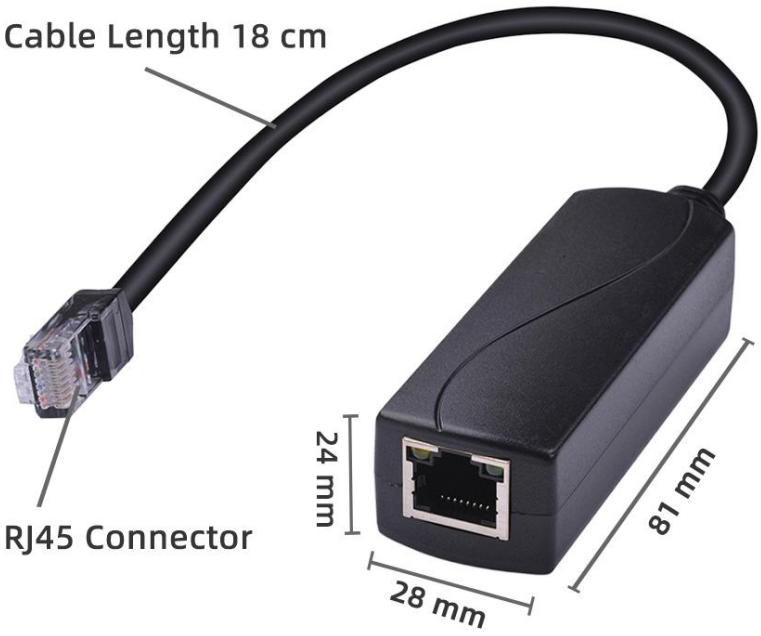
Technical Parameters

Model	PS5724AT-RJ
Transfer Rate	10/100M Date transmission
Power	Input 52V DC /0.6A, Output 24V/1A
Standard	IEEE 802.3 I, IEEE 802.3 u, IEEE 802.3 x, IEEE 802.3 af/at
Indicator Light	Yellow Output Power Indicator ; Green Power Class 4 Light
Interface Type	1 Input RJ45 port,1/2(+),3/6(-);4/5(+),7/8(-) 1 output RJ45 port, 4/5(+),7/8(-)
Environment	Work within -40~85°,Storage within -40~85° Work within 10%~90% Non-condensing, Storage within 5%~95% Non-condensing
Dimensions(mm)	81x28x24mm
Net Weight(g)	50g

Main Parameters

No.	Parameters	Symbol	Min	Typical Values	Max	Unit
1	Input Voltage	Vin	44	52	57	V
2	Output Voltage	+VDC	23.5	24	24.5	V
3	Output Current	PWR		1		A
4	Isolation Voltage	ISO			1.5	KV
5	Storage Temperature	Tstg	-40	25	85	℃
6	Operating Temperature	Ta	-40	25	85	℃

Mechanical Characteristics





Related Products

Model	DC Output	Transfer Rate	PoE Protocol	Interface Type
PS5724TG-RJ	12V1A	10/100Mbps	IEEE802.3af/at	RJ45 Connector
PS5724AT-RJ	12V1A	10/100/1000/2500Mbps	IEEE802.3af/at	RJ45 Connector

PS5724TG-RJ Appearance Images



PS5724AT-RJ Appearance Images

