PS300

High Power PoE Splitter

PS300 is a high power PoE Splitter for use in Power over Ethernet systems. With Ethernet Input (data + power) port and Output (data only) port, PS300 may split power from existing LAN cable and convert up to 12VDC/2A for power hungry applications such as Wireless APs, Security cameras and IP Phones. The internal current limit, short-circuit and overload protection are implemented to provide up to 12VDC/2A for use of DC output power.

PS300 can work in pair with PI300, a high power PoE Injector, to deliver up to 12VDC/2A for use of high power devices, such as 18W IP Camera. PS300 itself is powered by PI300 and so requires no separate power connection in the middle of the cable, making it extremely easy to connect and power IP cameras.

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Advantages:

- 12VDC 2A High Power PoE Power Splitter
- Split Power Over Ethernet (POE) to remote devices
- DC OUTPUT: 12, 9, 6, 5, or 3.3VDC
- Ethernet 100Mbps Wire Speed
- Simple to install – Plug & Play

Technical Specifications:

LAN Interface:

- IEEE 802.3x, Auto-Detection for 10/100BaseT and full/half duplex
- Standard Straight-through, or Cross-over CAT 5 cable
- Automatic MDIX function
- RJ-45 Connector x 2

POWER:

- OUTPUT: 12VDC 2A at full load

LED Indicators:

- **POWER:** Power is ON

Regulations & Approvals:

- FCC Rules Part 15 Class A
- CE

Physical Dimension:

WxDxH: 120 x 90 x 28 (mm)

Operating Environment:

- Humidity: 5% to 90% non-condensing
- Temperature: 0 ~ 50 degree C

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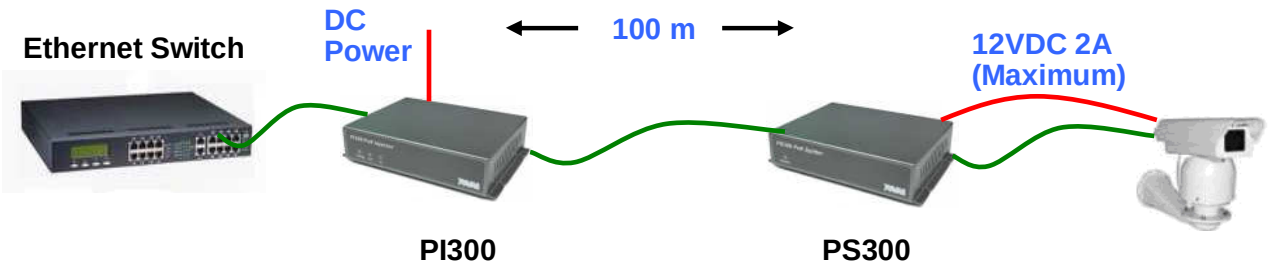
Application Diagram:

PI300 PoE Injector & PS300 PoE Splitter



RJ-45 CONNECTOR & PINOUT

	RJ-45 Input (Data + Power)		RJ-45 Output (Data Only)	
Pin	**Symbol**	**Description**	**Symbol**	**Description**
1	Rx+	Data Receive	Rx+	Data Receive
2	Rx-	Data Receive	Rx-	Data Receive
3	Tx+	DataTransmit	Tx+	Data Transmit
4	-Vdc_return(+)	Feeding power(+)	NC	Not Connected
5	-Vdc_return(+)	Feeding power(+)	NC	Not Connected
6	Tx-	Data Transmit	Tx-	Data Transmit
7	-Vdc	Feeding power(-)	NC	Not Connected
8	-Vdc	Feeding power(-)	NC	Not Connected

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