



# PS300-ODU

## Outdoor High Power PoE Splitter 12V



PS300-ODU is an outdoor high power PoE Splitter 12V for use in Power over Ethernet application. PS300-ODU can split power and data from existing LAN cable and convert up to 12VDC/2.5A for power hungry applications such as wireless AP or IP cameras. The internal current limit, short-circuit and overload protection are implemented.

PS300-ODU can work in pair with high power PoE Injector (such as Yoda PI300, PW541, etc.), to deliver up to 12VDC/2.5A for requirement of high power devices. PS300-ODU is powered by PoE Injector and requires no separate power connection in the middle of the cable, making it extremely easy to connect and power IP cameras.

The PS300-ODU is IP-65 rated weather proof from snow, rain, typhoons, desert heat, etc. and works under harsh weather condition.

### Advantages:

- 12VDC 2.5A High Power PoE Power Splitter
- Split Power Over Ethernet (POE) to remote devices
- DC OUTPUT: 12VDC (default), 9, 6, 5, 3.3VDC(Optional)
- Ethernet 100Mbps Wire Speed
- Simple to install – Plug & Play
- IP65 weatherproof design



## **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: DC12V/2.5A at full load

### Regulations & Approvals:

- FCC Rules Part 15 Class A
- CE

### Physical Dimension:

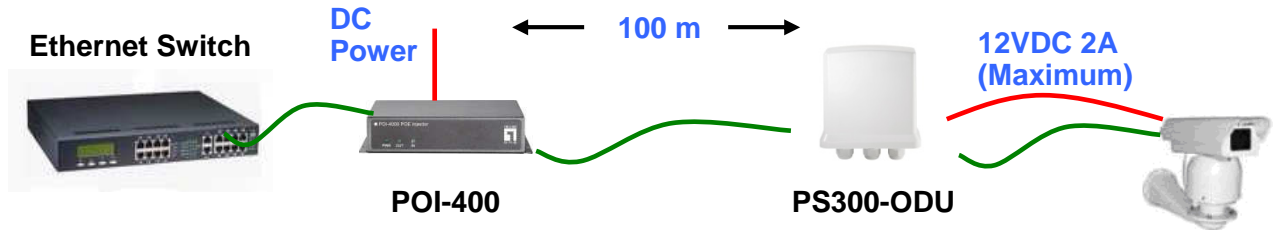
WxDxH: 180 x 165 x 95 (mm)

### Operating Environment:

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



## Application Diagram:



### RJ-45 CONNECTOR & PINOUT

Pin	RJ-45 Input (Data + Power)		RJ-45 Output (Data Only)	
	Symbol	Description	Symbol	Description
1	Rx+	Data Receive	Rx+	Data Receive
2	Rx-	Data Receive	Rx-	Data Receive
3	Tx+	Data Transmit	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

Yoda Communications, Inc. [www.yoda.com.tw](http://www.yoda.com.tw)

2F, No. 3-1, Industry East Road IX, Science Based Industrial Park, HsinChu, Taiwan

Tel:+886-3-563-2323 Fax:+886-3-563-6420