



**TP-POE++10G**

**DATA SHEET**

**56V 60W 10G 802.3at PoE++ Inserter**

**Features**

- 10/100/1000/10000Mb Data Rate
- CAT6 (or higher) for 10G
- Compact Size, Shielded RJ45 Jacks
- I.T.E. Power Supply

**Applications**

- PoE++ Wireless Devices
- PoE++ Security Cameras



**Description**

The TP-POE++10G is a compact 10/100/1000/10000MB (10G) desktop PoE++ inserter with 120/240VAC auto-ranging input. The inserter has an output that is 4 pair: Mode A (1,2+ 3,6-) and Mode B (4,5+ 7,8-) 802.3at PoE++ at up to 60W. It comes with a 3 prong 2' North American power cord with IEC C5 plug.

**Specifications**

	TP-POE++10G
AC Input Voltage	100-240VAC 50/60Hz
Output PoE Voltage	56VDC +/-2V, 802.3at PoE++, 4 Pair: Mode A (Pins 1,2+ 3,6-) and Mode B (Pins 4,5+ 7,8-)
Maximum Load	1A (56W) Max
Protections	Short Circuit, Overcurrent, Surge/ESD (4kV)
Efficiency	84% Minimum
Ripple and Noise	200mV p-p max
Data Rate	10/100/1000/10000Mbps (10Gb)
No Load Consumption	1W Max
Operating Temperature	-20 to +50°C
Storage Temperature	-30 to +80°C
Operating Humidity	5% to 90% non condensing
Size (L x W x H)	5.5 x 2.5 x 1.4" (138.5 x 62.5 x 35.3mm)
Weight	8.1oz (230g)
MTBF	100,000 Hrs
Certifications	CE, FCC   IEC 60065, IEC60950, EN55022, EN55013, EN55024, EN55020, FCC Part 15 Class B, EN61000-4-4, EN61000-4-5
Connectors	RJ45 Shielded Jacks
Ethernet Cable Compatibility	CAT6a 10G to 55m; CAT6e 10G to 80m, 5G to 100m
Warranty	3 Years

**System Ordering:** **TP-POE++10G** 4 Pair 60W PoE++ 10G Desktop Inserter

**For further information contact:**

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