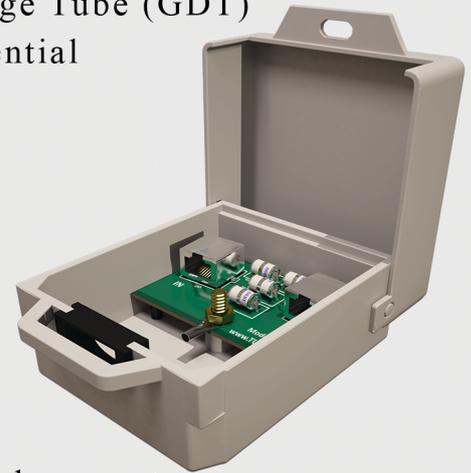


# Outdoor GbE PoE++ Surge Protector

Part Number: TP303

## Features:

- 100/1000 MbPS
- Tested 100% Transmission @ 1000Mb/s over 100 meters Cat5/6 cable by SmartBits Packet Generator
- All 4 pairs are protected by the reliable Gas Discharge Tube (GDT)
- Provide transient protection for the protected differential line pair to
  - IEEE 802.3 af/at/bt (Transmission) Mode A and B
  - IEC 61000-4-5 (Lightning/Surge) 10 KA(8/20µs)
- PoE input voltage  $V_{max}$  up to 60V
- PoE input current  $I_{max}$  up to 2A
- Impedance 100 ohms
- Any polarity on any pair - total flexibility
- Shielded grounding RJ-45 Jacks
- Removable board design for easy installation and replacement
- Impact and weather resistant enclosure with locking hinged cover
- Mounting holes are provided on the rear of the enclosure for wall or pole mounting
- Back knockout feature for concealing wires
- Cable grommet may be adjusted to cable size and is removable
- RoHS, REACH compliance



## Specifications:

Clamping Voltage	Line-Ground: 72 Volts Line-Line: 72 Volts
Maximum Impulse Discharge Current(8/20µs)	10 KA
PoE Maximum Input Voltage $V_{max}$	60 V
PoE Maximum Input Current $I_{max}$	2 A
PoE Mode Support	Mode A and B for Power
Impedance	100 ohms
Protection Modes	Line-Line, Line-Ground
Standard Connectors	Shielded RJ-45 Female * 2
Enclosure Characteristics	Outdoor UV Stabilized Plastic
Enclosure Color	Gray with black rubber plug
Mounting	Wall or Pole
Ground Lug	12 AWG Max.
Operating Temperature	-40°C (-40°F) to +80°C (+176°F)
Outside Dimensions (W*L*H)	78*103*49 mm
Weight:	110 g