

## PD591218G

### 802.3at Gigabit POE Splitter

#### FEATURES

- Compliant with IEEE 802.3af/at
- Supplying power up to 25W
- Data rate: 10/100/1000Mbps
- Supporting either mode A or mode B
- Plug and play
- Selecting output voltage 5V, 9V, 12V, 18V by DIP
- Additional +/-15kV of Ethernet isolation for ESD/Surge protection



#### OVERVIEW

PD591218G is the most comprehensive splitter compliant with IEEE 802.3af/at PoE standard in the market. It's well-cover output voltage 5V, 9V, 12V, 18V range can connect with 95% of market PDs (Power Device) including Wireless APs, Cameras, VOIP phones etc. It also encloses  $\Phi 2.1$  DC jack to suit with most PDs power diameters.

PD591218G splits data and power signal over same Ethernet UTP cables and transfers input 48V (PoE standard) to 4 kinds voltages to meet with each PD needs. The inside PoE chip can correspond to PoE impedance signal sent by PoE injector or PSE (Power Source) to handshake with PoE standard first and then to deliver 48V power to drive PD, in which it prevents the risk of burning down the PD.

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## SPECIFICATIONS

Standard	IEEE802.3ab 1000 IEEE802.3u 10/100BASE-TX IEEE802.3af/at
Connector	Data and power in: 1 x RJ-45. Data pin 1,2,3,6 Power pin: 4,5(V+), 7,8(V-) and 1,2(V+), 3,6(V-) Data out: 1 x RJ-45, Data pin 1,2,3,6 Power out jack: 5V, 9V, 12V, 18v (Adjustable)
Power plug diameter	5.5 x $\Phi$ 2.1mm
Network cable	10/100BASE-T: UTP/STP Cat.3, 4, 5 1000BASE-T: UTP/STP Cat.5, 5e, 6, 7
Power input	DC 38-60V
Output Power	5V/9V/12V/18V by segment DIP switch for output voltage select
LED	System: power (green)
Operating Environment	0°C~ 40°C , 90% Humidity (non-condensing)
Dimension	102*48*27 mm
Certification	FCC, CE