

PD100 PoE Splitter

- ▶ Complies with IEEE802.3af standard Power over Ethernet
- ▶ Compliant with DSG IP Phones and other supported devices
- ▶ Conveys power and data to equipment
- ▶ Offers complete protection against circuit shortage



PD100 Power-over-Ethernet Splitter

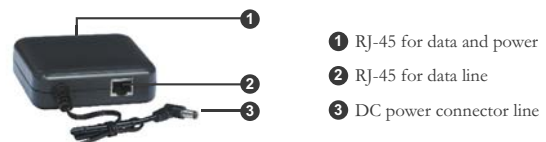
The DSG PD100 is a user-friendly design of Power Over Ethernet (POE) Splitter. With this intelligent device, you can install your DSG IP Phones everywhere in LAN without complicated wiring or installation. The PD100 can deliver power over a twisted-pair cable to your DSG IP Phone and simplify the phone relocation in your office.

When powering IP phones is inconvenient, the PD100 can transmit electronic power along with data through the same network cable from power source equipment (PSE). Simply connect the PoE-in port to your PoE switch then you will be able to provide Ethernet data and DC power to non-PoE IP phones.

In addition, with the PD100 PoE Splitter the overload or short circuit protection can be extended from your PoE switch or UPS system. Your power supply system can be centrally located, easily distributed and better managed.

For more information, please visit www.dsgtechnology.com

Application Diagram



The PD100 must be connected with a PoE switch to offer power for IP phones



Specifications

Standards	IEEE802.3, IEEE802.3u, 10/100 Base-TX IEEE802.3af
Ethernet Connectors	2 x RJ-45 (1 for Data in, 1 for Data + DC out)
Ethernet Data Rate	10/100 Mbps
Input Voltage	48V DC, 0.4A
Output Voltage / Current	5V DC, 2A max.
Number of devices that can be powered	1
Ethernet Cable	TIA/EIA-568, Category 5/5e cable
Dimensions	83 mm x 66 mm x 28 mm (L x W x H)
Humidity	10%~90% (non-condensing)
Temperature	0°C~50°C

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