

AT-6102

Universal Multi-voltage PoE Splitter



AT-6102

Universal Multi-voltage PoE Splitter

IEEE 802.3af Power over Ethernet Splitter

The AT-6102 Multi-voltage Power over Ethernet Splitter allows PoE remote powering of virtually any equipment. Non PoE enabled devices like Access Points, IP Cameras, VoIP phones, etc. can be connected to PoE powered lines with all the benefits of PoE remote powering.

Main Applications

Sensible cost savings can be achieved using the AT-6102 Multi-voltage PoE Splitter for remotely powering virtually any VoIP phones, IP cameras and Wireless Access Points.

There is no need for additional power cabling since the AT-6102 feeds the devices with power received through the PoE connection.

Connecting the AT-6102 Multi-voltage Power over Ethernet Splitter to a UPS protected power line easily protects the powered device from power outages.

The AT-6102 Multi-voltage PoE Splitter helps in protecting network investments. In fact there's no need to replace the existing device with a PoE enabled one. Simply replace the original power supply with the AT-6102 and set the desired output voltage through the DIP switch.

Key Features

- IEEE 802.3af compliant
- Short circuit protection
- Delivering power and data to equipment
- 5, 7.5, 9 and 12V user selectable output voltage
- Plug-and-Play
- Light weight and compact size
- Easy table top and wall mounting
- Self-sticking Velcro strips for attaching to powered device
- For Wireless AP, Bluetooth AP, IP Camera, VoIP Telephones and any other remote power feeding application
- Regulated output voltage
- RoHS and WEEE compliant
- CE, FCC, GOST, C-Tick Approved
- UL Listed

AT-6102 | Universal Multi-voltage PoE Splitter

Technical Specifications

Physical Characteristics

Dimensions
(W x D x H): 8cm x 5.5cm x 2.6cm
Weight: 80g (0.18 lbs)

Status Indicators (LEDs)

Power On

Power Characteristics

Input Power: 48vDC PoE
Output Power: 5, 7.5, 9, 12vDC
Max Output
Current: 2.0A @ 5V

Environmental Specifications

Operating Conditions

Max Temperature: 0°C to 40°C (32°F to 104°F)
Relative Humidity: 10% to 90% (non-condensing)

Storage Conditions

Max Temperature: 0°C to 70°C (32°F to 158°F)
Relative Humidity: 8% to 90% (non-condensing)

Robustness

MTBF: > 180,000 hrs

Interfaces

Data In

LAN: 10/100TX RJ-45 female
Cable: EIA/TIA-568 100-ohm (100m)
10T: 2 or 4-pair UTP/STP Cat.3, 4, 5
100TX: 2 or 4-pair UTP/STP Cat.5
Power drain: V+ on pins 4 and 5; 1 and 2
V- on pins 7 and 8; 3 and 6

Data Out

LAN: 10/100TX RJ-45 female

DC Power Out

Connector: 5.5 x 2.0mm and 5.5 x 2.5mm
User selectable power jacks
Cable length: 360mm (1.42 inches)

Regulatory Approvals

EMI/EMC: FCC class B, CE
Safety: UL, cUL, CE/EN60950, UL60950, C-Tick, GOST

RoHS Compliant

Protocols and Standards

IEEE 802.3
IEEE 802.3u
IEEE 802.3af

Ordering Information

AT-6102-00
IEEE 802.3af Multi-voltage Power over Ethernet Splitter

Associated Products

AT-6101
IEEE 802.3af Single port PoE Injector

AT-FS708/POE
Unmanaged 8 port PoE Switch

AT-8000/8POE
8 port PoE Managed Fast Ethernet Switch

AT-8000S/24POE
24 port Layer 2 Stackable Fast Ethernet Switch

AT-8000S/48POE
48 port Layer 2 Stackable Fast Ethernet Switch

USA Headquarters | 19800 North Creek Parkway | Suite 200 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895
European Headquarters | Via Motta 24 | 6830 Chiasso | Switzerland | T: +41 91 69769.00 | F: +41 91 69769.11
Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830

www.alliedtelesis.com

© 2006 Allied Telesis Inc. All rights reserved. Information in this document is subject to change without notice. All company names, logos, and product designs that are trademarks or registered trademarks are the property of their respective owners.

617-00021 I-00 Rev B