

AT-6102G

Universal Multi-voltage Gigabit PoE Splitter



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IEEE 802.3af Power over Ethernet Splitter

The AT-6102G 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-6102G 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-6102G feeds the devices with power received through the PoE connection. Connecting the AT-6102G multi-voltage Power over Ethernet splitter to a UPS protected power line easily protects the powered device from power outages.

The AT-6102G 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-6102G and set the desired output voltage through the DIP switch.

Power over Gigabit Ethernet

The AT-6102G allows you to remotely power any high performance equipment that needs Gigabit Ethernet connection.

High definition cameras and high-speed wireless access points can be freely positioned without any need for additional power cabling.

Key Features

- IEEE 802.3af compliant
- Can feed power to Gigabit Ethernet equipments
- 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 access points, 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

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Technical Specifications

Physical Characteristics

Dimensions 8cm x 5.5cm x 2.6cm
(W x D x H):
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
1000T: 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: 10/100/1000T 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
IEEE 802.3ab

Ordering Information

AT-6102G-00
IEEE 802.3af universal multi-voltage Gigabit PoE splitter

Associated Products

AT-6101G
IEEE 802.3af Gigabit 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

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