

User Manual for Apple Lightning PoE Adapter

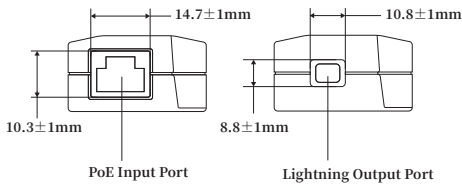
PTAP-AF

Overview

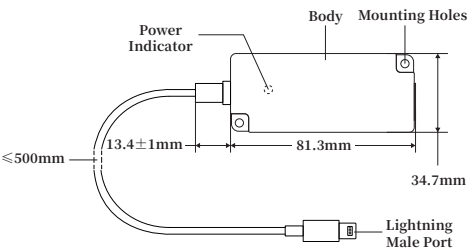
PTAP-AF is an indoor rated PoE to Apple lightning adapter specially designed for complex backhaul and networking application. Enclosed in an IP40 fire retardant plastic case with compact design. It works as a converter to get power and data from PoE injector or PoE Switch of 802.3af/at over RJ45 connector then deliver power and data all-in-one to PDs via lightning connector cable. Specially designed for iPad, iPhone with the lightning connector. The Lightning Male connector not only deliver power at 5Vdc, 2.0A, but also provide Ethernet data signal at 10/100Mbps. For planning purposes, the effective distance is 100 meters via Cat5e/Cat6 cables from Ethernet data source to the Apple lightning Adapter.

Appearance

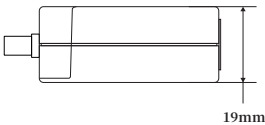
Front View



Top View



Side View

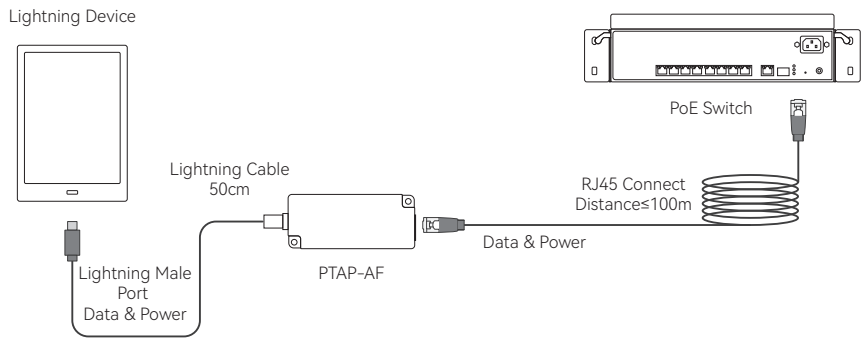


Product Sepecifications

Item	PTAP-AF
Input	40~57Vdc PoE injector/PoE Switch 802.3af/at
Input Power Pins	4/5(+), 7/8(-) or 3/6(+), 1/2(-) or 3/6(-), 1/2(+)
Output	5Vdc 2.0A 10W

Item	PTAP-AF
Data Speed	10/100Mbps
Network Protocols	IEEE802.3 10Base-T Ethernet , IEEE802.3u 100Base-Tx Fast Ethernet
Operate Temperature	0°C~40°C
Operate Humidity	20%~80%, non-condensation
Storage Temperature	-20°C~70°C
Storage Humidity	10%~90%, non-condensation
Operate Altitude	Up to 2000 meters
Enclosure	White Plastic
Mounting	Wall-mounted
Protection Rate	IP40
Dimensions	81.3mm(including 490mm with cable wire) X 34.7mm X 19mm(50g)

Product Connection Diagram



Precautions

- Please select a suitable power - supply device to connect to this product according to the instructions.
- This device is only for indoor use.
- Connect the PoE Ethernet cable to the PoE input port of this product. Use CAT5 or higher-grade cables, with a length not exceeding 100 meters.
- Do not place heavy objects on this device.
- When used with a continuous power supply over a long period, some devices may experience battery swelling or reduced energy storage capacity. Therefore, avoid prolonged charging when using this product.

