

# User Manual for PoE to USB-C Adapter

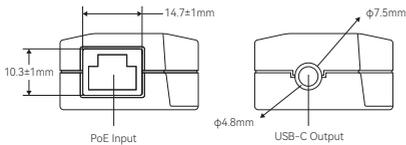
## PT-PGC-AF

### Overview

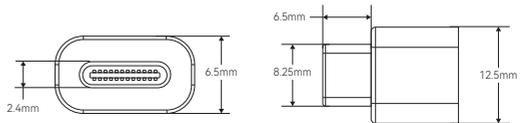
PT-PGC-AF is an indoor PoE to USB-C adapter. It allows power and data obtained from an IEEE802.3af PoE injector or PoE switch to be provided to USB-C PD and network connectivity through the adapter. PT-PGC-AF features a white plastic housing design, making it portable for on-the-go use or for fixed installations. The device operates within a safe voltage input of up to 57V and provides a power output of 5V/2A and network data at 10/100/1000Mbps. The effective distance for PoE transmission via Cat5e/Cat6 Ethernet cable is 100 meters. PT-PGC-AF is compatible with most tablets, Android smartphones, and the latest Apple smartphones with USB-C interface. When no PoE power source is fed, it can be regarded as a Gigabit Ethernet converter. That is Ethernet signal can be transmitted through two connected devices. Equipped with 50 cm-long cables featuring a 90° right-angle USB-C male connector.

### Appearance

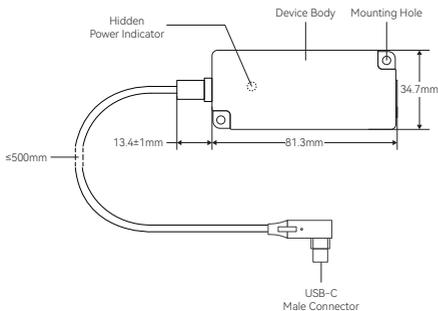
**Front View**



**USB-C**



**Top View**



**Side View**

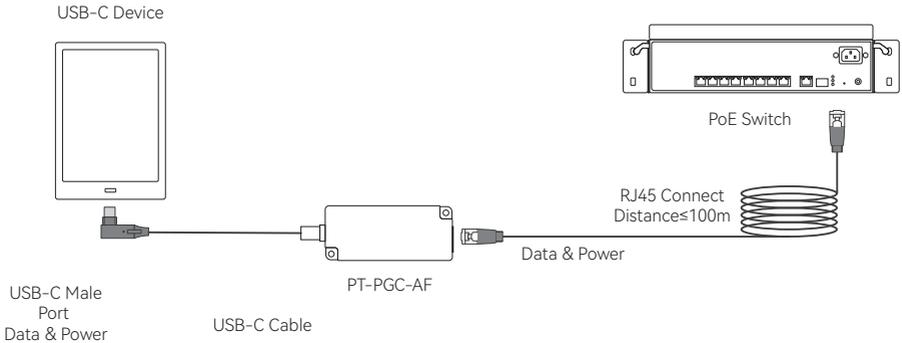


### Product Specifications

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

Item	PT-PGC-AF
Data Speed	10/100/1000Mbps
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-85°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 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.

