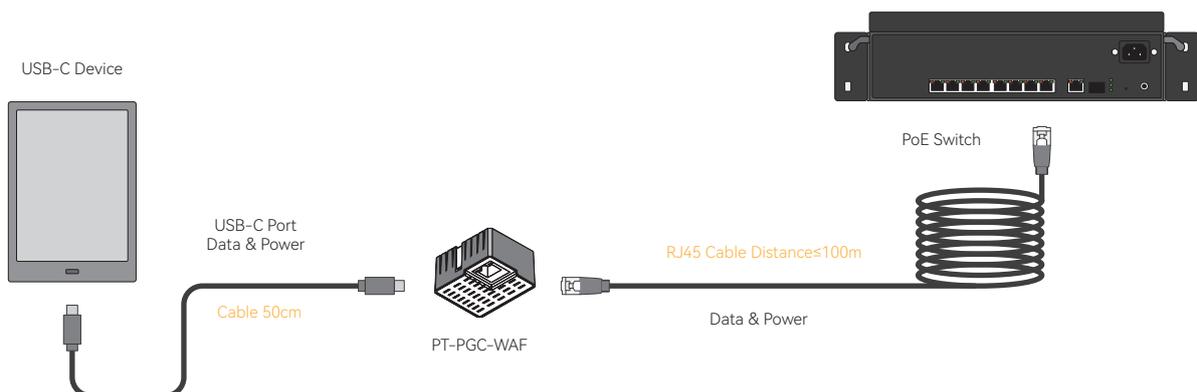## PT-PGC-WAF
PoE to USB-C Adaptor

Product Introduction

The PT-PGC-WAF delivers both power and connectivity in one streamlined solution. It converts IEEE802.3af PoE power and data from a PoE injector or switch into reliable USB-C PD output—while simultaneously providing a stable 10/100/1000Mbps Ethernet connection for your device.

Housed in a sleek black plastic casing and paired with a dedicated wall-mount kit, it offers secure, space-saving installation. With safe input support up to 57V and a steady 5V/2A USB-C output, it ensures dependable performance over distances up to 100m via Cat5e/Cat6 cabling.

Compatible with most tablets, Android smartphones, and the latest USB-C Apple devices, the PT-PGC-WAF is an ideal choice for powering and networking your smart space—simply and efficiently.

Product Connection Diagram

USB-C Device

USB-C Port
Data & Power

Cable 50cm

PT-PGC-WAF

RJ45 Cable Distance≤100m

Data & Power

PoE Switch

Product Specification

Item	PT-PGC-WAF
Input Port	RJ45
Input	44-57Vdc/0.3A Max
Input Standard	IEEE 802.3af
Output Port	USB Type-C Female Connector
Output	5Vdc 2.0A
Output Power	10W
Output Ripple	< 100mV
Data Rate	100/1000Mbps
USB Standard	USB3.0/USB2.0/USB1.1
EMS	IEC61000-4-2(ESD), IEC61000-4-3(RS), IEC61000-4-4(EFT)
OCP	Hiccup mode
SCP	Hiccup mode
MTBF	200000 Hours
Enclosure	Black Plastic
Installation	Wall Box Installation
IP Rate	IP40
Op Temp	0℃ ~ 40℃
Op Humid	20%-80%, non-condensing
Op Alt	Up to 2000m
Stor Temp	-20℃ ~ 60℃
Stor Humid	10%-90%, non-condensing
Size	50.1mm X 41.0mm X 25.2mm
Certification	CE FCC

Model Comparison Chart

Item	PT-PC-WAF	PT-PDC-WAF	PT-PGC-WAF
Input	RJ45:44-57Vdc/0.3A max IEEE 802.3af		
Output Port	USB Type-C Female Connector		
Data Rates	-	10/100Mbps	100/1000Mbps
USB Standard	-	USB2.0/USB1.1	USB3.0/USB2.0/USB1.1
Size	50.1mmx41.0mmx25.2mm		