

Grandstream Networks, Inc.

Power over Ethernet Injector - **Quick Installation Guide**

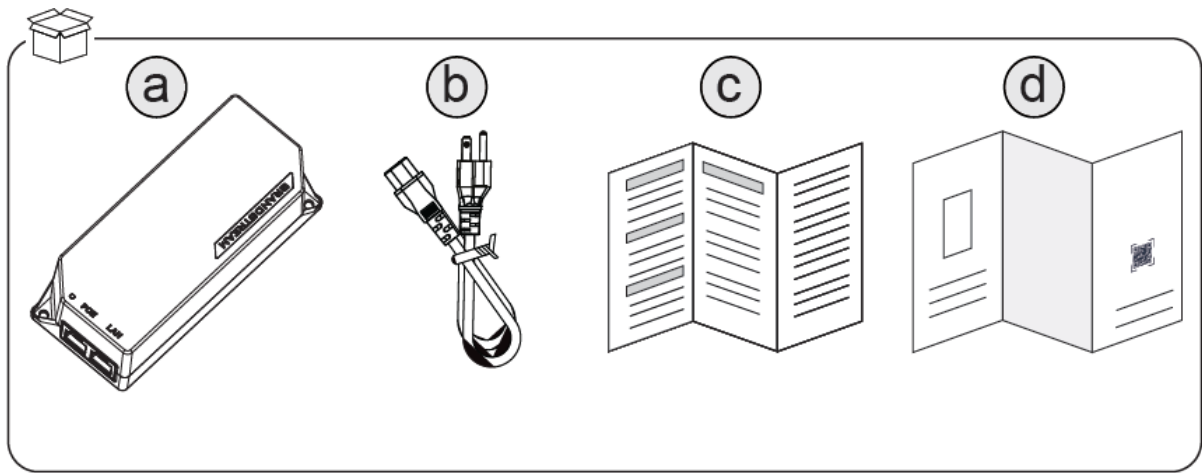


Power over Ethernet Injector – Quick Installation Guide

Introduction

GS-POE15W-MG, GS-POE30W-MG, and GS-POE60W-MG are plug-and-play PoE Injectors, which provide power for Grandstream’s PoE powered devices, such as Wireless Access Points, IP phones, etc. They comply with IEEE 802.3af/at/bt standards. GS-POE15W-MG and GS-POE30W-MG have 2x 2.5G network ports and GS-POE60W-MG has 2x10G network ports and all models include a built-in power adapter with 1.2m AC cable.

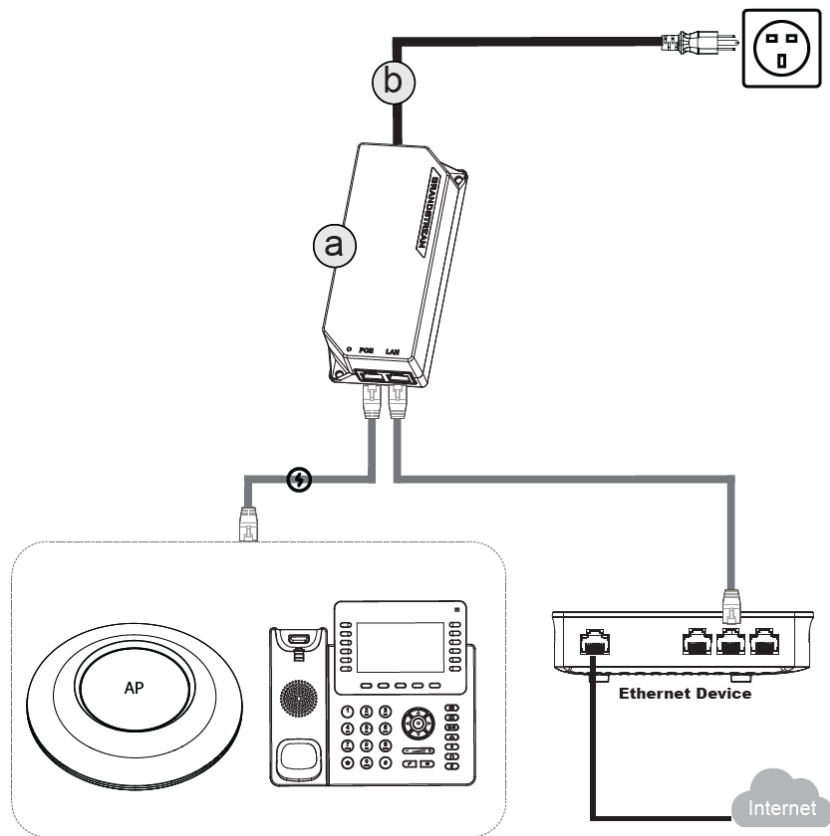
Package Content



a	GS-POE15W-MG/GS-POE30W-MG/GS-POE60W-MG
b	1x 1.2m (10A) AC Cable
c	Regulatory Paper
d	Quick Installation Guide

Powering and Connecting the GS-POE

1. Plug an Ethernet cable from your switch/router into the **LAN port** of the PoE injector (labeled "LAN").
2. Connect another Ethernet cable from the **PoE port** of the injector to the **PoE-powered device** (e.g., IP phone, AP, or camera).
3. Plug the injector’s power cord (b) into a wall outlet to supply power.
4. Ensure the PoE device powers up and has network connectivity. Check LED indicators on the injector and device.



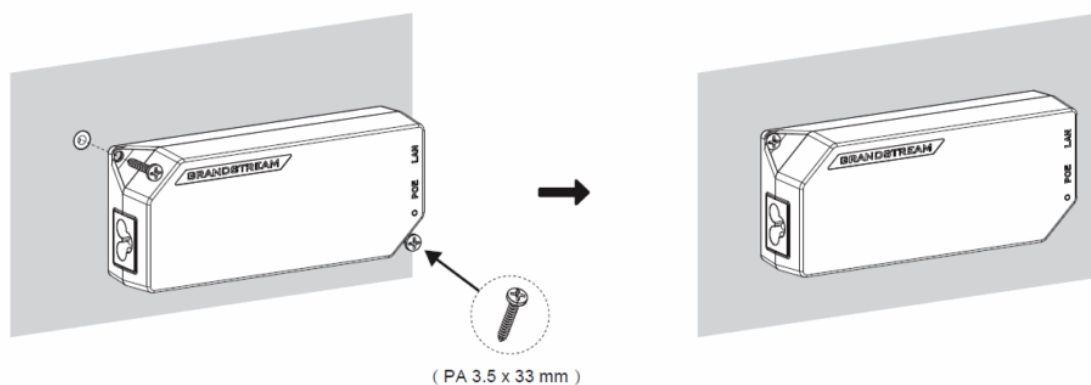
Note

- Please use standard Category 5 or higher twisted pair cables for connection. If non-standard network cables are used, the driving distance may be shorter than 100 meters.
- For the GS-POE60W-MG model, it is recommended to use Cat6a/Cat7 network cables to achieve 5G/10G transmission rates, and the transmission distance is 30-80 meters.

Wall Mount

The GS-POE device can be wall-mounted as follows:

1. Position the device horizontally on the wall.
2. Mark and drill two holes aligned with the screw positions on the GS-POE device.
3. Secure the device to the wall using two PA 3.5 × 33 mm screws (not included).



Wall Mount

Ports and LED Indicators

LED Status	Indication
Solid blue	AC input is normal, no PD devices such as AP are connected.
Solid purple	AC input is normal, PD devices such as AP are connected and are being powered.
Blinking blue/OFF	AC input is abnormal or the PD devices such as AP are short-circuited or overloaded.

Models	GS-POE15W-MG	GS-POE30W-MG	GS-POE60W-MG
Standards	IEEE 802.3 af	IEEE 802.3 af/at	IEEE 802.3 af/at/bt
Interface Ports	1xAC power Jack 1x2.5Gbps RJ45 LAN IN 1x2.5Gbps RJ45 LAN OUT with PoE		1xAC power Jack 1x10G RJ45, LAN IN 1x10G RJ45, LAN OUT with PoE
Input Voltage	100~240VAC, 50/60Hz		
Output Voltage	54VDC 1,2 +; 3,6 –	54VDC 1,2 +; 3,6 –	54VDC 1,2/4,5 +;3,6/7,8 –
PoE Output Power	20W	30.2W	60W
Environmental	Operation: 0°C to 45°C Storage: -10°C to 60°C Humidity: 10% to 90% Non-condensing		
Dimension	140.55mmx60.3mmx35.4mm		

Precautions

Before using and operating the device, please read and follow the precautions below to ensure stable performance and avoid dangerous or illegal situations.

1. The device is for indoor use only.
 2. Do not open, disassemble or modify the device.
 3. Please install the device near the power outlet and ensure that the power can be easily connected and disconnected at any time.
 4. Ensure that the input voltage is within the input voltage range marked on the device.
 5. Please use the power cord provided in the package to power the device.
 6. Do not use if the device shell or the power cord is damaged.
 7. Do not expose the device to temperatures outside range of 0°C to 45°C (in operation) and -10°C to 60°C (in storage).
 8. Do not expose the device to environments outside of the following humidity range: 10-90% RH (non-condensing).
 9. Ensure that the environment is well ventilated and leave about 30cm of heat dissipation space around the device.
 10. Do not place the device in an overheated, wet, vibrating, or dusty environment to avoid causing device failure.
 11. Pay attention to strong electricity and lightning protection. If necessary, take effective measures to avoid introducing strong electricity or lightning into the device.
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