

User Guide

用户手册

单口千兆中跨
Gigabit PoE Injector

Package Contents

Check the following contents of your package:

- PoE Injector x 1
- User Guide x 1
- Power Cord x 1
- Feet x 4

If any part is lost and damaged, please contact your local agent immediately.

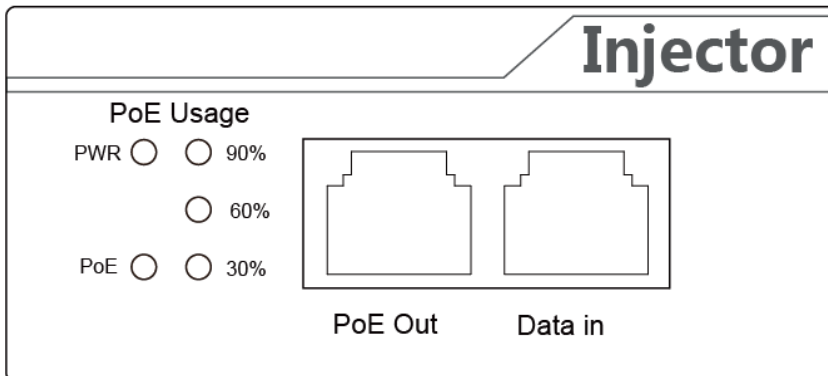
Introduction

PoE Injector Provides fully complies with IEEE 802.3af/at/bt standard, and can work with all IEEE 802.3af /at/bt PoE compliant PDs (Powered Devices) or PoE Receiver Adapters or other equivalent product, to expand your network to where there are no power line or outlet, where you wish to fix device such as AP, IP Camera or IP Phone, etc.

Hardware Description

Front Panel

The front panel composed by PSE output ports with data link port, the relevant indicator, as shown below:



Intelligent display of PoE power supply

When using the PoE power supply to connect the PD equipment, you should wait patiently for about 10S.

LED indicator

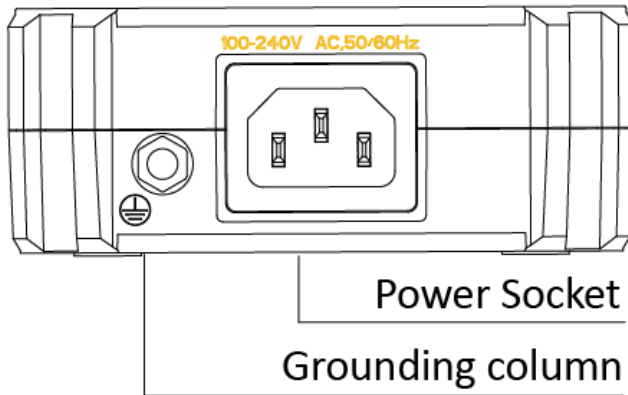
LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the machine has power.
PoE	Green	Off: No PoE powered device (PD) connected. Light: There is a PoE PD connected to be port, which Supply power successfully. Blink: Indicates port abnormal power supply.
PoE Usage	Green	the output power reaches 30%, "30%" lights, the output power reaches 60%, "30% to 60%" lights. the output power is up to 90%, PoE Usage the indicating lamp will all light

Grounding column

The machine already comes with lightning protection mechanism. You can also ground the machine through the PE (Protecting Earth) cable of AC cord or with Ground Cable.

Rear Panel

The rear panel of AC inlet power socket and Grounding column.



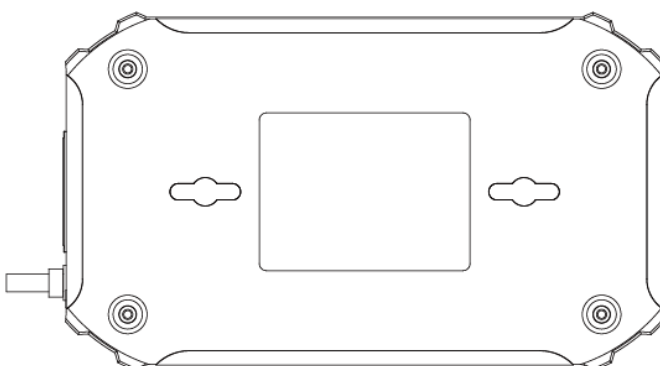
Installation

This part describes how to install your machine and make connections to it. Please follow the following instructions in avoid of incorrect installation causing device damage and security threat.

- Before cleaning the machine, unplug the power plug of the machine first. Do not clean the machine with wet cloth or liquid;
- Do not place the machine near water or any damp area. Prevent water or moisture from entering the machine chassis;
- Do not place the machine on an unstable case or desk. The machine might be damaged severely in case of a fall;
- Ensure proper ventilation of the equipment room and keep the ventilation vents of the machine free of obstruction;
- Make sure that the operating voltage is the same one labeled on the machine;
- Do not open the chassis while the machine is operating or when electrical hazards are present to avoid electrical shocks.

Desktop Installation

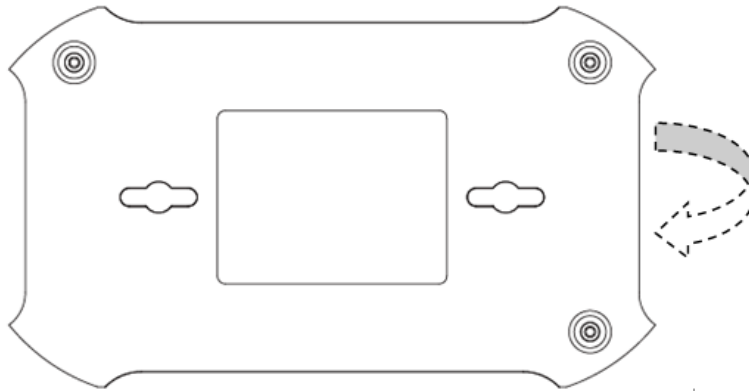
Install the machine on a desktop, please attach these cushioning rubber feet provided on the bottom at each corner of the machine in case of the external vibration. Allow adequate space for ventilation between the device and the objects around it.



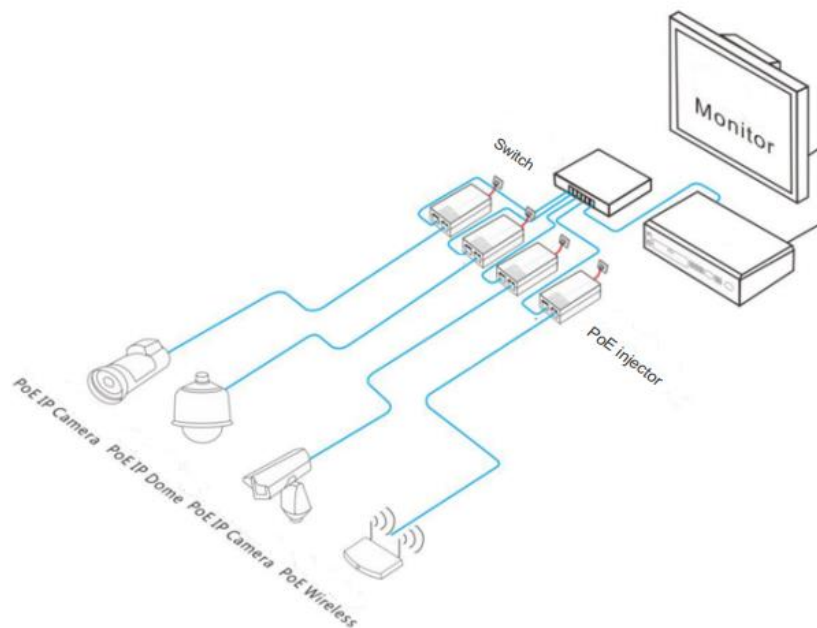
Wall-mounted installation

In the first two fixed screw on the wall as shown in the figure below

Aim at the two fixed hole switches, and the machine smoothly on the screw



Application diagram of PoE injector:



Power on

The machine can be used with AC power supply. Powering on the machine, it will automatically initialize and its LED indicators will respond as follows:

Firstly, the Power LED indicator will light up.

Then, the data LED indicators will flash momentarily for one second, which represents a resetting of the system.

Specifications

Model	PoE injector
Port	Data in port:1 x 10/100/1000Mbps RJ45 port PoE out port : 1*10/100/1000Mbps RJ45 port
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3bt
Network Media(Cable)	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m)
Dimensions (L*W*H)	160*94*40mm
mains input	AC 100V-240V 50/60Hz
PoE power output	DC 55V Power 95W
PSE Power on RJ-45	4 Pair Data Pairs 1/2(-),3/6(+) Spare Pairs 4/5(+),7/8(-)
PoE Output	95W(Max)
Temperature	Operating Temperature: 0°C ~ 40 °C (32 °F ~104°F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing

包装清单

小心打开包装盒，包装盒内应有以下物件：

千兆供电器..... 一台
用户手册.....一本
电源线.....一根
脚垫..... 4 个

如果发现有物件损坏或者短缺的情况，请及时和当地经销商联系。

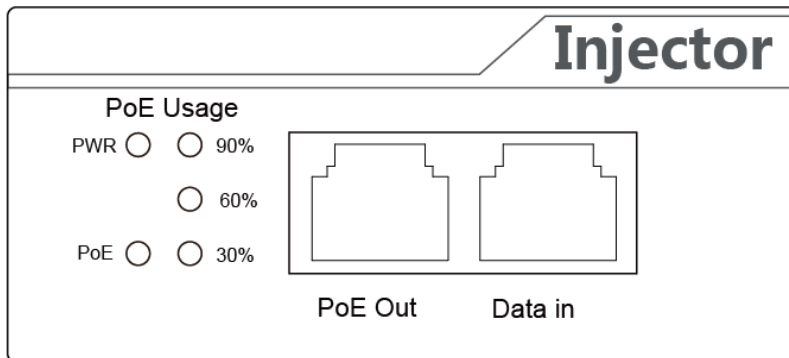
产品简介

千兆中跨采用 4 对线供电的方式，完全符合 IEEE 802.3af/at/bt 标准，可将电能加载在网线上进行传输，最大传输距离为 100m。自动检测识别符合 IEEE 802.3af/at/bt 标准的受电设备，并自动匹配输出功率为其供电。对于不支持 PoE 功能的终端设备，可以通过 PoE 分离器配套使用，可拓展传统电力线网络，减少电力线使用。

外观描述

前面板

前面板由 PSE 输出端口跟数据上联口组成，相关的指示灯组成，如下图所示：



PoE 供电智能显示

用 PoE 供电器连接 PD 设备时，需耐心等待约 10S，PoE 灯会检测 PD 设备

LED 指示灯

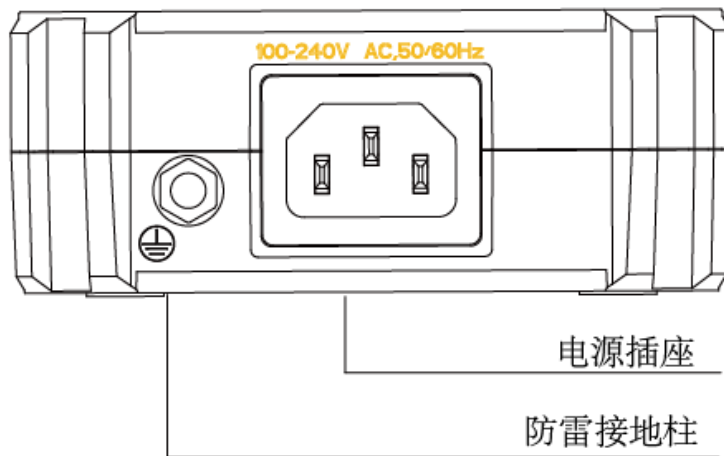
指示灯	颜色	描述
PWR	绿色	灭：机器未通电。 常亮：机器已通电。
PoE	绿色	灭： PoE端口没有供电 常亮： PoE端口正在供电 闪烁： PoE 端口供电异常
PoE Usage	绿色	输出功率达到 30%时，“30%”指示灯会亮绿色， 输出功率达到 60%时，“30%跟 60%”指示灯会亮绿色。 输出功率达到 90%时， PoE Usage 指示灯都会亮绿色

防雷接地柱

位于后面板左侧，请使用导线接地，以防雷击。

后面板

后面板示意图: AC 电源插孔连接电源线，防雷接地柱。



安装设备

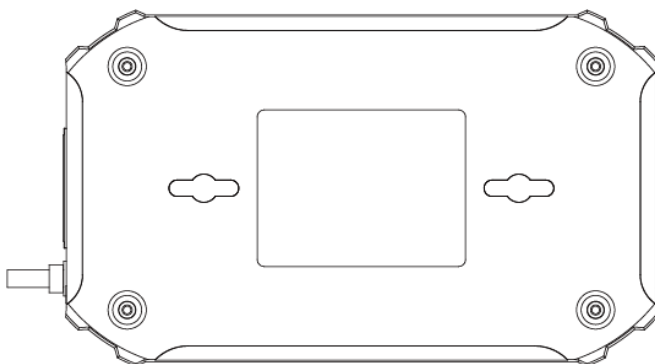
注意事项

为避免使用不当造成设备损坏及对人身伤害，请遵从以下的注意事项：

- 在清洁机器前，应先将机器电源插头拔出。不要用湿润的布料擦拭机器，不可用液体清洗机器；
- 请不要将机器放在水边或潮湿的地方，并防止水或湿气进入机壳；
- 请不要将机器放在不稳定的箱子或桌子上，万一跌落，会对机器造成严重损害；
- 应保持室内通风良好并保持机器通气孔畅通；
- 机器要在正确的电压下才能正常工作，请确认工作电压同机器所标示的电压相符；
- 为减少受电击的危险，在机器工作时不要打开外壳，即使在不带电的情况下，也不要随意打开机壳。

桌面安装

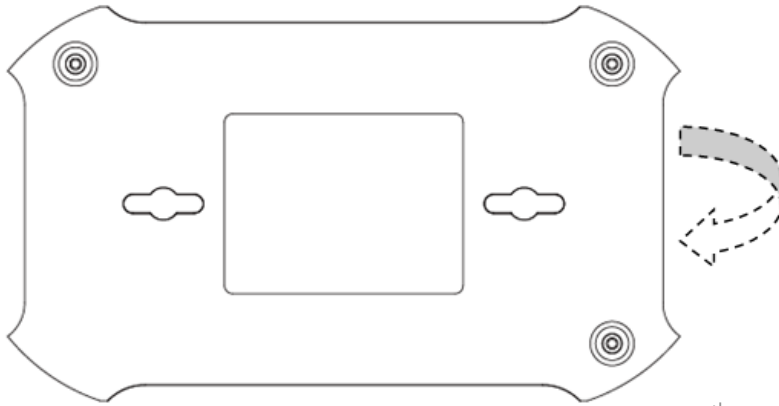
小心将机器正置，放在工作台上。(检查机器是否贴好脚垫，以免防滑)



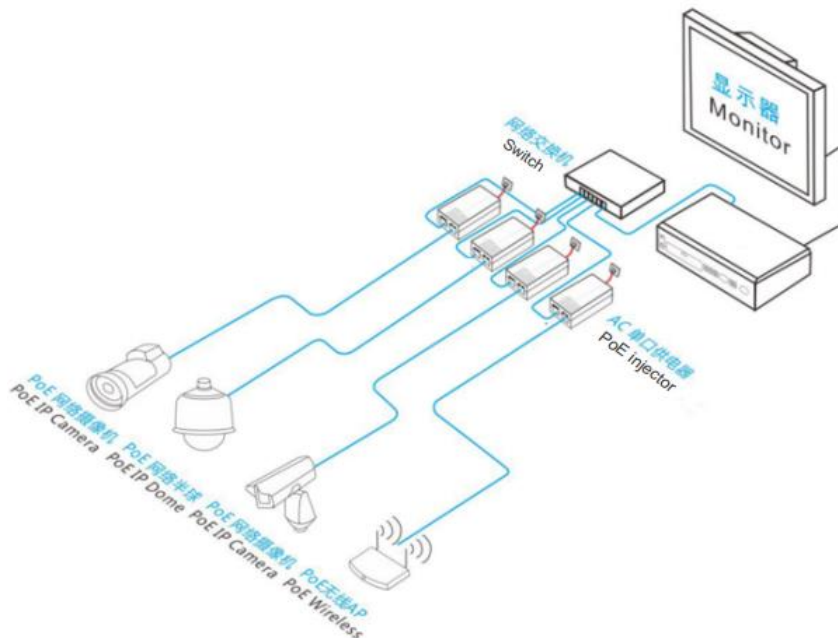
壁挂式安装

请按照以下步骤安装机器：

在墙壁上先固定两颗螺钉 如下图所示对准机器的两个固定孔，把机器平稳的挂在螺钉上



中跨供电应用示意图：



通电

接上电源线，插上插头，接通电源。开机以后，千兆 PoE 中跨将自动进行初始化，所有的端口指示灯全亮后熄灭，表示系统复位成功。电源 LED 指示灯一直常亮。

注意：上电前请确认电压是否正确，否则将损坏设备。（电源输入范围 100-240V AC 50/60Hz）。

技术规格

产品名	千兆 PoE 中跨
端口	Data in 口 : 1x10/100/1000Mbps 自协商 RJ45 端口 PoE out 口 : 1x10/100/1000Mbps 自协商 RJ45 端口
标准	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3bt
网络介质 (线缆)	10BASE-T: Cat 3,4,5 非屏蔽类双绞线(≤100m) 100BASE-TX: Cat 5 及以上非屏蔽类双绞线(≤100m) 1000BASE-T : Cat 5 及以上非屏蔽类双绞线(≤100m)
尺寸(长*宽*高)	160 *94 *40 mm
电源输入	AC 100V-240V 50/60Hz
PoE 端口输出	输出电压 : DC 55V , 功率 : 95W
PoE 供电线对	四对线供电 : 数据线对 1/2 (-)和 3/6 (+) 空闲线对 4/5 (+)和 7/8 (-)
PoE 端口输出	95W (Max)
工作温度	0°C ~ 40 °C
存储温度	-40 °C ~ 70 °C
工作湿度	10% ~ 90% 无凝结
存储湿度	5% ~ 90% 无凝结