1 Package Contents

- Check the following contents of your package:
- PoE Extender x 1
- User Guide x 1
- Wrench x 1
- Accessories (water joint)

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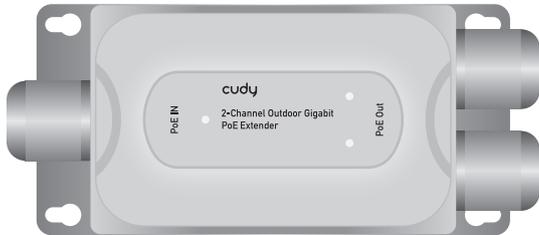
2 Introduction

This Product is a Gigabit IP67 waterproof PoE extender independently developed by our company. It supports one JR45 (PD) port in and 95W input(IEEE802.3bt). Two ports have PSE function, each supporting up to 30W output, without configuration, plug and play.

Professional room shell design, adapted to various harsh environments, with high stability, reliability, industrial level, wide temperature. The whole machine does not need power adapter, so it is convenient for harsh outdoor environment .reliable and convenient power for outdoor work AP, cameras etc.

3 Hardware Description

Front Panel

The front panel composed by PSE output port，input port and relevant indicator, as shown below:

LED	Color	Function
LAN	Green	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully established at 10/100/1000Mbps. Blink: transmitting data and power.

Desktop Installation
Install the machine on a desktop, place the machine carefully on the counter, the bottom is as follows:

Wall-mounted installation
Please follow these steps to install the machine:
First fix the four screws on the wall (screw cap diameter recommended 5.5-6.5mm) and turn the machine upside down. Align the four fixing holes of the machine as shown below and hang the machine smoothly on the screws.
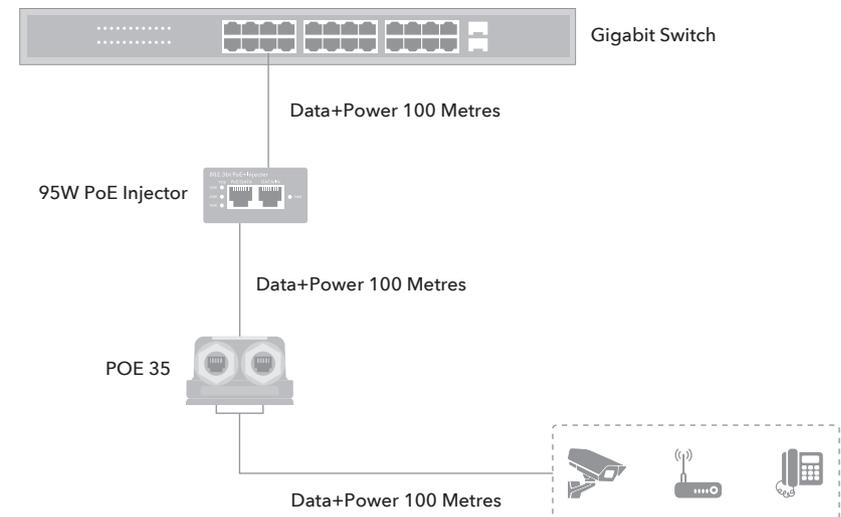

Schematic diagram of left panel: input port (PoE In) and grounding column, Standard network Cate5 cable (line diameter 5.5mm).
Schematic diagram of right panel: the output port (PoE out) requires the use of standard network cate5 cable (Line diameter 5.5mm).

Left Panel

Right Panel

4 Application diagram of PoE Extender

Gigabit Switch

Data+Power 100 Metres

95W PoE Injector

Data+Power 100 Metres

POE 35

Data+Power 100 Metres

5 Specifications

Model	POE35
Port	PoE in port:1 x 10/100/1000Mbps RJ45 port PoE out port : 2 x 10/100/1000Mbps RJ45 port
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE802.3at, IEEE802.3bt，IEEE802.3x
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)	150*73*44MM
PoE input	95W Max
PoE power output	48-55V DC Max.30W
PSE Power on RJ-45	PoE in port: Anode1/2 Cathode3/6 or Anode4/5 Cathode7/8 PoE out port: Anode7/8 Cathode4/5
Temperature	Operating Temperature: -20°C ~ 60 °C
	Storage Temperature：-40 °C ~ 80 °C
Humidity	Operating Humidity: 10% ~ 90% non-condensing
	Storage Humidity: 5% ~ 90% non-condensing
Waterproof rate	IP67
Hazardous rating	IK10

EU declaration of conformity

Cudy hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC and 2011/65/EU.The original EU declaration of conformity may be found at http://www.cudy.com/

Email: support@cudy.com

CE EHL FC VCI RoHS
Made in China
810600100

Quick Installation Guide

Model: POE35

Email:
support@cudy.com

Driver & Manual:
www.cudy.com/download