

USER GUIDE

PoE & Optical Transmission ////////////////

PoE Switch



Statement

Copyright © 201 IPCamPower.com

This document contains proprietary information that is protected by copyright. No part of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise without the prior written permission of Our company.

The information and product specifications within this document are subject to change at any time, without notice and without obligation to notify any person of such change.

Packing List

- 1 PoE switch
- 1 Power Cord / Adapter
- 1 Mounting Kits
- 1 User Guide

Product overview

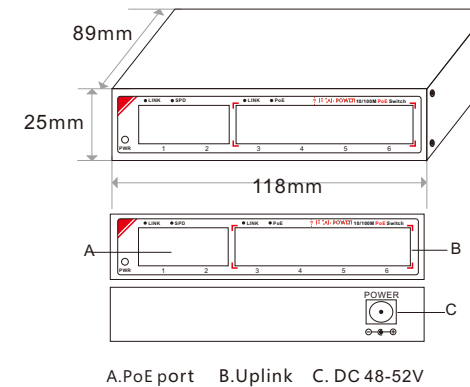
Product Introduction

IPCP-4P2G-AF2 PoE Switch was designed specifically for IP cameras that utilize the standard PoE power type of 802.3af. This is a great PoE switch for systems utilizing 4 cameras or less. However, this PoE switch can be used to power any type of device that uses standard PoE power such as IP phones, Wireless access points, and other devices that use the 802.3af standard.

Feature

- Complies to IEEE802.3af standards.
- 4 10/100 PoE powered Ports with 2 additional 10/100 non-powered uplink ports.
- All the ports support Auto MDI/MDIX.
- Each PoE port support Power up to 15.4Watts(IEEE802.3af)
- Compatible with Powered device applied to IEEE802.3af
- Support IEEE802.3x Full Duplex flow control and Duplex back pressure flow control function
- Automatic MAC address learning and updating.
- 4K MAC Address
- 16G Broadband and 192Kb forwarding memory.
- High performance full load power configuration.
- LED indicator monitor working status and help fault detection

Technical Structure and Port Description



A.PoE port B.Uplink C. DC 48-52V

Indicator description:

Indicator	Status	Description
Power indicator: P	Green LED ON	Normal Power Supply
	Grey	Power OFF
PoE Indicator: PoE	Green LED ON	Connected PD Device, working properly
	Green LED Blink	Short circuit or current overload
	OFF	No Connected PD or Power OFF
Link indicator: Link	Yellow LED Blink	Data transmission properly
	Yellow LED ON	Connected with 10Mbps, 100Mbps or 1000Mbps PD
	OFF	No connected PD
Rate indicator: 100M	Green LED ON	Working in 100M rate mode
	Green LED OFF	Do not work in 100M rate mode
Rate indicator: 1000M	Green LED ON	Working in 1000M rate mode
	Green LED OFF	Do not work in 1000M rate mode
Rate indicator: 1000M POE33064P/POE33064PN	Green LED ON	Working in 1000M rate mode
	Green LED OFF	Working in 10/100M rate mode

⚠ Note

Please confirm that the PD devices are complying with IEEE802.3af standard.

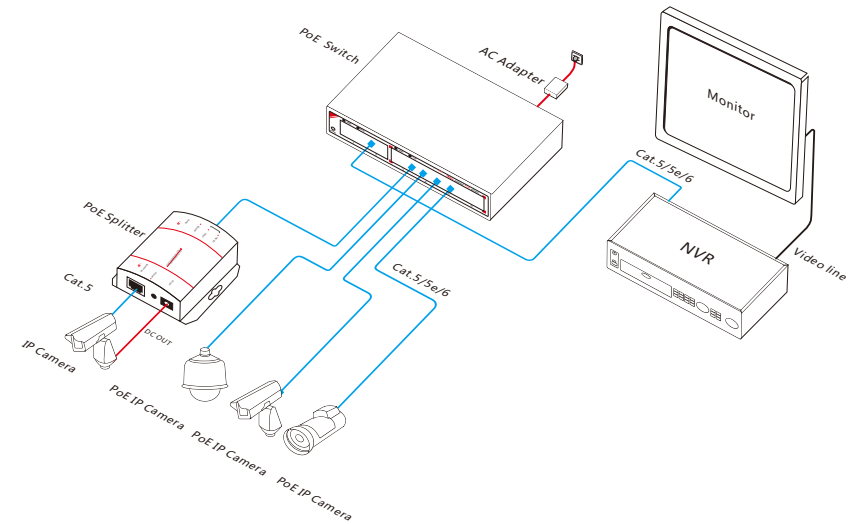
PoE Priority: This function will protect the switch when it is overloaded, if all devices consumption are higher than specified, switch ports will be sorted by priority: Port 1, Port 2, Port 3, etc. then the power supply of lowest priority will be turned off.

Power Plug / Adapter: Please only use the included power supply as the switch may be damaged if mismatched power is applied.

PoE Port Indicator Lights: There are indicator lights on the front panel that will show you if the switch is supplying power to a PoE capable device.

Network Traffic Indicator Lights: There are lights on the front panel that will show if your plugged in device is transmitting / receiving network data at an appropriate rate.

Connection Diagram



Installation guide

Please install with the supporting devices.

Installation

Please confirm the following things before installation:

- 1 If the POE ports power meets the power requirements of the connecting devices.
- 2 If the POE standard requirement and power supply match with the power receiving device, "1/2+、3/6-(End-span).
- 3 If the output power of the supporting power adapter is consistent with the specification in the label of the POE switch.

Please install the POE switch according to the following steps:

- 1 Put the POE switch on the surface of a large and stable table.
- 2 Plug the power adapter into the power connector, and then connect the power outlet through the power cord.
- 3 Connect the network devices to the POE switch ports with network cable.

⚠ Note

Please do not put heavy products on the POE switch, and please ensure good ventilation environment for the POE switch. Please cut off the power first before plugging the power adapter.

Power

Connect the power cord, plug it in, turn on the power. When turned on, the switch will automatically initialize, and at this time the following cases will occur for the LED lights:

1. All lights will flash brightly except for the PoE ports, which means a successful power boot has occurred.
2. Power LED remains lit.

⚠ Note

If initialization is inconsistent with the above, please check the power.

Model Descriptions and Installation

IPCP-4P2G-AF2 : 4*2 Ports 10/100 Switch, Transmission Distance 100M , 3-6 Port Support PoE , IEEE 802.3af , 15.4W for each Port, Total Power 65W, Internal PSU (Built-in Power)

Connect to power

PoE switch adopts AC 100-240V, 50/60Hz.

1. Please check the power supply specification matches with the required;
2. Connect switch power wire to AC power socket

After installation, please check:

If there is enough space for heat sink; if the power socket is suitable for switch specification; if the power, switch and rack are properly grounded and if the connection between switch and other network equipments are normal.