

USER GUIDE

PoE & Optical Transmission **////////////////////**
10/100M 24 Ports PoE Switch



Statement

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Packing List

- 1 Gigabit PoE switch
- 1 Power Cord / Adapter
- 1 Mounting Kit
- 1 User Guide

Product Overview

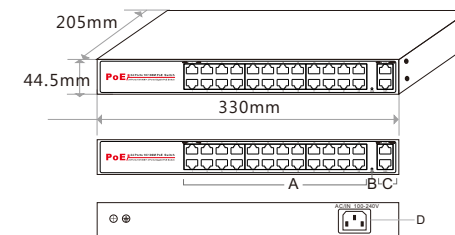
Product Introduction

The IPCP-24P2G-AF2 is a business class PoE switch that was designed for IP Camera Systems that utilizes 24 IP cameras or less. This switch has 24 10/100 PoE powered ports with 2 additional 10/100/1000 gigabit non-powered Uplink ports. The IPCP-24P2G-AF2 has the ability to provide up to 30 watts of power IEEE802.3at per port with a total POE power budget of 250 watts.

Features

- Complied to IEEE802.3af/at, 10Based-T, 100Based-T, 1000Based-T.
- Ethernet Port Rate: 24 self-adaptive 10/100Mbps and 2 self-adaptive 10/100/1000Mbps.
- Support IEEE802.3af PoE (15.4Watts) or IEEE802.3at(30Watts)
- PIN assignment: End-span(1/2+, 3/6-), Mid-span (4/5+, 7/8-)
- Working mode: asynchronization, point to point, full/half duplex self-negotiation.
- Ethernet Port Transmission Range: 100meters
- Cable: UTP 5E, Interface: RJ45
- 19" standard cabinet, industrial high reliability.

Technical Structure and Port Description



A. 24 Port PoE B. Working LED indicator
C. 2 Gigabit Up link Ethernet Port D. AC100-240V, 50/60Hz

Indicator description:

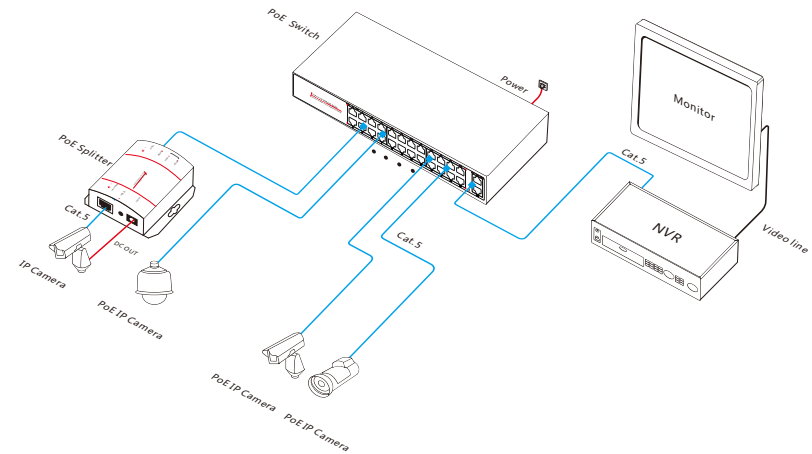
Indicator	Status	Description
Power Indicator: PWR	Green LED ON	Power ON, Normal Power Supply
	OFF	Power OFF or Power failure
Link/ACT indicator	Yellow LED ON	Connected port correctly
	Yellow LED Blink	Receiving or Sending data
	OFF	Connection failed or Abnormal Link
1000M SPD indicator	Green LED ON	Working condition 1000M
	Green LED OFF	Working condition 10/100M
PoE indicator:POE	Green LED ON	Connected standard PD, Normal Power Supply
	Green LED Blink	Short Circuit or Over Load
	OFF	No Connection or Connected PD is Non-Standard PD

PoE Indicators: The front panel has light indicators showing the status of PoE activity.

Network Traffic Indicators: The front panel has light indicators showing status of network activity.

SFP Gigabit fiber port: Two combo fiber ports, all ports support wire-speed forwarding, Rich port configuration.

Connection Diagram



Installation guide

Connect to RJ45 port

- 1.Connect one end of RJ45 wire to switch, the other end to other equipment, as shown as the figure on the right;
- 2.After power on, please check the LED indicator status. If it is on, it shows the link is OK, otherwise, the link is down. Then please check the link and make sure the other equipment is turned on, refer to the instruction on above page for details.



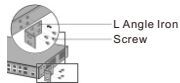
Connect to power

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

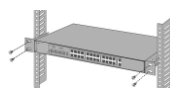
- 1.Please check the power supply specification matches with the required;
- 2.Connect switch power wire to AC power socket, shown as in the following figure.



Power Supply Connection Figure



Mounting Kits Installation Figure



Rack Installation Figure

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.

Detailed descriptions for the product model numbers

IPCP-24P2G-AF2 24-port 10/100Mbps +2-port 10/100/1000Mbps up-link Ethernet port switch , No. 1-24 ports support POE , IEEE802.3af/at, POE port output : 30watts , total power : 250watts