

User Guide

CF-POE8

8-Port Gigabit+2GE Uplink PoE Switch



PACKAGE CONTENTS

Check the following contents of your package:

- PoE Switch x 1
- User Guide x 1
- Power Cord x 1
- Accessories(Rubber Feet*4)

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

INTRODUCTION

CF-POE8 is a fast uplink Switch which provides you with a high-performance, low-cost, easy-to-use, seamless and standard upgrade to boost your old network to 1000Mbps. Increase the speed of your network server and backbone connections, making Gigabit connection to a server or uplink a network necessarily.

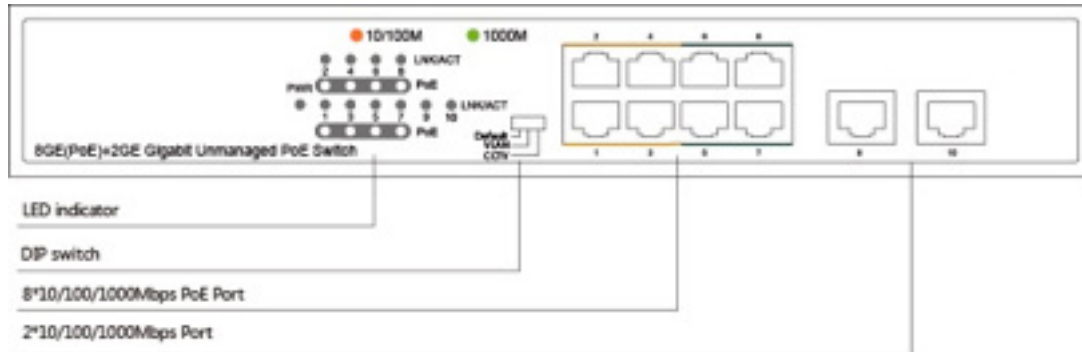
Its PoE ports can automatically detect and supply power with those IEEE 802.3af/at compliant Powered Devices (PD).

The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

HARDWARE DESCRIPTION

Front Panel

The Front Panel Consists of Ethernet Ports. The LED indicators are also located on the panel.



DIP Switch

The DIP switch is located on the left panel.

Default: the factory default mode, allows normal communication between ports 1-10.

VLAN: Ports 1-8 can be isolated to each other but Ports 1-8 can connect to Ports 9 & 10 after open VLAN to stop broadcast Storm to increase forwarding rate of frame.

CCTV Up to 250m PoE distance allows you to expand your network via Ethernet cable to where there is no power in or outlet but where you want to fix device such as IP Cameras.

Note: After change the mode, in order to make the corresponding configuration take effect you need to manually restart

LED Indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.
LNK/ACT	Orange	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully established at 10/100Mbps. Blink: Indicates that the Switch is actively sending or receiving data over that port.
	Green	Off: No device is connected to the corresponding port. Light: Indicates the link through that port is successfully established at 1000Mbps. Blink: Indicates that the Switch is actively sending or receiving data over that port.
PoE	Orange	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.

Rear Panel

The rear panel of the PoE Switch indicates an AC inlet power socket, which accepts input power from 100 to 240V AC, 50/60HZ.



Power socket

Connect the female connector of the power cord here, and the male connector to the AC (Alternating Current) power outlet. Please make sure the voltage of the power supply meets the requirement of the input voltage

Grounding column

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

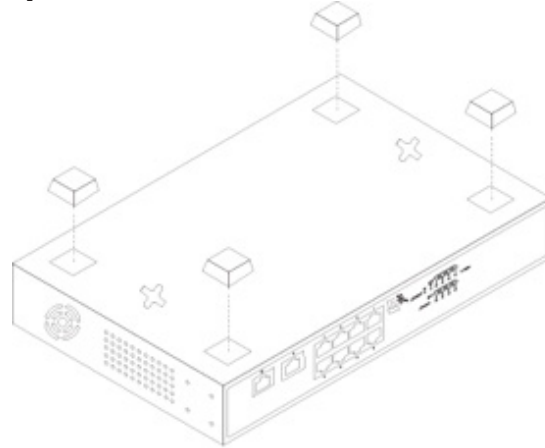
INSTALLATION OF THE SWITCH

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

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

Desktop Installation

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



Wall-mounted installation

Fixed two screw on the wall as shown in the figure below Aim at the two fixed hole on the switches, and place the switch smoothly on the screw



Turn on the switch

Please connect the AC power cord into the rear of the switch and to an electrical outlet (preferably one that is grounded). When the switch is power on, the LED indicators flash momentarily for one second, which represents a resetting of the system. The Power LED indicator turns on green.

Note: Please confirm the voltage is correct before power on, otherwise the switch will be damaged. (The power input is:100V-240Vac, 50/60Hz.)

SPECIFICATIONS

Model	CF-POE8
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at
Network Media(Cable)	1000BASE-T: UTP category 5e cable (≤100m) 10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m)
MAC Address Table	8K, Auto-learning, Auto-aging
Transfer mode	Store-and-Forward
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port 1000Base-T: 1488095pps/Port
Switching Capacity	20G
Dimensions (L*W*H)	220 *150*44mm
Fan	Fan
Power Supply	AC: 100~240V, 50/60Hz
PoE Port	Port1~8
PoE Power on RJ45	Mode A 1/2(+),3/6(-)
PoE Power Output	Voltage: 55V DC Power: 32W(Max)
PoE Power Budget	120W
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

DECLARATION OF CONFORMITY

We, ANTIFERENCE LIMITED herewith declare that the Switch complies with all essential requirements and any other applicable conditions set forth on directive 1999/05/CE.

According to the WEEE (Waste Electrical and Electronic Equipment) EU Directive, do not dispose of this product as household waste or commercial waste. Waste Electrical and Electronic Equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.