



User Guide

100M PoE Switch
S1010-8P-120/S1006-4P-65

上海博达数据通信有限公司
SHANGHAI BAUD DATA COMMUNICATION CO., LTD.

Disclaimer

Please note that the manual is for reference only. It does not constitute a legal contract or a commitment between BDCOM and any person or entity. Although every effort has been made to ensure all the information is correct, inaccuracies or typographical errors may still occur. In no event shall BDCOM be responsible or liable, directly or indirectly, for any damage or loss caused or alleged to be caused by or in connection with the manual.

BDCOM reserves the right to alter, update and otherwise change the information contained in the manual from time to time without notice.

Introduction

Overview

S1010-8P-120/S1006-4P-65 are Power Over Ethernet switch. The PoE ports can automatically detect and supply power with those IEEE 802.3af/at compliant Powered Devices (PD). The power is transmitted along with data by one single cable allowing you to expand your network where there are no power lines or outlets and which allow you to expand devices such as AP, IP Cameras or IP Phones, etc.

The PoE Switch have VLAN function that improve the network environment and reduces network maintenance costs.

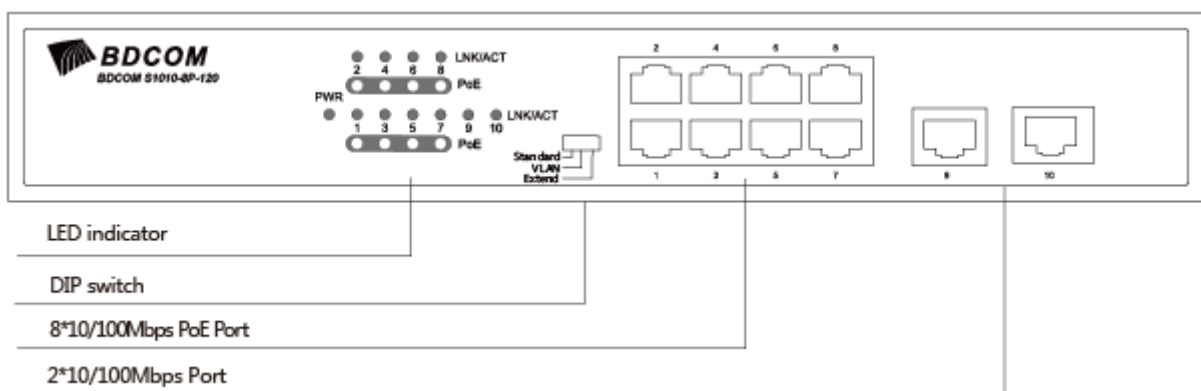
Port Feature

Model	10/100Mbps RJ45 Port	PoE Port	PoE Standard
S1010-8P-120	10	Port1~8	IEEE802.3af/at
S1006-4P-65	6	Port1~4	

Product Appearance

Front panel

The Front Panel of the S1010-8P-120 consists of 10-Port 10/100M Auto-Negotiation Ethernet RJ45 Port. The LED indicators are also on located on the panel.



DIP Switch

The DIP switch is located in the left panel.

Standard: the factory default mode, can normally communicate between port 1~10.

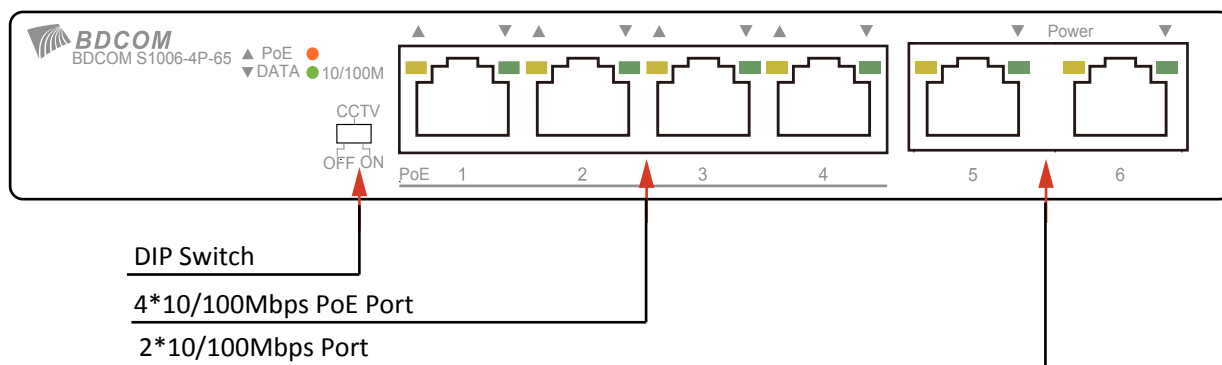
VLAN: 1-8 port can be isolated each other, but 1-8 port can connect to 9/10 port after open VLAN model to stop broadcast storm Which can increase forwarding rate of frame.

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

LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.
LNK/ACT	Green	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.
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.

The Front Panel of the S1006-4P-65 consists of 6-Port 10/100M Auto-Negotiation Ethernet RJ45 Ports, The LED indicators also on located on the panel.



DIP Switch

The DIP switch is located in the left panel.

Default mode: when open default mode ,the poe switch can normally communicate between port 1~6

CCTV mode: 1-4 port can be isolated each other .but 1-4 port can connect to 5, 6 port after open CCTV to stop broadcast storm which can increase forwarding rate of frame. The CCTV mode, allows you to expand you network via Ethernet cable to where no power line or outlet .

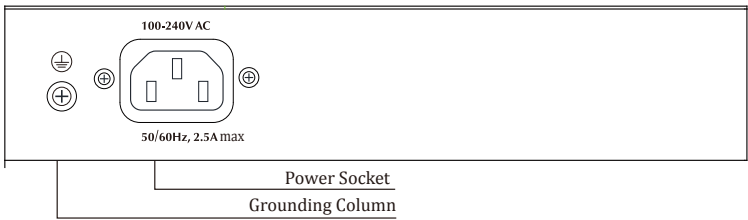
Note: After change the mode, in order to the corresponding configuration take effect.the PoE switch need to restart manually restart the PoE switch.

LED indicator

LED	Color	Function
PWR	Orange	Off: No Power supply. Light: Indicates the switch has power.
DATA	Green	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.
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.

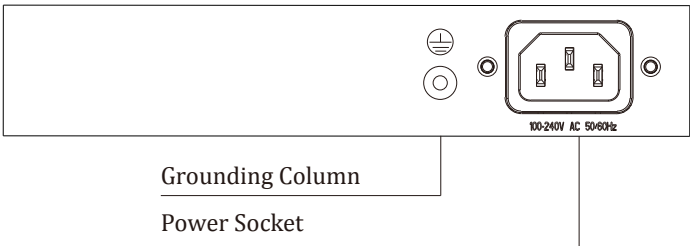
■ Rear Panel

The rear panel of S1010-8P-120 indicates AC inlet power socket .



■ Rear Panel

The rear panel of S1006-4P-65 indicates AC inlet power socket .



☐ **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**

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.



Caution : Please use the provided power cord.
Make sure the power socket has a good contact with the ground.

Installation

Package Contents

- PoE Switch..... 1
- Power Cord..... 1
- User Guide. 1
- Accessories(Rack angle iron*2, Rack installation bolt*8, plastic cushion*4)



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

Safety Precautions

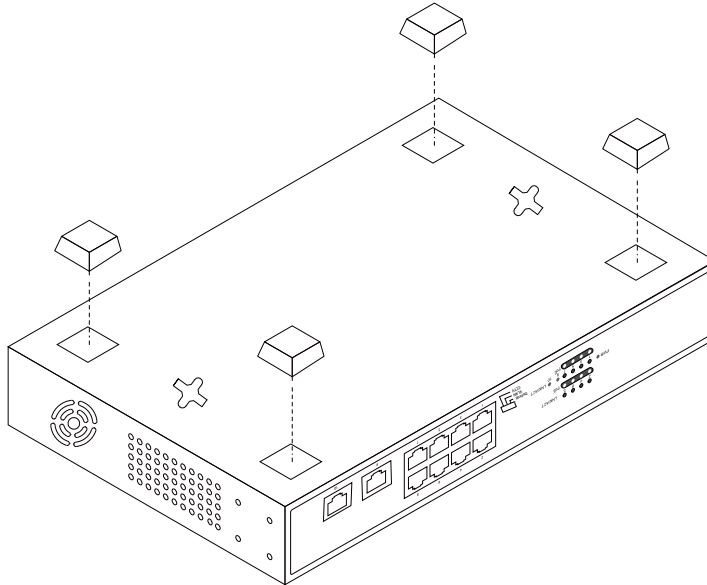
To avoid any device damage and bodily injury caused by improper use, please observe the following rules.

- Keep the power off during the installation.
- Wear an ESD-preventive wrist strap, and make sure that the wrist strap has a good skin contact and is well grounded.
- Use only the power cord provided with the switch.
- Make sure that the supply voltage matches the specifications indicated on the rear panel of the switch.
- Ensure the vent hole is well ventilated and unblocked.
- Do not open or remove the cover of the switch.
- Before cleaning the device, cut off the power supply. Do not clean it by the waterish cloth, and never use any other liquid cleaning method.

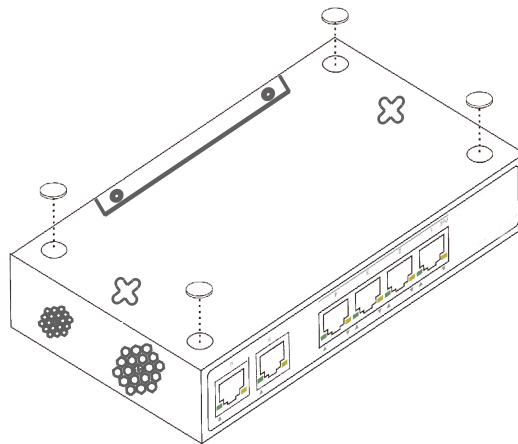
Desktop Installation

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.

The S1010-8P-120 Desktop Installation



The S1006-4P-65 Desktop Installation

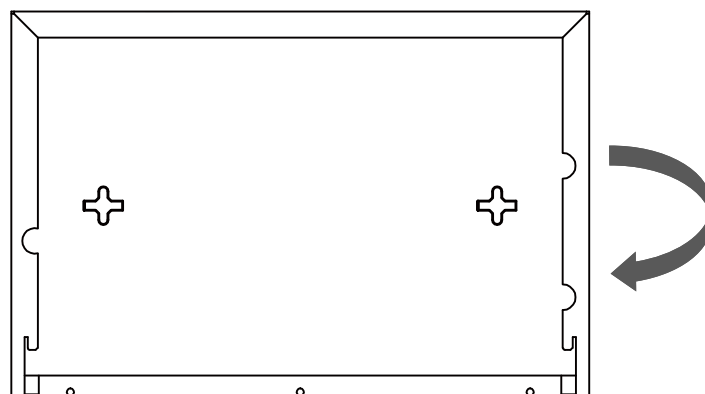


Wall-mounted installation

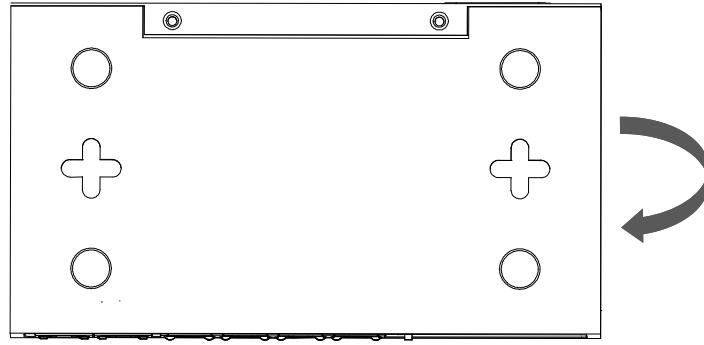
In the first two fixed screw on the wall as shown in the figure below

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

(S1010-8P-120)



(S1006-4P-65)



Turn on the switch

Plug in the negative connector of the provided power cord into the power socket of the device, and the positive connector into a power outlet . After the device is powered on, it begins the Power-On Self-Test. The PWR LED indicator will light on all the time.

Appendix Specification

Model	S1010-8P-120	S1006-4P-65
Standard	IEEE802.3, IEEE802.3u, IEEE802.3az, IEEE802.3x, IEEE802.3af, IEEE802.3at	
Port	10*10/100Mbps Auto-Negotiation RJ45 Port	6*10/100Mbps Auto-Negotiation RJ45 Port
PoE Port	Port1~8	Port1~4
PoE Power Output	32W Max	
PoE Power on RJ-45	Mode A 1/2(+) 3/6(-)	
VLAN and CCTV	Support	
PoE total	120W	60W
Forwarding Mode	Storage-and-Forward	
Switching Capacity	2G	1.2 G
Forwarding Rate	1.488Mpps	0.89Mpps
Input Power Supply	AC 100-240V 50/60Hz	
Operation Temperature	0℃ ~ 40℃	
Storage Temperature	-40℃ ~ 70℃	
Operation Humidity	10%~90%RH non-condensing	
Storage Humidity	5%~90%RH non-condensing	
MAC Address Table	8K, Auto-learning, Auto-aging	2K, Auto-learning, Auto-aging
Fan	Fanless	
Dimensions (L*W*H)	220*150*44mm	160*93*32mm
Network Media(cable)	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 100BASE-FX:MMF,SMF	



上海博达数据通信有限公司

Shanghai Baud Data Communication Co., LTD.

网址 Web: www.bdc.com.cn

地址 Add: 上海浦东张江高科技园区居里路123号

No.123, Juli Road, Pudong Zhangjiang High-Tech Park, Shanghai

邮编 Zip Code: 201203