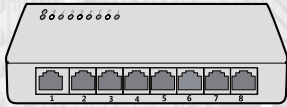


Quick Start Guide



8 Port Gigabit Unmanaged Ethernet Switch

1 Features

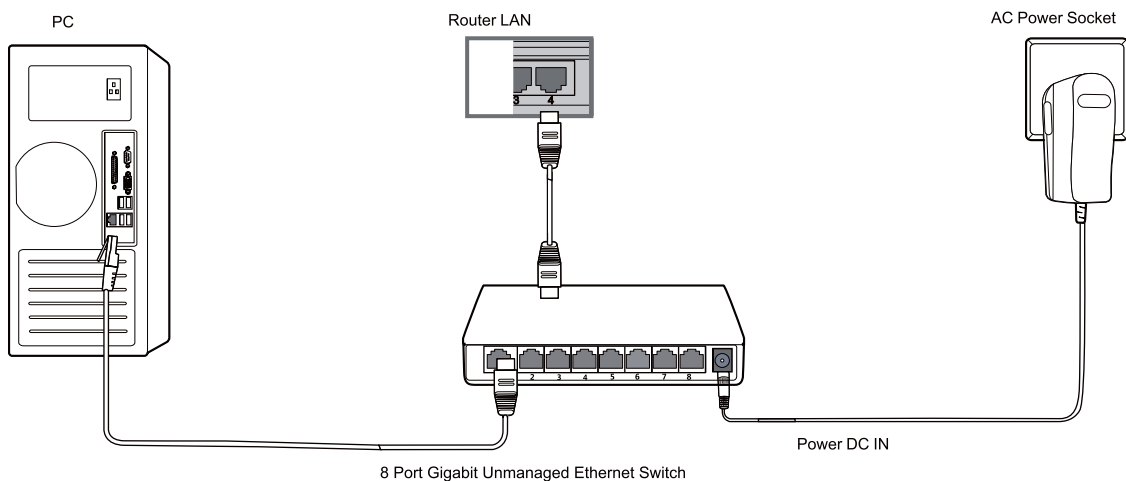
- Conforms to IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Provides 8 10/100/1000Base-T ports.
- High back-plane bandwidth 16 Gbps.
- IEEE 802.3x Flow control.



Notice: The transmission distance is related to the connected cable. Standard Cat5e/6 network cable and the quality of camera will help maximize the furthest distance possible.

2 Product Introduction

The 8 Port Gigabit Unmanaged Ethernet Switch is designed for many applications such as small home offices, internet cafes, schools and small/medium enterprises. A full gigabit Ethernet switch that is designed to upgrade to gigabit and meet high bandwidth requirements, this switch provides 8 10/100/1000 Mbps adaptive ethernet ports. All ports support full line speed, non-blocking switching and port auto flips functionality.



3 Specifications

Item		Description	
Power	Power supply	External Power Adaptor	
	Voltage Range	DC 5V	
	Consumption	<3W	
Ethernet	Speed	1~8 Port : 10/100/1000Mbps	
	Transmission Distance	100Meter (328ft)	
Network Switch	Ethernet Standard	IEEE 802.3/802.3u/802.3ab	
	Switching capacity	16G	
	Transfer Rate		14,880pps for 10Mbps
			148,800pps for 100Mbps
			1,488,000pps for 1000Mbps
MAC Address	4K MAC address table		
LINK / ACT	On	Green	
	Blinks	-	
	Off	-	
Environment	Working Temperature	0~40 °C	
	Storage Temperature	-40~70 °C	
	Humidity Non condensing	0~90%	
	Mechanical	Dimension	137 x 89 x 28mm
Color		Black	

Specifications are subject to change without prior notice

4 Installation Steps

Please check the following items before installation, if it is missing, please contact the dealer.

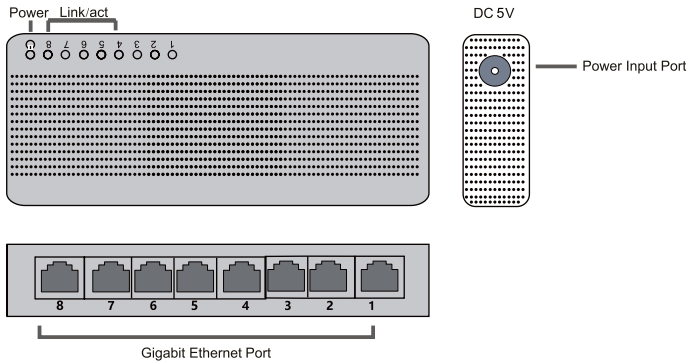
- 8 Port Gigabit Unmanaged Ethernet Switch 1pcs
- Power adaptor 1pcs
- User manual 1pcs

Please follow the below installation steps

- 1) Please turn off the signal power and display device power before installation, installation with power will damage the transmission equipment;
- 2) Use network cable to connect the PC or other wired equipment that needs to be on the provided equipment;
- 3) Use a network cable connect equipment uplink port and router LAN;
- 4) Connect the power adapter;
- 5) Check if the installation is correct, the equipment is in good condition and the connection is stable; then connect power to the system;
- 6) Ensure the Ethernet equipment has power and is working properly.

5 Board Diagram

8-Port Gigabit Unmanaged Ethernet Switch



6 Troubleshooting

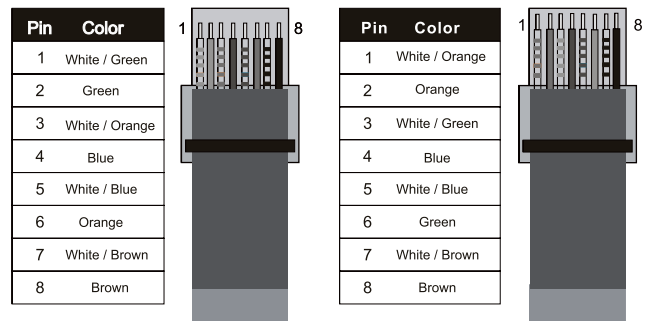
Please follow the steps if the equipment has trouble

- Make sure the equipment is installed according to the manufacturer's installation guide.
- Confirm RJ45 cable order meets EIA/TIA568A or 568B standard.
- Replace the equipment with a proper functioning 8 Port Network Switch to check if the equipment is damaged.
- Please contact your vendor if trouble still exists.

7 Plug Producing Method

Instruments to be used: wire crimper, network tester and wire sequence of RJ45 plug should conform with EIA/TIA568A or 568B.

- 1) Please remove 2 cm long of the insulating layer and bare 8 pairs UTP cable
- 2) Separate the 8 pairs UTP cable and straighten them.
- 3) Line up the 8 pieces of cables per EIA TIA 568A or 568B.
- 4) Cut off the cables to leave 1.5cm bare wire.
- 5) Plug 8 cables into RJ45 plug make sure each cable is in each pin.
- 6) Use the wire crimper to crimp it.
- 7) Repeat above steps to make additional ends.
- 8) Use network tester to test the cable.



Notice:

When choosing RJ45 make sure if one end is EIA / TIA568A. the other end should also be EIA / TIA568A. When choosing RJ45 make sure if one end is EIA / TA568B. the other end should also be EIA / TIA568B.