

Quick Start Guide



8 Port Gigabit Unmanaged Ethernet Switch

1 Features

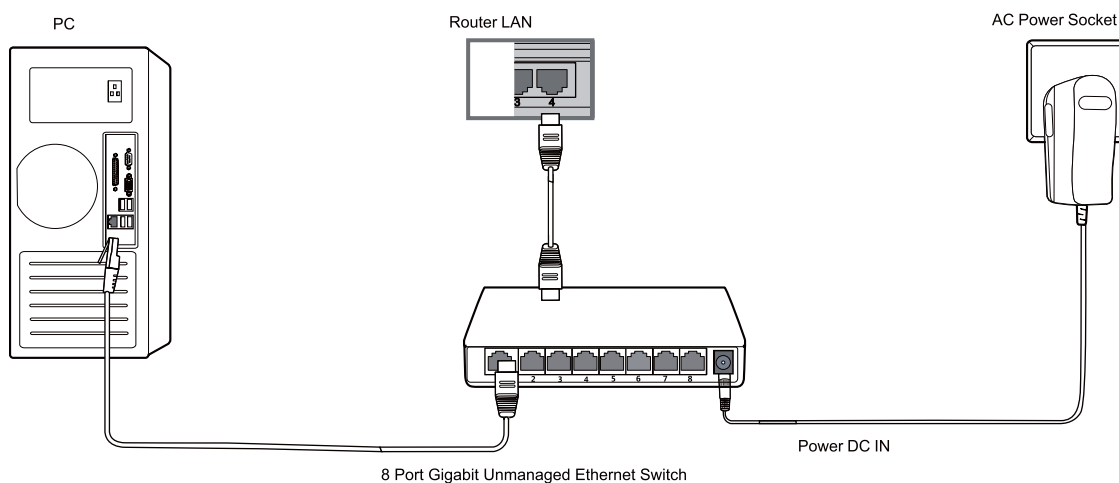
- Conforms to IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- Provides 8 10/100/1000Base-T ports.
- High back-plane bandwidth 16 Gbps.
- IEEE 802.3x Flow control.



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	The port is connecting
	Blinks	-	The port is receiving or transmitting data
	Off	-	The port is not linked successfully with the device
Enviro -nment	Working Temperature		0~40 ℃
	Storage Temperature		-40~70 ℃
	Humidity Non condensing		0~90%
Mecha -nical	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.

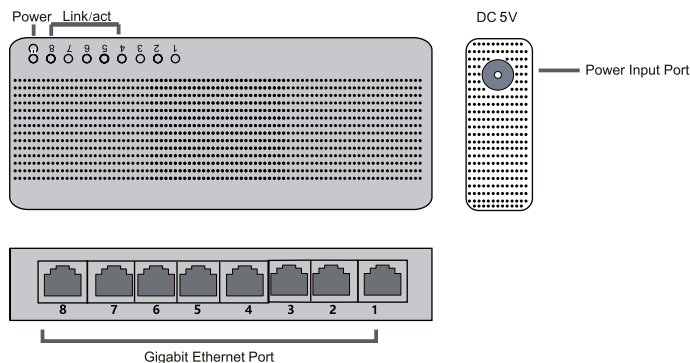
- 8 Port Gigabit Unmanaged Ethernet Switch 1pcs
- Power adaptor 1pcs
- User manual 1pcs

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 manufacture'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.

Pin	Color	1	8	Pin	Color	1	8
1	White / Green			1	White / Orange		
2	Green			2	Orange		
3	White / Orange			3	White / Green		
4	Blue			4	Blue		
5	White / Blue			5	White / Blue		
6	Orange			6	Green		
7	White / Brown			7	White / Brown		
8	Brown			8	Brown		

EIA / TIA 568A

EIA / TIA 568B



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.