

Users Manual

5 / 8 / 16 / 24 / 48 Port Fast Ethernet switch

This User's manual applies to our
STE-305-P/STE-308-P/STE-316-P/STE-324-P/STE-348-P

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1. Product Specification.

5/8/16/24/48 Port Fast Ethernet Switch is base on the 100Mbps, have 5,8,16,24,48 10/100Mbps auto-negotiation port,auto-negotiation RJ45 port .All the port support Auto MDI/MDIX . Can used as normal desk switch, also can used as mount, can guarantee the speed of the next grade switch by its Giga port.It's the best choice of the Internet coffee, university, enterprise,house, SOHO.

1.1 Article list

Check the articles kindly after you open the packing as below:

A.1 piece 5/8/16/24/48 Port Fast Ethernet switch .

B.1 piece Power line

C.1 pair “L” bracket” , 8 pieces screw, 4 pieces rubber mat.

D.1 piece User’s manual .

1.2 Switch front panel and back panel specification

A. 5/8 10/100Mbps RJ45 port is MINI desktop model, front panel including 5/8 10/100Mbps RJ45 Port Indicator and 1 power indicator ; back Panel has 5/8 10/100Mbps RJ45 Port , 1 Power supply port.

B.16/24/48 10/100Mbps RJ45 port switch is standard EIA mount infrastructure. Front panel including 16/24/48 10/100Mbps RJ45 Port and port indicator , 1 power indicator; back Panel has 1 power supply port.

Notice: Please Use the original power supply , the Non-matching power supply Would possibly damage the switch.

1.3 LED Indicators

The LED indicators of the Switch include Power,Link/ACT and 100M. The LED indicators are used to facilitate monitoring and troubleshooting of the Switch. The following shows the LED indicators for the Switch along with explanation of each indicator.

LED Indicator	Color	Status	Description
POWER	Green	Light	This indication op when the Switch is turned on
		Off	If this indicator is not light,check the AC power connector to ensure proper insertion of the power cord and the power switch is turned on.
Link/Act	Green	Light	The port is connected to an Ethernet station
	Green	Blinking	The port is transmitting or receiving data
100M	Green	Light	The port is connected to a 100Mbps Fast Ethernet station or MDI-II

Notice: Please use the original external/Internal Power supplier as its AC range, the wrong power input may cause the switch damaged.

2. Installation

When on the top of a table installing the switch, the rubber pad of equipment bottom touches ground first. There is the ventilation space that is enough between the body of equipment and vicinity.

5/8 10/100Mbps fast Ethernet switch support desktop installation.

16/24/48 switch is standard EIA size installation.

Please notice the articles below when you install the switch:

- A. Don't put heavy article in the switch.
- B. Convenience receptacle and equipment should be within 1.82 meters.
- C. Check power supply is confirmed the safe Connection.
- D. Affirms to have the ventilation that is enough, can be very good dissipates heat.

Not lay up the heavy object on switch.

16/24/48 switch can fixed into 19 inches bracket , please use the 2 pieces screws fix the “L” nog in the front of the switch, then fix the switch in the proper position in the bracket by the ”L” nog, Please also tie all the screws added for safe consideration.

2.1 SWITCH to PC

A PC can be connected to the 5/8/16/24/48 switch via a two-pair Category 5/Cat5E UTP/STP straight cable, because the switch have the MDI/ MDI-X function, can realize the MDI/ MDI-X function automatically function. The PC can be connected to any of the 5/8/16/24/48 ports .

2.2 Switch to HUB

A HUB can be Uplink to the 5/8/16/24/48 ports switch via a two-pair Category 5/Cat5E UTP/STP straight cable,because the switch have the MDI/ MDI-X function, can realize the MDI/ MDI-X function automatically function.The PC can

be connected to any of the 5/8/16/24/48 ports .

2.3 Switch to Switch

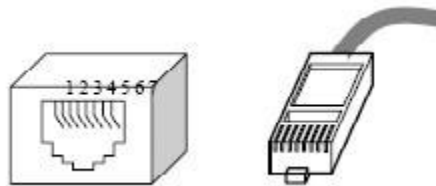
A Switch can be Uplink to the 5/8/16/24/48 ports switch via a two-pair Category 5/Cat5E UTP/STP straight cable,because the switch have the MDI/ MDI-X function, can realize the MDI/ MDI-X function automatically function.The PC can be connected to any of the 5/8/16/24/48 ports.

Notice: The 5/8/16/24/48 Port Fast Ethernet Switch have auto-negotiation function ,the port indicator situation dependents on the work model negotiation result, the indicator situation specification is as the indicator specification described above.

3. Appendix

RJ-45 PIN SPECIFICATION

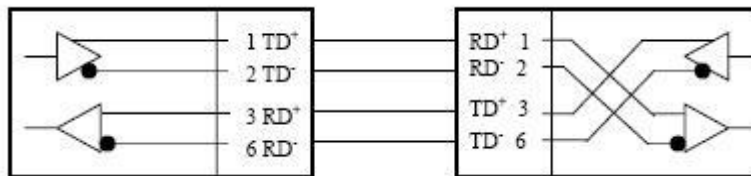
When connecting your 5/8/16/24/48 Port fast ethernet switch to another switch, a bridge or a hub, No need to use a crossover cable. Please review these products for matching cable pin assignment.



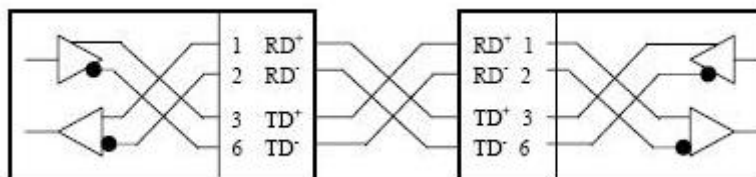
The standard RJ-45 receptacle/connector

RJ-45 Connector pin definition	
Contact	Contact
1	A_TX + (sender)
2	A_TX - (sender)
3	B_RX + (receiver)
4	C_TX + (sender)
5	C_TX - (sender)
6	B_RX - (receiver)
7	D_RX + (receiver)
8	D_RX - (receiver)

The standard Cat5,Cat5e, Cat6 STP/UTP cable, RJ-45 pin assignment,(Used for 1000Mbps connection) The following shows 10/100Mbps straight cable and crossover cable connection:



Straight cable for the 10/100Mbps ports switch (uplink MDI-II port) to switch/Hub or other devices connection



Crossover cable for 10/100Mbps ports switch (MDI-X port) to switch/hub or other network devices (MDI-X port) connection.

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STEPHEN TECHNOLOGIES CO.,LIMITED

Building NO.5, YinHu Industry Area, JinHu Road
NO.38, LuoHu District, Shenzhen,China 518029

Tel: +86 755 83016956

Fax:+86 755 83016321

Website: www.stephen-tele.com

Email: support@stephen-tele.com