



**ES-3305P / ES-3308P / ES-3316P**

# Quick Installation Guide

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## PRODUCT INTRODUCTION

### Model:

ES-3305P: 5 Port Fast Ethernet Desktop Switch

ES-3308P: 8 Port Fast Ethernet Desktop Switch

ES-3316P: 16 Port Fast Ethernet Desktop Switch

### Package Contents

Before you start using this switch, please check if there is anything missing in the package, and contact your dealer to claim the missing item(s):

- Fast Ethernet Desktop switch
- User manual
- Power Adapter

### Front Panel

#### ES-3305P



#### ES-3308P



#### ES-3316P



**LED Status:**

LED Name	Light Status	Description
PWR	On	Switch is on
	Off	Switch is off
LNK/ACT	On	Corresponding port is connected
	Off	Corresponding port is not connected
	Flashing	Corresponding port is active and transferring /receiving data.

**Back Panel**

**ES-3305P**



**ES-3308P**



**ES-3308P**



**Operating Environment**

This switching hub must be installed and operated within the limits of the specified operating temperature 0~40°C (32~104°F) and humidity (10~90% Non-condensing).

- Do not place objects on top of the unit.
- Do not obstruct any vents at the sides of the unit.

- Do not position the unit near any heating source such as a heater, radiator or in direct exposure to sun.
- Take care to ensure the unit does not come into contact with water. Consider using a dehumidifier to reduce humidity and prevent moisture entering the unit.

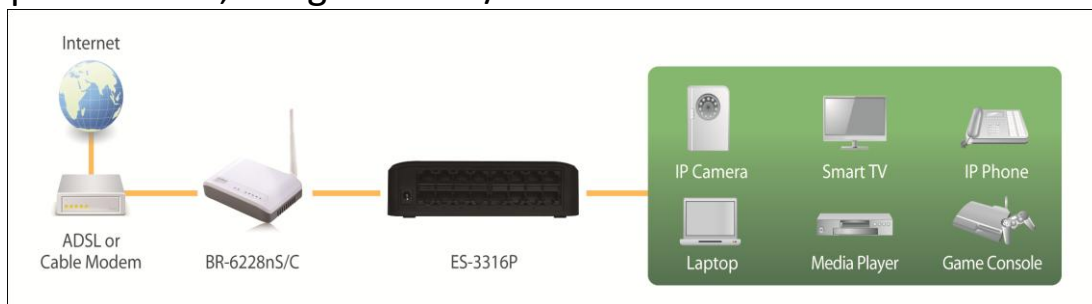
### Connecting to network devices

The RJ-45 ports on the switch support Auto-MDI/MDI-X which allows both straight-through or cross-over type cables to connect this switch to a workstation or hub.

Connect one end of the network cable to the RJ-45 port on the rear panel, and connect the other end of the network cable to the RJ-45 port on the network device. Follow the same procedure to connect all RJ-45 ports of the switch.

The UTP network cables must comply with EIA/TIA 568 specifications and Category 5 standard for data transmission. The maximum length for a UTP cable segment between the switch and connected devices is 100 meters (300ft).

Once the network cable is connected to both ends and the attached network device is powered on, the green LNK/ACT LED should be lit.



### Connecting the power

Connect the power adapter to the power connector of the unit; the green power LED on the front panel should be lit.



## **TROUBLESHOOTING**

### **1. Power LED is not lit**

Check if the power cord is properly connected to the external power adapter and the power source. Make sure the DC power jack is firmly plugged into the power socket of the switch.

### **2. Link/Activity is not lit when connected to devices**

- Ensure that the network device attached to the switch is switched on.
- Check the network cable; ensure it is properly connected to the switch and the network device.
- Check the network cable; ensure the UTP cable complies with EIA/TIA 568 and Category 5 specifications.

**[!] Contact your dealer if problems persist.**

## Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class A/B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

### FCC Caution

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

### CE Mark Warning

This is a class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.





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