

5 / 8 Ports Desktop Gigabit Ethernet Switches

ES-5500G / ES-5800G
Quick Installation Guide
Version 1.0 / September, 2009



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Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class 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 A 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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Thank you for purchasing Edimax gigabit switch. This high cost-efficiency switch complies with 10/100/1000-Base-TX standards is the best choice for Small office / Home offices users. The ES-5500G/ES-5800G supports dynamic detection of cable length and dynamic adjustment of power required for the detected cable length for power savings. The switch also can detect link status for each ports. When the port is idle, the ES-5500G/ES-5800G will reduce power usage for the port. Easy install procedures allows any computer users to setup a network environment in very short time.

Product Package

This package contains the following components:

- One Gigabit Switch
 - Quick Installation Guide
 - 5V 1A (ES-5500G) / 12V 1A (ES-5800G)
 - Accessories kit
- If any item is missing or damaged, please contact your local resellers for service.

Feature

- Complies with the IEEE 802.3, IEEE 802.3u and IEEE 802.3ab standards.
- Smart Green Ethernet technology to reduce power consumption 30%~50%.
- Provides Store and Forward architecture, full wire speed filtering and forwarding rates.
- Supports Auto-MDI/MDI-X, full/half duplex modes and auto-negotiation.
- Supports flow control; back pressure for half-duplex, IEEE 802.3x for full-duplex mode.
- Supports Jumbo Frame in all speeds mode (10/100/1000Mbps).
- Automatic source address learning and aging, extensive front-panel diagnostic LEDs.

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Front Panel & Connectors



ES-5500G



ES-5800G

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Fast Ethernet Switch LED Panel

LED	Color	Status	Description
PWR (Power)	Green	Lit	The switch is powered on
		Off	The switch is powered on
LNK/ACT (Link/Activity)	Green	Lit	A valid link is established
		Flash	Data packets received
		Off	No link is established

1. Operating Environment

This switching hub must be installed and operated within the limits of 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 heater, radiator, or direct exposure to sun.
- Prevent entering of water and moisture into the unit. If necessary, use dehumidifier to reduce humidity.

2. Connecting to network devices

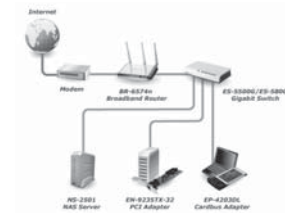
The RJ-45 ports on the switch support Auto-MDI/MDI-X function which allows using straight-through or cross-over type cables to connect this switch to workstation or hub.

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 the RJ-45 ports of the switch.

The UTP network cables must comply with EIA/TIA 568 specifications and Category 5 standard for 100Mbps data transmission. Maximum length: using UTP cable, between the switch and connected device 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.

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3. Connecting the power

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

Trouble Shooting

1. Power LED is not lit

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

2. Link/Activity is not lit when connect to device

- Check the power switch of the network device attached to the switch; make sure it is turned ON.
- Check the network cable; make sure it is properly connected to the switch and the network device.
- Check the network cable; make sure the UTP cables comply with EIA/TIA 568 and Category 5 specification.

[!] Contact your dealer if problem persist.



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