



## Quick Installation Guide

### 5-Port 10/100/1000 Mbps Green Switch

Model# AGSW503



Ver. 1A

# Introduction

This Quick Installation Guide tells you how to install your 5-Port 10/100/1000Mbps Green Switch, and how to connect it to your Gigabit Ethernet network.

The 5-Port 10/100/1000Mbps Green Switch is designed for energy saving, easy installation and high performance in an environment where network traffic and the number of users increase continuously. You can add other Ethernet devices like computers, IP cameras, and Network Attached Storage (NAS) onto your network quickly and easily. The Green EEE (Energy Efficient Ethernet) technology of AGSW503 automatically reduces the power usage when a connected port is detected inactive (idle or cable-unplugged) and intelligently allocates less power for a port that connects with an Ethernet cable shorter than 20m (66 ft)\*.

Before you begin the installation, please check the items of your package:

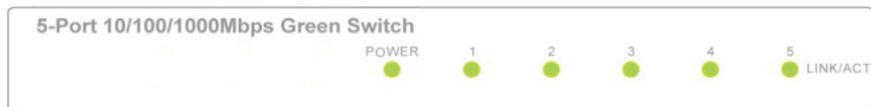
## Package Contents:

- 5-Port 10/100/1000Mbps Green Switch
- Power Adapter
- Quick Installation Guide

## Section 1

# Hardware Description

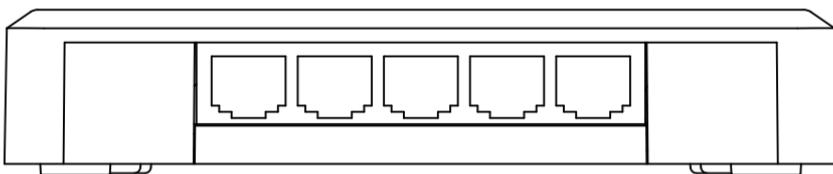
## Front Panel



## LED Indicators

LED	Color	Status	Description
POWER	Green	On	The switch is powered on.
		Off	The switch is powered off.
LNK/ACT	Green	On	LAN port is connected.
		Off	LAN port is not connected.
		Flashing	Transferring or receiving data.

## Rear Panel



Item Name	Description
Power	Power connector, DC 5V /1.0A.
1 - 5	10/100/1000Mbps LAN ports 1 to 5.

## Section 2

# Connecting the Switch

### **Note:** Operating Environment

This switch must be installed and operated within the limits of specified operating temperature (32~131<sup>0</sup>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.

### **Step 1** 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 be four pairs Category 5 or above for 1000Mbps data transmission; two pairs Category 5 for 100Mbps data transmission; two pairs Category 3, 4 or 5 standards for 10Mbps data transmission. Maximum length, using UTP cable, between the switch and connected device is 100 meters (300ft).

### **Step 2** Connecting the power

Connect the output end of the power adapter to the power connector on the rear panel of the switch. Connect the power adapter to the power outlet. The green Power LED on the front panel should be lit. Once the network cable is connected to both ends in **Step 1** and the attached network device is powered on, the green LNK/ACT LED should be lit.

## Section 3

### Troubleshooting

1. Power LED is not lit
  - Check if the power adapter is properly connected to the power outlet. Make sure the power jack is firmly plugged into the power socket of the switch.
2. Link/Activity is not lit when connect to 10/100/1000Mbps 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 the specifications described in Section 2.

## Section 4

### FCC Statement

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 party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the 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:

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

## Section 5

### Technical Support

E-mail: [support@airlink101.com](mailto:support@airlink101.com)

Website: [www.airlink101.com](http://www.airlink101.com)

\*Power savings may vary depending on products used. Actual data throughput will vary. Network conditions and environmental factors lower actual data throughput rate.

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