



## Quick Installation Guide

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

Model# ASW305



Ver. 1A

# Introduction

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

The 5-Port 10/100 Mbps 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 ASW305 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:

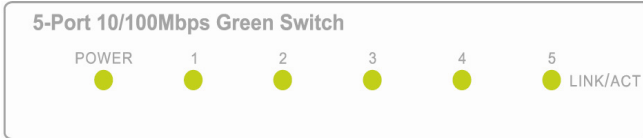
## Package Contents:

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

# Section 1

## Hardware Description

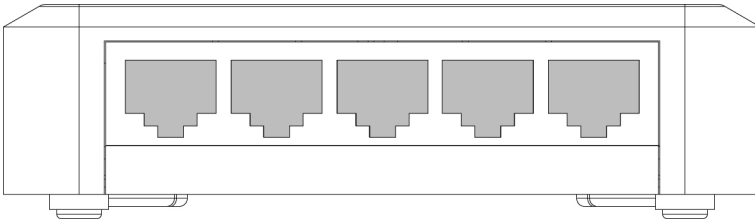
### Front Panel



### 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 8V / 0.6A.
1 - 5	10/100 Mbps 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 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 right 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 Mbps 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

### 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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