

# User Guide

**AIR-SW8P**

**8-Port 10/100Mbps Mini Desktop  
Switch**



February, 2013

## FCC STATEMENT



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 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.

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.
- 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 user's authority to operate the 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.

## Package Contents

The following items should be found in your box:

- One AIR-SW8P 8-Port 10/100Mbps Desktop Switch
- One Power Adapter
- This User Guide

### **Note:**

Make sure that the box contains the above items. If any of the listed items are damaged or missing, please contact with your distributor.

## Safety Notices

Do not use this product near water. Avoid using this product during an electrical storm. Do not place heavy objects on the switch.



## **Chapter 1. Introduction of the Product**

Thank you for choosing the AIR-SW8P 8-Port 10/100Mbps Desktop Switch.

### **1.1 Overview of the Product**

AIR-SW8P 8-Port 10/100Mbps Desktop Switch provides 8 10/100Mbps Auto-Negotiation RJ45 ports. All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports. The Switch is Plug-and-Play and each port can be used as general ports or Uplink ports and can be simply plugged into a server, a hub, a switch or a router and so on, using straight cable or crossover cable.

The AIR-SW8P 8-Port 10/100Mbps Desktop Switch provides you with a low-cost, easy-to-use, high-performance, seamless and standard upgrade to improve your old network to a 100Mbps network. It will boost your network performance up to full duplex data transfer. Its wire-speed switching that forwards packets can be as fast as the speed that your network delivers those packets to them.

### **1.2 EEE Power Saving Features**

The switch supports EEE Power Saving Features to help make your network environmentally friendly without compromising performance. The switch automatically powers down ports that have no link, and reduce the power consumption in idle mode or

with low traffic mode. In Low Power Idle mode, up to 59.7% of the power can be saved.

## **Chapter 2. Installation**

### **1.3 Mounting the Switch on a Desk**

To install the Switch, please follow the steps:

- 1) You can place the Switch on a flat desk.
- 2) Please inspect the Power Adapter carefully and make sure that it is properly connected to a power source.
- 3) Ensure adequate ventilation space around the switch for dissipating heat and air.

#### **Note:**

Please keep the switch horizontal on the desktop, with its top cover facing up. And avoid anything heavy placed on the switch.

### **1.4 Power On**

Powering on the Switch, it will automatically initialize and its LED indicators will respond as follows:

- 1) All of the Link/Act LED indicators will flash momentarily, which represent a resetting of the system.
- 2) The Power LED indicator will light all the time.

#### **Note:**

If the LED indicators don't respond as described above, please check the power supply and its connection.

## Chapter 3. Identifying External Components

This Chapter describes the front panel, rear panel and LED indicators of the Switch.

### 1.5 Front Panel

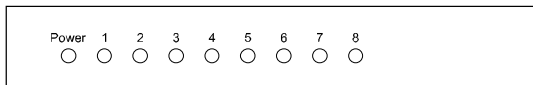


Figure 3-1 AIR-SW8P Front Panel

The Switch's LEDs are located on the front panel.

- **Power LED:** This indicator will light up when the Switch powers up.
- **LEDs (1-8):** One LED indicator will light green when a device is connected to the corresponding port. It flashes when data is being transmitted or received on the connection.

### 1.6 Rear Panel

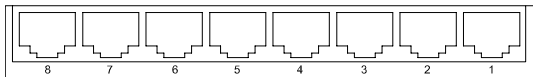


Figure 3-2 AIR-SW8P Rear Panel

The following parts are located on the rear panel:

- **Port (1-8):** The AIR-SW8P Switch is equipped with 8 10/100Mbps Auto-Sensing RJ45 ports where you will connect your network devices. The working status can be indicated by the corresponding LEDs on the front panel.



## Appendix: Specifications

Specifications	
Standards	IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
Data Transfer Rate	Ethernet: 10Mbps (Half Duplex), 20Mbps (Full Duplex) Fast Ethernet: 100Mbps (Half Duplex), 200Mbps (Full Duplex)
Network Media(Cable)	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-Tx: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Number of Ports	8 10/100Mbps Auto-Negotiation ports
LED indicators	Power, LEDs (1,2,3,4,5,6,7,8)

Environmental and Physical	
Power Supply Output	9V- 0.6A
Size	140mm*85mm*30mm
Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing