



# **8 Port 10/100/1000Mbps Gigabit Switch**

## **Quick Installation Guide**

**Model# ANS-800P**

### **FCC Warning**

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 limitations 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 a different outlet from that the receiver is connected.
- \*Consult your local distributors or an experienced radio/TV technician for help.
- \*Shielded interface cables must be used in order to comply with emission limits

Changes or modifications to the equipment, which are not approved by the party responsible for compliance could affect the user's authority to operate the equipment.

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Company has an on-going policy of upgrading its products and it may be possible that information in this document is not up-to-date.

Please check with your local distributors for the latest information.

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### **Trademarks:**

All trade names and trademarks are the properties of their respective companies.

## **General Description**

Advantek Networks ANS-800P is a high-performance Gigabit Ethernet Switch with all 8 ports capable of 10, 100 and 1000Mbps auto-negotiation operation. The Gigabit switching hub supports Quality of Service (QoS), 8021Q and RMON counters. All ports support IEEE 802.1Q VLAN, Spanning Tree and isolated WAN vs. LAN firewall applications.

The Gigabit switching hub provides non-blocking switching performance in all traffic environment that all packets are directed into one of four traffic class queues based upon port, IEEE 802.1p, Ipv4's TOS or Diff-Serv, Ipv6's Traffic Class, 802.1Q VID, DA MAC address or SA MAC address. Back-pressure and pause frame-based flow control schemes are included to support zero packet loss under temporary traffic congestion.

## **Product Features**

- Supports Auto MDIX.
- Fixed priority & programmable weighted fair queuing.
- Compliant with IEEE 802.3, IEEE 802.3u, and IEEE 802.3x.
- Supports Store-and-forward operation.
- Each port works at 10 Mbps or 100 Mbps, full or half duplex mode.
- Automatic speed and duplex communication between the
- Back-pressure flow control on half duplex ports & Pause-ports.
- Shared 1 Mbit on-chip memory-based switch fabric performance.
- Embedded 128K Byte SRAM for packet buffer.
- Supports port-based trunking for high-bandwidth links.

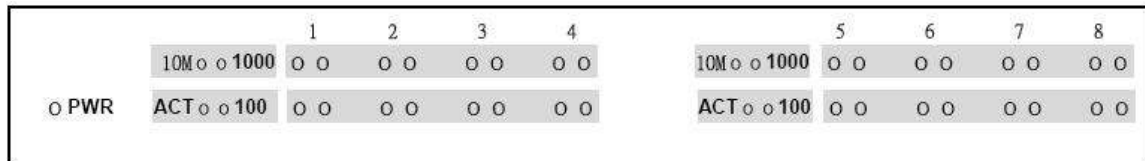
## **Package contents**

- One 8 Port Gigabit switching hub
- One 12V 1.5A DC adapter
- One 8 Port Gigabit Switching Hub User's Quick Guide

\*If any of the items is damaged or missing, please contact your retailer immediately.

## Front panel LED indicators

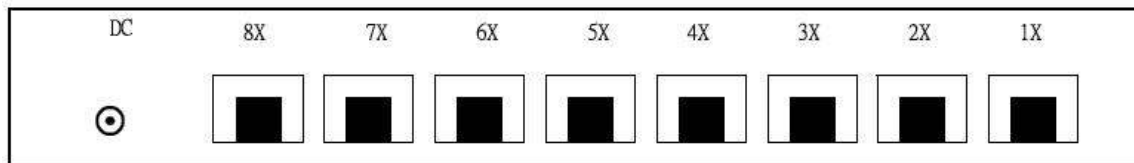
After installing the switch, you can check its status from the LED indicators on the front panel shown below.



Front View

LED	Description
PWR	When Gigabit switching hub connects to power, this LED will be on.
1....8	Port LED numbers.
Link/Act	Link is established (green), Transferring data (blinking green), No connection (off)
1000M	When data transferring rate is 1000Mbps, LED will blink, otherwise LED is off.

## Rear panel ports



Back Panel

Ports 1x - 8x :The switch has eight 10/100/1000Mbps RJ-45 ports where you can connect computers or network devices to the switch.

## Power Connecting

Plug the circle end of the power adapter firmly into the power port on the switch rear panel, and the other end into an electric service outlet, then the system is ready.

## Connecting computers to the switch

The switch features auto-MDI/MDIX crossover detection function and provides plug-and-play capability. Users can immediately use any of the features of this product simply by plugging the network cables (RJ-45) into the computers and the switch.

## **Uplink**

All Ports can be used as an uplink port for connecting to another unit without using crossover cable. When using the uplink port, you can extend the distance to 100m for linking another switch or hub.

## **To prolong the operational life of your units**

- \*Never stack units more than eight high if freestanding
- \*Do not place objects on top of any unit or stack
- \*Do not obstruct any vents at the sides of the case

**\*Use only the AC power adapter that came with the switch to prevent damage to the unit.**

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