

SWITCH, 8 GIGABIT PORTS ART. IPSWN08N01A



Please read this manual thoroughly before use and keep it for future reference

Package contents

Check the contents of your package:

- Switch x 1
- User manual x 1
- Power supply x1
- Accessories

If any part is lost and damaged, please contact your dealer.

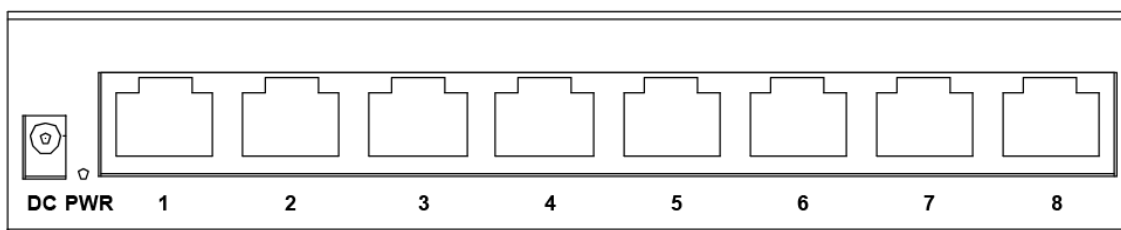
Introduction

The device have 8 x 10/100/1000Mbit/s RJ45 ports that supports high-speed transmission for surveillance images and videos. The device have also the VLAN feature. The user can choose to turn it ON or OFF according to the different application environment, to improve network security and suppress the network storm.

Hardware description

Front panel

The front panel consists of 8 x 10/100/1000Mb/s Ethernet RJ45 ports and the related leds.

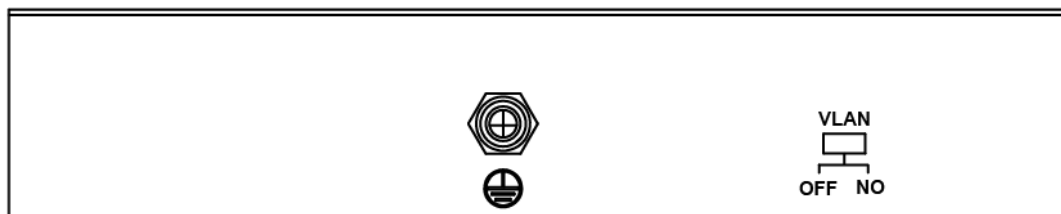


DC: power supply input (12VDC/0.5A)

LED indications

LED	Color	Function
PWR	Green	OFF: no power supply. ON: power supply connected.
DATA	Green	OFF: no device connected to the corresponding port. ON: the link through the port is successfully established at 10/100/1000Mbit/s. Blink: the switch is sending or receiving data.

Rear panel



VLAN switch

OFF (default): normal communication between the ports.

ON: all the ports are divided into a single VLAN, but the ports 1 to 7 communicate with the port 8.

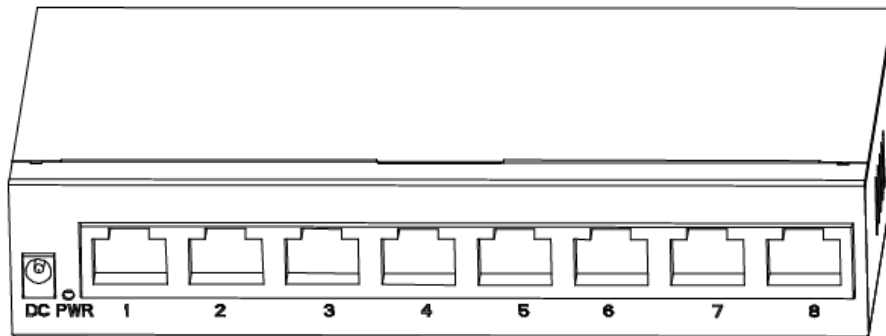
Note: after changing the mode, there is no need to restart the device.

Installation

This part describes how to install the switch and make the connections. Please follow the instructions to avoid damages and security problems.

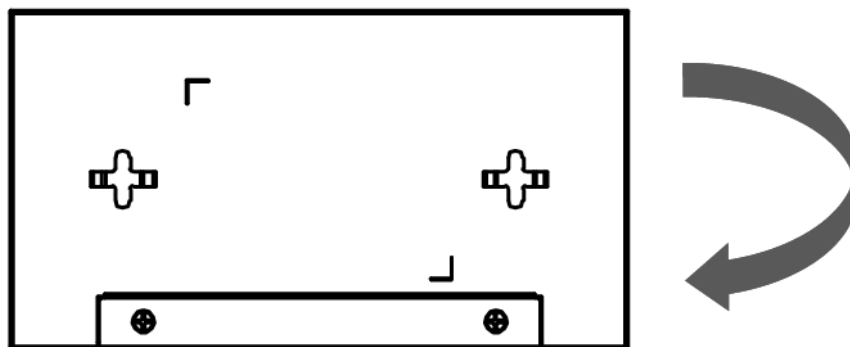
- Before cleaning the switch, unplug the power supply. Do not clean the switch with wet cloth or liquid
- Do not place the switch near water or any damp area. Prevent water or moisture from entering into the chassis
- Do not place the switch on an unstable place or desk. The switch might be damaged severely in case of fall
- Ensure proper ventilation of the equipment and keep the ventilation vents free of obstructions
- Make sure that the operating voltage is correct
- Do not open the chassis while the switch is powered to avoid electrical shocks.

Desktop installation



Wall-mounted installation

Fix the switch on the wall with 2 screws



Turn ON the switch

When powered, the switch start automatically, the led lights up as follows:

- the Power led lights up
- the data led blink for one second (represents the system reset)

Specifications

Supported standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3x
Network cables	10BASE-T: UTP category 3,4,5 cable (≤100m) 100BASE-TX: UTP category 5 cable (≤100m) 1000BASE-T: UTP category 5e cable (≤100m)
MAC address table	4K, auto-learning, auto-aging
Transfer mode	Store-and-Forward
Frame forward rate	10Base-T: 14881pps/port 100Base-TX: 148810pps/port 1000Base-T: 1488095pps/port
Switching capacity	16Gbit/s
Dimensions (L x H x D)	140 x 28 x 76.7mm
Fan	Fanless
Power supply	12VDC/6W
Temperature	Operating: 0°C ~ 40 °C (32 °F ~104°F) Storage: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating: 10% ~ 90% non-condensing Storage: 5% ~ 90% non-condensing
Surge protection	Difference mode: ±1KV / Common mode: ±2KV
MTBF	>50000 hours
Electrostatic standard	Contact: 6KV / Air: 8KV

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