

User Guide

用户手册

8 口全千兆交换机

8-Port 10/100/1000Mbps Switch

Package Contents

Check the following contents of your package:

- Switch x 1
- User Guide x 1
- Power Adapter x1
- Accessories(Feet*4)

If any part is lost and damaged, please contact your local agent immediately.

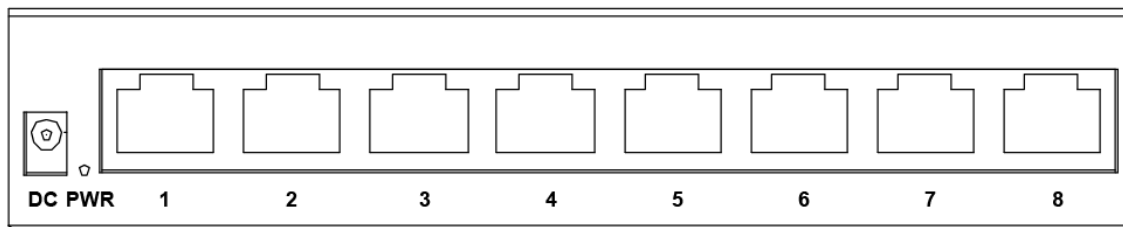
Introduction

8GE provides along with 8* 10/100/1000Mbps RJ45 ports supporting high-speed transmission of surveillance images and videos. Using store and forward technology, combined with dynamic memory allocation, to ensure the effective allocation of bandwidth to each port. This product is easy to use and maintain which can meet a lot of networking environment, such as Business building, Community, Hotel, Office etc.

Hardware Description

Front Panel

The Front Panel of switch Consists of 8-Port 10/100/1000Mbps Ethernet RJ45 Ports. The LED indicators are also located on the panel.



The DC input : Input Power Supply 12V/0.5A

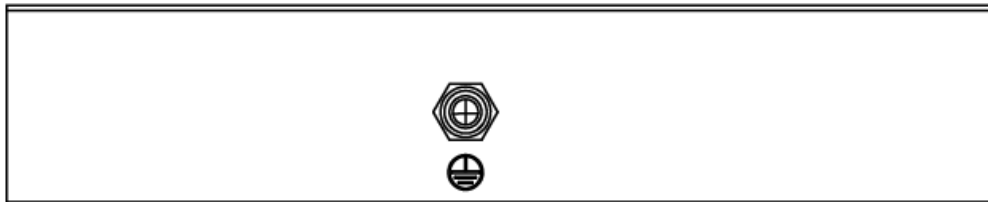
LED indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the switch has power.

DATA	Green	<p>Off: No device is connected to the corresponding port.</p> <p>Light: Indicates the link through that port is successfully established at 10/100/1000Mbps.</p> <p>Blink: Indicates that the Switch is actively sending or receiving data over that port.</p>
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Rear Panel

The rear panel of the Switch indicates :



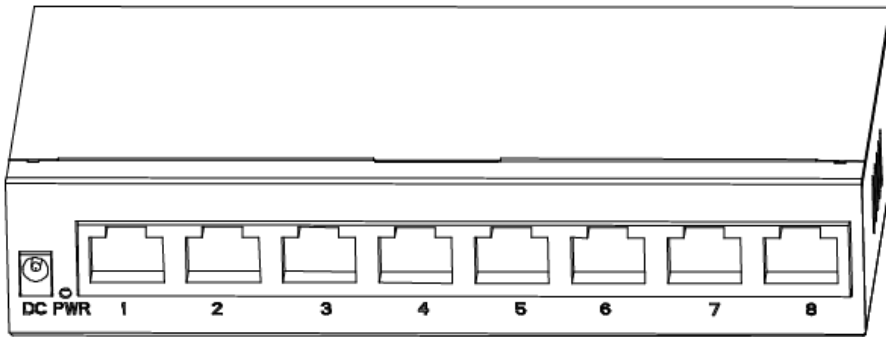
Installation the Switch

This part describes how to install your Ethernet Switch and make connections to it. Please follow the following instructions in avoid of incorrect installation causing device damage and security threat.

- Before cleaning the switch, unplug the power plug of the switch first. 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 the switch chassis;
- Do not place the switch on an unstable case or desk. The switch might be damaged severely in case of a fall;
- Ensure proper ventilation of the equipment room and keep the ventilation vents of the switch free of obstruction;
- Make sure that the operating voltage is the same one labeled on the switch;
- Do not open the chassis while the switch is operating or when electrical hazards are present to avoid electrical shocks.

Desktop Installation

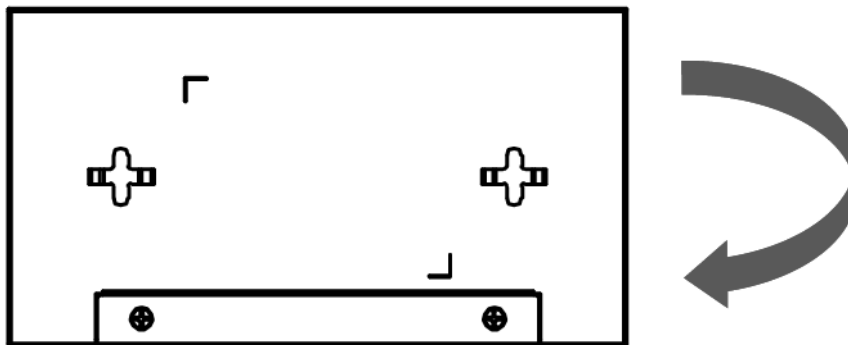
Install the Switch on a desktop



Wall-mounted installation

In the first two fixed screw on the wall as shown in the figure below

Aim at the two fixed hole switches, Recommended screw diameter (3.5-5.5mm), and the machine smoothly on the screw



Turn on the switch

The switch can be used with DC power supply. Powering on the switch, it will automatically initialize and its LED indicators will respond as follows:

Firstly, the Power LED indicator will light up.

Then, the data LED indicators will flash momentarily for one second, which represents a resetting of the system.

Specifications

Model	8GE
Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3x,
Network Media(Cable)	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	16Gbps
Dimensions (L*W*H)	140*76.7*28mm
Fan	Fanless
Power Supply	DC 6W
Temperature	Operating Temperature: 0°C ~ 40 °C (32 °F ~104°F) Storage Temperature: -40 °C ~ 70 °C (-40 °F ~158°F)
Humidity	Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing
Surge Protection	Difference module ±1KV Common mode ±2KV
MTBF	>50000 hours
Electrostatic standard	Contact 6KV,air 8KV

包装清单

小心打开包装盒，包装盒内应有以下物件：

交换机 一台
用户手册.....一本
电源适配器 一个
安装附件（脚垫*4）

如果发现有物件损坏或者短缺的情况，请及时和当地经销商联系。

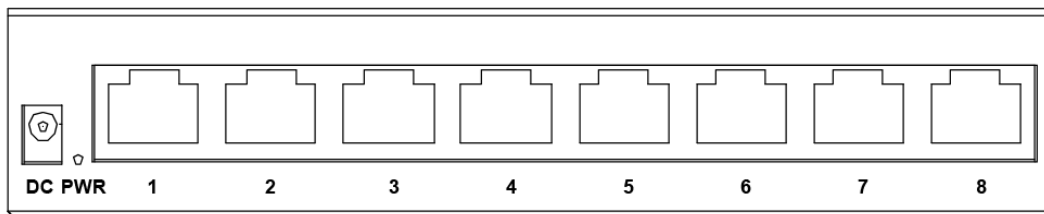
产品简介

8GE 提供 8 个 10/100/1000Mbps 自适应 RJ45 端口。所有 RJ45 端口均支持线速转发与自动翻转功能，采用存储转发技术，结合动态内存分配，确保带宽有效的分配到每一个端口，此产品使用简单方便，无需配置，能满足企业、小区、酒店、办公网及园区网的组网及接入要求。

外观描述

前面板

前面板由 8 端口 10 / 100 / 1000mbps 以太网 RJ45 端口组成。LED 指示灯也位于面板上



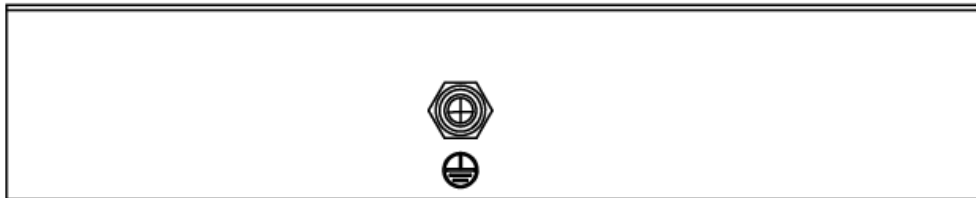
DC输入：12V/0.5A

LED 指示灯

指示灯	颜色	描述
PWR	绿色	灭：交换机未通电。 常亮：交换机已通电。
DATA	绿色	灭：没有连接网络设备。 常亮：连接到 10/100/1000Mbps 设备。 闪烁：与相连的设备有数据传输。

后面板

后面板示意图:



安装设备

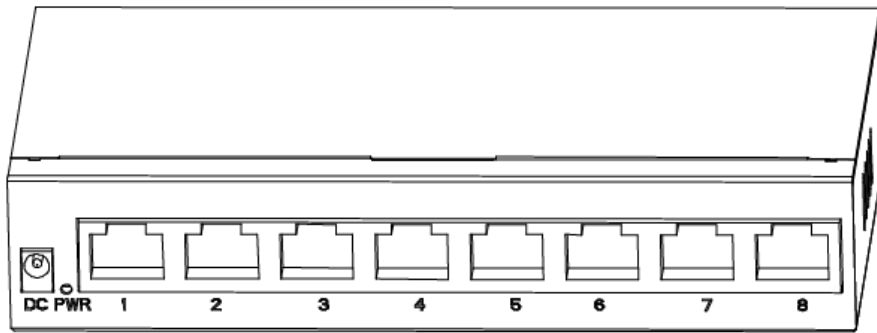
注意事项

为避免使用不当造成设备损坏及对人身伤害，请遵从以下的注意事项：

- 在清洁交换机前，应先将交换机电源插头拔出。不要用湿润的布料擦拭交换机，不可用液体清洗交换机；
- 请不要将交换机放在水边或潮湿的地方，并防止水或湿气进入交换机机壳；
- 请不要将交换机放在不稳定的箱子或桌子上，万一跌落，会对交换机造成严重损害；
- 应保持室内通风良好并保持交换机通气孔畅通；
- 交换机要在正确的电压下才能正常工作，请确认工作电压同交换机所标示的电压相符；
- 为减少受电击的危险，在交换机工作时不要打开外壳，即使在不带电的情况下，也不要随意打开交换机机壳。

桌面安装

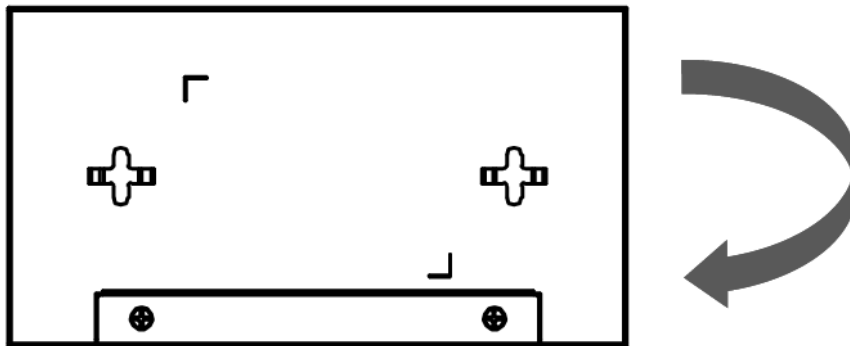
将交换机的底部朝上放置于足够大且稳定的桌面上；



壁挂式安装

请按照以下步骤安装交换机：

在墙壁上先固定两颗螺钉,选择螺钉建议直径(3.5-5.5mm 之间) 如下图所示对准交换机的两个固定孔,把机器平稳的挂在螺钉上



通电

将配套的电源适配器输出端连接到交换机的 DC 口,另一端电源适配器连接到市电电源插座上,开机以后,交换机将自动进行初始化,所有的端口指示灯全亮后熄灭,表示系统复位成功。电源 LED 指示灯一直常亮。

技术规格

产品名	8GE
标准	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3x
网络介质 (线缆)	10BASE-T: Cat 3,4,5 非屏蔽类双绞线(≤100m) 100BASE-TX: Cat 5 及以上非屏蔽类双绞线(≤100m) 1000BASE-TX: Cat 5 及以上非屏蔽类双绞线(≤100m)
MAC 地址表	4K, 自动学习, 自动更新
传输模式	存储转发
包转发速率	10Base-T:14881pps/端口 100Base-TX: 148810pps/端口 1000Base-T: 1488095pps/端口
背板带宽	16Gbps
尺寸(长*宽*高)	140*76.7*28mm
风扇	无风扇
电源	外置电源
工作温度	0°C ~ 40 °C
存储温度	-40 °C ~ 70 °C
工作湿度	10% ~ 90% 无凝结
存储湿度	5% ~ 90% 无凝结
防雷等级	差模±1KV, 共模±2KV
平均故障间隔时间	>50000 小时
静电标准	接触 6KV, 空气 8KV