

RG-ES106D-P

交换机快速安装指南

Quick Installation Guide

锐捷以太网 PoE 供电交换机快速安装指南

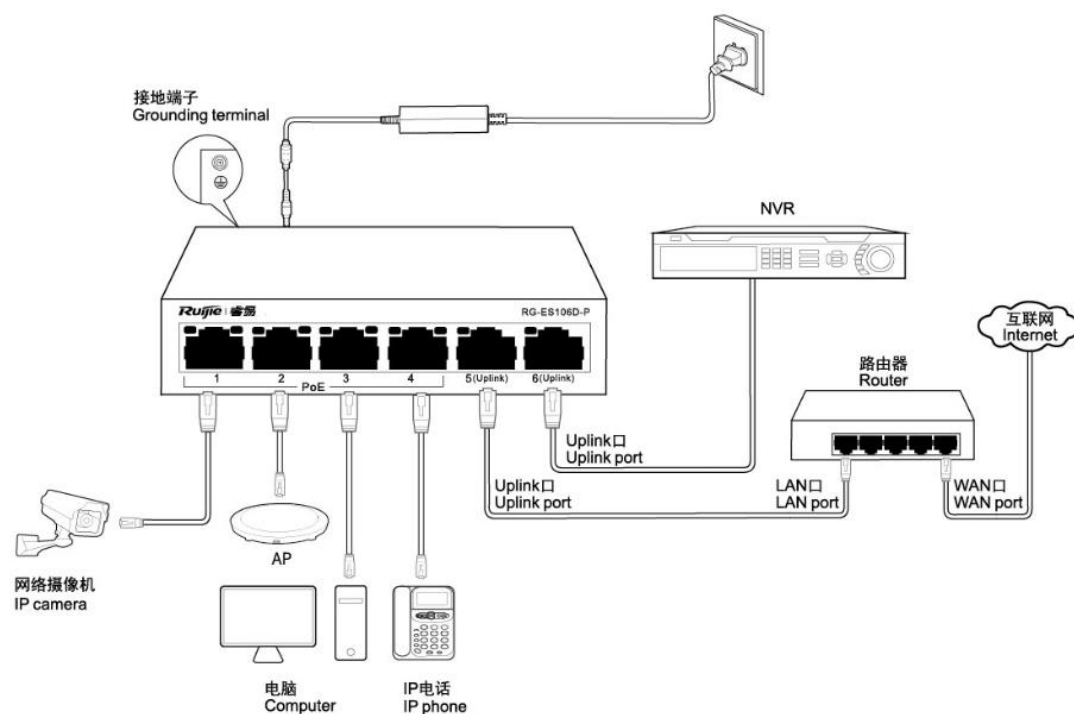
Quick Installation Guide of Ruijie Ethernet PoE Switches

设备安装 Install the switch

将交换机正面朝上置于足够大且干净平稳的桌面上即可。

Place the switch right-side up on a big enough, clean, stable and flat desktop.

设备连接 Connect the switch



提示

- 本交换机支持端口自动翻转 (Auto MDI/MDIX), 用网线连接交换机与对端以太网设备时, 使用直连线或交叉线均可。
- 本交换机 PoE 端口支持优先级机制, 当受电设备的总功耗超过交换机整机最大 PoE 供电功率时, 交换机将按照 1>2>3>4 的优先级顺序, 切断优先级最低的端口的供电, 直至受电设备的总功耗恢复到交换机整机最大 PoE 供电功率以内。

警告

此为 A 级产品，在生活环境中，该产品可能会造成无线电干扰，在这种情况下，可能需要用户对干扰采取切实可行的措施。

Tips

- All ports of the switch support the auto MDI/MDIX function, so both a straight cable and a crossover cable can be used to connect the switch to Ethernet devices.
- PoE ports of the switch are assigned with power supply priorities, and the priorities decrease as the port number increases (1 > 2 > 3 > 4). When the total power consumption of the PoE-powered devices exceeds the maximum output of the switch, the switch starts cutting the power supply from the port with the lowest priority until the total consumption is less than the maximum output.

Warning

This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate

请参考下表检查设备连接是否正确或调节交换机工作模式。

Refer to the following table to check whether the connections of the switch are proper, or adjust the operating mode of the switch.

指示灯/开关	说明
PWR	长亮：交换机通电正常。
*位于后面板	熄灭：交换机未通电或通电异常。
PoE	长亮：端口已连接受电设备，并供电正常。
*位于 PoE 口右上角	熄灭：端口未连接受电设备，或没有供电。
Link/Act	长亮：端口已连接。
*位于网口左上角	闪烁：端口正在传输数据。
	熄灭：端口未连接，或连接异常。

指示灯/开关	说明
 *位于后面板	工作模式拨码开关。 - 标准模式：此模式下，交换机为普通非网管型 PoE 供电交换机，所有端口之间可以相互通信。 - 流控关闭：此模式下，交换机关闭所有端口流控，以满足各种复杂环境的“网络克隆”需求。 - 端口隔离：此模式下，1~4 号端口不能互相通信，但都能与 5 和 6 号端口通信。可以减少广播风暴，隔离 DHCP 广播。

LED indicator/Toggle	Description
PWR *On the rear panel	Solid on: The switch is connected to a power source properly. Off: The switch is disconnected from a power source or not properly connected to a power source.
PoE *On the upper-right corner of each PoE port	Solid on: The corresponding port is connected to a powered-device, and supply power properly. Blinking: The power consumption of the powered-device connected to the corresponding port is too large. Off: The port does not supply power to any powered-device.
Link/Act *On the upper-left corner of each Ethernet port	Solid on: The corresponding port is connected properly. Blinking: Data is being transmitted over the corresponding port. Off: The corresponding port is disconnected or not connected properly.
 *On the rear panel	Toggle for switching operating modes - Standard Mode: In this mode, the switch functions as a common unmanaged PoE switch, and all ports of the switch can communicate with each other. - Flow Control-OFF: In this mode, the switch disables the flow control function for all ports to meet the demand of PC network clone in various environments. - Port Isolation: In this mode, ports 1 to 4 cannot communicate with each other, but can communicate with ports 5 and 6 respectively, which helps reduce broadcast storm and isolate DHCP broadcast.

规格参数 Specifications

产品型号		RG-ES106D-P
端口	10/100Mbps RJ45 端口	6
	工作模式	支持三种模式切换：标准模式、流控关闭、端口隔离
性能	交换模式	存储转发
	MAC 地址表	1K
	MAC 地址学习	自动学习、自动老化

产品型号		RG-ES106D-P
PoE 供电	背板带宽	1.2Gbps
	PoE 供电端口	1~4
	PoE 供电标准	IEEE 802.3at、IEEE 802.3af
	PoE 供电电芯	8 芯供电（1 2 4 5 为+，3 6 7 8 为-）
	端口最大供电功率	30W
	整机最大供电功率	58W
外形尺寸（长×宽×高）		100mm×100mm×26mm
电源适配器	输入	100~240V AC, 50/60Hz, 1.5A
	输出	51V DC, 1.25A
防雷	RJ45 端口	共模：6kV
	电源	共模：4kV； 差模：2kV
工作环境		工作温度：0℃~45℃ 工作湿度：（10~90）%RH，无凝结
存储环境		存储温度：-40℃~70℃ 存储湿度：（5~90）%RH，无凝结
网络介质		以太网：3 类或以上 UTP/STP 快速以太网：5 类或以上 UTP/STP
网络标准		IEEE 802.3、IEEE 802.3u、IEEE 802.3x、IEEE 802.3af、IEEE 802.3at
EMC		GB9254-2008
安规		GB4943-2011

Model		RG-ES106D-P
Port	10/100 Mbps RJ45 port	6
	Operating mode	Three operating modes are supported: Standard Mode, Flow Control-OFF and Port Isolation
Performance	Switching mode	Store-and forward
	MAC address table	1 K
	MAC address learning	Auto-learning, auto-aging
	Backplane bandwidth	1.2 Gbps
PoE Power	PoE port	1 - 4
	PoE standard	IEEE 802.3at, IEEE 802.3af
	PoE power cable core	8 cores: cores 1, 2, 4, 5 are +, and cores 3, 6, 7, 8 are -

Model		RG-ES106D-P
	Maximum output power of a single port	30 W
	Maximum output power of the switch	58 W
Dimensions (L x W x H)		100 mm x 100 mm x 26 mm
Power adapter	Input	100 - 240V AC, 50/60Hz, 1.5A
	Output	51V DC, 1.25A
Lightning protection	RJ45 port	Common mode: 6 kV
	Power	Common mode: 4 kV, Differential mode: 2 kV
Operating environment		Operating temperature: 0°C - 45°C
		Operating humidity: (10% - 90%) RH, non-condensing
Storage environment		Storage temperature: -40°C - 70°C
		Storage humidity: (5% - 90%) RH, non-condensing
Network media		Ethernet: CAT3 UTP/STP cable or better
		Fast Ethernet: CAT5 UTP/STP cable or better
Network standard		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
EMC Standards		GB9254-2008
Security Standards		GB4943-2011

如需了解产品及安装方面的更多信息，请登录锐捷网络网站 www.ruijie.com.cn

For more information about the product and installation procedures, log in to www.ruijie.com.cn

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锐捷网络股份有限公司

福州市金山大道 618 号橘园洲工业园区星网锐捷科技园

技术支持: <http://bbs.ruijiery.com>

远程技术服务中心: +86-400-100-0078(China)

官网: <http://www.ruijiery.com>

<http://www.ruijie.com.cn>

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RUIJIE NETWORKS CO., LTD.

Ruijie Science and Technology Park, Juyuanzhou, No. 618, Jinshan Road, Fuzhou

Technical Support: <http://bbs.ruijiery.com>

Technical Support Hotline: +86-400-100-0078(China)

Website: <http://www.ruijiery.com>

<http://www.ruijie.com.cn>