

Quidway S1700-24-AC Ethernet Switch User Manual & Installation Quick Start

Quidway S1700-24-AC以太网交换机 快速安装指南以及简易使用说明书

Rev: 02



Tool List 工具参考



Service and Support 技术支持

Huawei Technologies Co., Ltd.
Address: Huawei Industrial Base
Bantian, Longgang
Shenzhen 518129
People's Republic of China
Website: <http://enterprise.huawei.com>
华为技术有限公司
地址：深圳市龙岗区坂田华为总部办公楼
邮编：518129
网址：<http://enterprise.huawei.com>
客户服务邮箱：ChinaEnterprise_TAC@huawei.com
客户服务电话：400-822-9999

Accessories (S1700-24-AC) 设备附件介绍(S1700-24-AC)

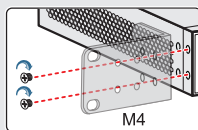


1 Precautions 注意事项

⚠ Before installation, take ESD-preventive measures, for example, wear ESD-preventive gloves or a wrist strap.
安装前请做好防静电保护措施，如配戴防静电手套或防静电手腕。

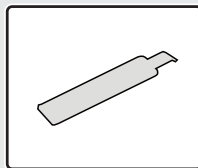
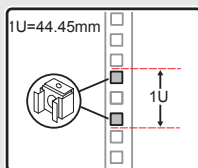
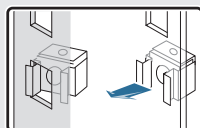
2 Installing the Device in a 19" Cabinet 安装设备到19英寸标准机柜中

- ① Fix the rack-mounting ears.
安装挂耳。



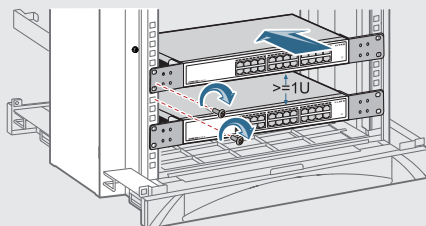
IEC cabinet (19 inch)
IEC 机柜 (19英寸)

- ② Fix the captive nuts.
安装浮动螺母。



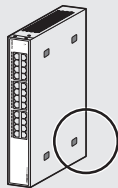
Use installation strip to fix the captive nuts.
使用安装条安装浮动螺母。

- ③ Install the device in a cabinet.
安装设备到机柜。

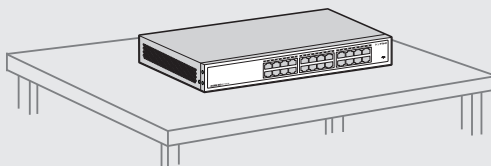


3 Installing the Device on a Worktable 安装设备到工作台

- ① Adhibit the rubber pads.
粘贴胶垫贴。



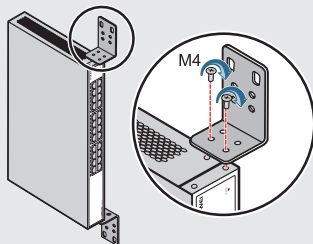
- ② Install the device on a worktable.
安装设备到工作台。



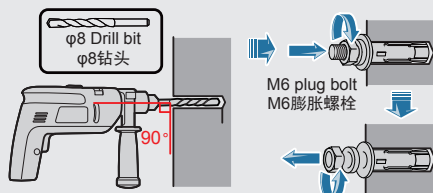
4 Installing the Device on a Wall 安装设备到墙面

- ⚠ To prevent injuries, check that there is no electrical wire at the locations to be drilled before drilling holes in the wall.
- Flammable and explosive items under the device is prohibited. Leave more than 100 mm of space around the device for proper heat dissipation.
 - 在墙上打孔时，必须确认打孔处没有墙电，避免造成人身伤害。
 - 设备下方禁止摆放易燃易爆物品，距离设备100mm范围内不能有异物挡住。

- ① Fix the rack-mounting ears.
安装挂耳。



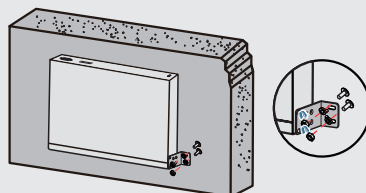
- ③ Install the plug bolt.
安装膨胀螺栓。



- ② Mark the hole locations on the wall according to the device installed with rack-mounting ears.
根据已安装挂耳的设备，用记号笔标记打孔位置。

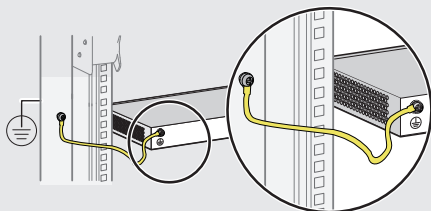


- ④ Install the device on the wall.
安装设备到墙面。

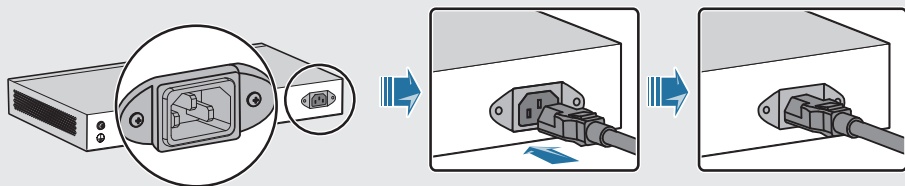


5 Connecting PGND Cables and Power Cables

- 1 Connect the PGND cable.
连接地线。



- 2 Connect the AC power cable.
连接交流电源线。



- ⚠ Do not connect power cables when the device is powered on, so as to avoid injuries.
- Make sure that the protection grounding cable of the device is grounded.
- The S1700-24-AC can use only AC power supply.
- 严禁在设备安装和布线完成前向设备供电。
- 确定设备保护地线接地。
- S1700-24-AC只支持交流电源。

6 Laying out Cables

布放线缆

- ⚠ Lay out and bundle power cables, optical fibers, and Ethernet cables separately, with the distances in between longer than 10 cm.
- 电源线与信号线缆的间距要大于10厘米。

📖 During the cabling, if the quantity of cables is rather great, you can route the cables in the cabinet first, and then install connectors to the cables.

布线时，如果线缆数目比较多，为了布线更方便，可以先不做线缆接头，先将线缆在机柜中布置好，再做与设备连接的线缆接头。

Ethernet cables
以太网线

Cable tie
线扣

Powering on the System

上电检查

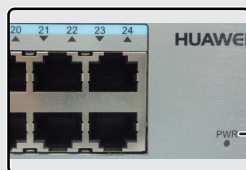
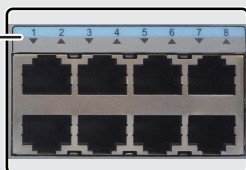


- Power on the device only when the input voltage is in the normal range. Test the AC input voltage for S1700-24-AC.

The voltage should range from 100 VAC to 240 VAC.

- After the device is powered on, the PWR LED is on, the port LED status is as shown in below.
- 测试S1700-24-AC的输入电压，若此电压在100-240V交流电正常范围内可将设备上电。
- 设备上电后，PWR电源指示灯亮，端口LED灯状态如下图所示。

1-24 Port LED
1-24 端口指示灯



PWR LED
电源指示灯

LED Indicator LED状态		
LED	Condition 状态	Description 描述
PWR	On Green 绿色常亮	Internal power is operating normally. 设备正常上电。
	Off 熄灭	Power off. 设备未上电。
1-24Port	On Green 绿色常亮	The port has a valid 10/100Mbps link. 端口建立了10/100Mb连接。
	Blinking Green 绿色闪烁	Blinking indicates activity. 闪烁表示正在传输数据。
	Off 熄灭	No link. 无效连接。

*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，可能需要用户对其干扰采取切实可行的防护措施。

This is a Class A product. This product may cause radio interference, in which case the user may be required to take practical precautions interference.