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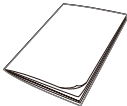
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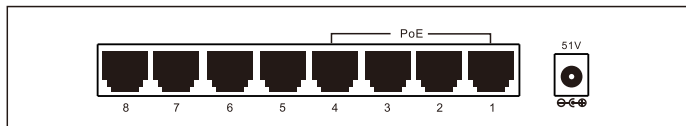
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Please read this Install Guide carefully before you start. For more information that is not covered here, please visit our website www.tendacn.com.

1. Package Contents

 One switch	 One power adapter	 Install Guide
 Four rubber footpads for desktop-mounting	 Two expansion screw pairs (screw tubes and screws) for wall-mounting	

2. Back Panel



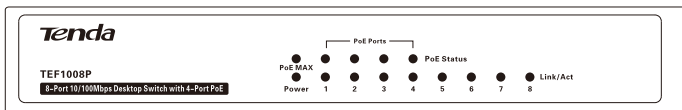
Interface	Description
	DC input port. Used to connect with the included power adapter to power the switch. Input: AC100-240V 50/60Hz Output: DC 51V 1.25A
	10/100M auto-negotiation RJ45 port. Interfaces 1-4 support PoE supply, which are compatible with IEEE 802.3at (30W) and IEEE 802.3af (15.4W). Additionally, Up to four IEEE 802.3af-compatible or two IEEE 802.3at-compatible devices can be powered at one time.



Tip :

- It adopts two pairs of wires (pins 1 and 2; pins 3 and 6) to PoE supply. UTP/STP Cat.5 (The maximum length is not more than 100 meters), or higher cable (not more than 150 meters) is recommended to use.
- The switch supports PoE Dynamic Powering, which means that the switch automatically offers powered devices their needed power.
- The maximum of PoE power consumption that the switch supports is 58W. When the total PoE power consumption of PDs connected to the switch is higher than 58W, the switch PoE MAX LED will light up. To keep the total power consumption less than 58W and operate properly, the switch will re-power the connected PDs according to the port priorities of PoE power supply. (**Priority:** Port 1 > Port 2 > Port 3 > Port 4) (**Note:** The PD connected to the lower priority port will be powered off.)

3. Front Panel



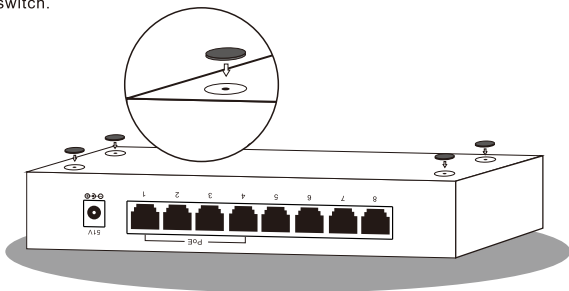
LED	Status	Description
Power	Solid	The switch is receiving electrical power.
	Off	The switch is not receiving any electrical power.
PoE MAX	Solid	Indicates PoE power consumption exceeds the maximum 58W. And the switch will stop powering the PD according to the port priority till PoE MAX LED is off. (The PD connected to lower-priority port will be powered off firstly.)
	Off	PoE power consumption is reasonable.
PoE Status	Solid	The matching port is connected to a powered device, and a proper power connection is established between the switch and the powered device.
	Off	The matching port is not connected, or no electrical power goes through the matching port.
Link/Act	Solid	The matching RJ45 port is connected properly.
	Blinking	The matching RJ45 port is transmitting data.
	Off	The matching RJ45 port is connected improperly or not connected.

4. Installing the Switch

■ Desktop-mounting

Step 1: Place the switch bottom up on a flat desktop.

Step 2: Attach four footpads to the corresponding circular grooves on the bottom of the switch.



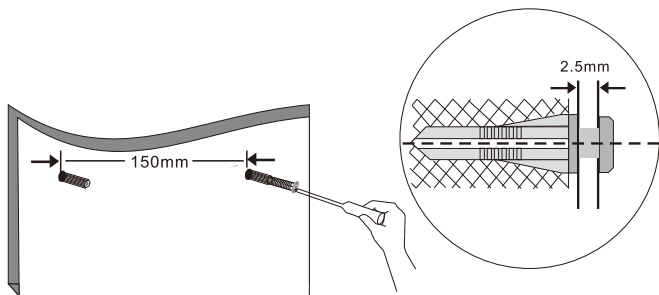
Step 3: Place the switch face up on the desktop.

■ Wall-mounting

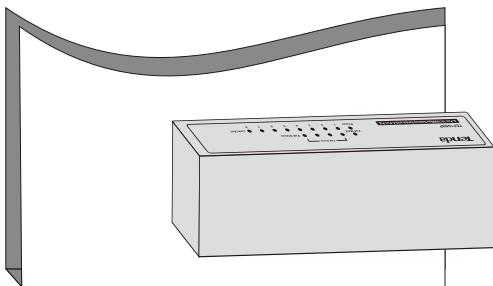
Step 1: Prepare the following tools.

		
Level	Stepladder	Phillips screwdriver
		
Rubber hammer	Marker pen	Hammer drill

- Step 2:** Drill two 6mm diameter holes, about 150mm away apart on the same level in the wall.
- Step 3:** Insert the expansion screw tubes completely into the holes in the wall with rubber hammer.
- Step 4:** Tighten the expansion tubes and screws with Phillips screwdriver. In order to mount the switch to the wall firmly, the distance between the screw head and the tube head must be kept at least 2.5mm wide. (See figure below)



- Step 5:** Place the switch onto the mounting screws, and slide it down until it locks in place.

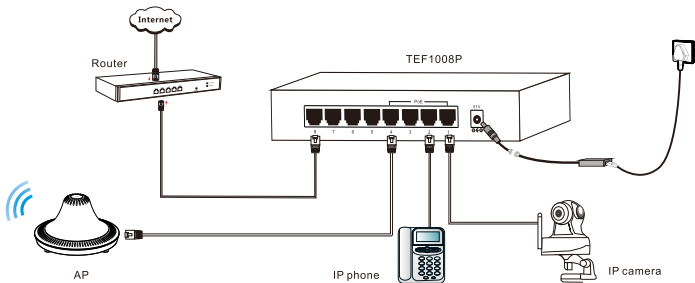


5. Physical Connection

Step 1: Connect the switch and the upstream network device (switch, router, etc.) using an Ethernet cable.

Step 2: Connect the switch and the downstream device using an Ethernet cable. Interfaces 1-4 can be connected to an access point, IP phone, IP camera, etc.

Step 3: Connect the switch to power supply with the included power adapter.

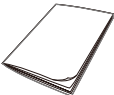


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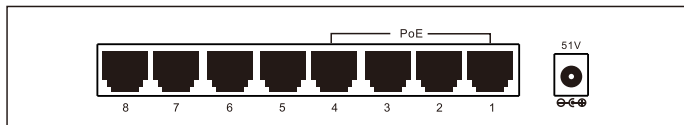
由于产品版本升级或其它原因，本文档内容会不定期更新。文中所有信息仅作为使用指导，不构成任何形式的担保。

首次使用本设备前，请先阅读此手册，以快速安装设备。若要详细了解产品信息，请访问 <http://www.tenda.com.cn>。

1 包装清单

		
交换机*1	电源适配器*1	防滑脚垫*4
		
膨胀（螺管+螺钉）*2	安装手册*1	

2 接口、指示灯说明



接口	说明
	DC电源输入接口，接产品包装盒内的电源适配器给交换机供电。 电源适配器输入为：100-240V AC，50/60Hz 电源适配器输出为：51V DC，1.25A。
	10/100M自适应RJ45口。1-4口支持PoE供电，兼容IEEE 802.3at(30W)和IEEE 802.3af(15.4W)。最多可同时接入4个IEEE 802.3af或2个IEEE 802.3at标准的受电设备。



提示：

- PoE采用网线的1、2、3、6线对供电，网线建议采用5类（≤100m）或5类以上（≤150m）UTP/STP。
- PoE供电模式为动态供电。即，交换机自动给受电设备提供所需功率的PoE电源。
- 本交换机支持的最大PoE功耗为58W。当PoE受电设备消耗的总功率高于58W时，交换机的PoE MAX灯点亮，同时，交换机根据端口1>端口2>端口3>端口4的优先级顺序，对已进行PoE供电的端口重新进行供电处理（将优先级最低的端口的供电切断）。

Tenda

TEF1008P

8-Port 10/100Mbps Desktop Switch with 4-Port PoE

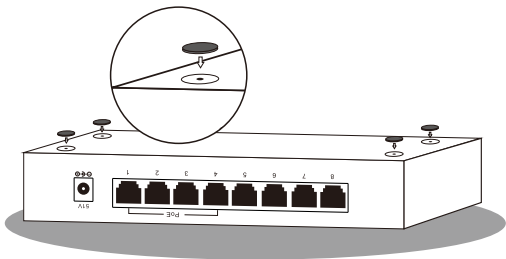


指示灯	状态	说明
Power	常亮	供电正常。
	不亮	未通电或供电异常。
PoE MAX	常亮	PoE功耗超出预警功耗（58W）。交换机将根据端口1>2>3>4的优先级顺序，依次切断优先级最低的端口的供电，直到PoE MAX灯熄灭（PoE功耗恢复正常）。
	不亮	PoE功耗正常。
PoE Status	常亮	有受电设备与对应的RJ45口连通，并供电正常。
	不亮	无受电设备与对应的RJ45口连通或无供电。
Link/Act	常亮	对应的RJ45口连接正常。
	闪烁	对应的RJ45口正在传输数据。
	不亮	对应的RJ45口未连接或连接异常。

3 设备安装

A 桌面安装方式

将4个脚垫分别粘贴在交换机底部四角对应的圆形凹槽中，之后，把交换机正面朝上置于桌面。



B 挂壁安装方式

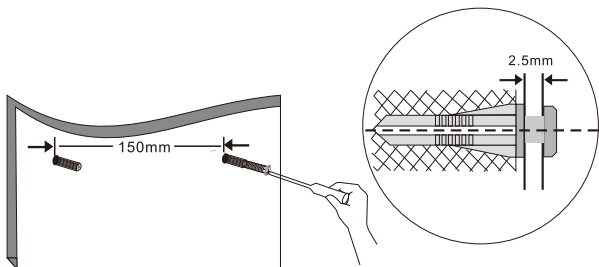
步骤1：准备以下安装工具；

 水平尺	 梯子	 十字螺丝刀
 橡胶锤	 记号笔	 冲击钻

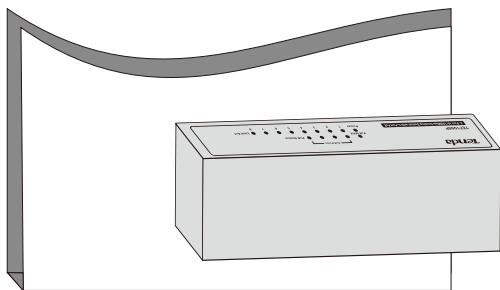
步骤2：使用冲击钻在墙上打2个直径6mm左右的孔，两孔连线保持水平，孔间间距为150mm；

步骤3：将膨胀螺管插入到墙面上的钻孔中，然后用橡胶锤敲打膨胀螺管，直到膨胀螺管与墙面齐平；

步骤4：使用十字螺丝刀将膨胀螺钉拧进膨胀螺管，螺钉头内侧与螺管外沿距离不得小于2.5mm，以确保交换机能够稳固的挂在螺钉上；



步骤5：将交换机底部的2个挂壁孔对准膨胀螺钉后，挂上。

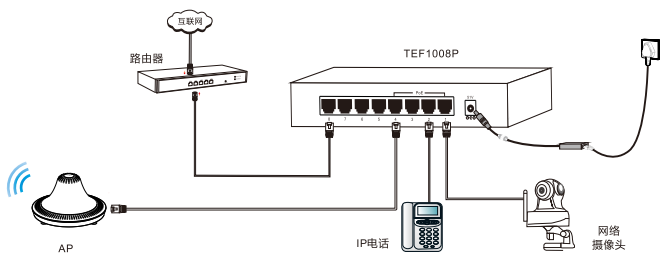


4 物理连线

步骤1：用网线连接交换机和上级网络设备（交换机、路由器等）；

步骤2：用网线连接交换机与下级网络设备，1-4口可接AP、IP电话和网络摄像头等受电设备；

步骤3：使用产品包装盒内的电源适配器给交换机供电。



Appendix/附录

A Technical Specifications

Basic properties	
Support Standard	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3at, IEEE 802.3af
Data Transmission Rate	Ethernet: 10Mbps (Half duplex) /20Mbps (Full duplex)
	Fast Ethernet: 100Mbps (Half duplex) /200Mbps (Full duplex)
Ethernet Cable	Recommend: UTP/STP Cat.5 ($\leq 100m$) or higher ($\leq 150m$)
Ports	8*10/100Mbps auto-negotiation RJ45 port; Interfaces 1-4 supports PoE supply
LEDs	8*Link/Act LEDs; 4*PoE Status LEDs; 1*Power LED; 1* PoE MAX LED
Dimension	186.7mm*106.7mm*33.3mm
Performance	
Forwarding Mechanism	Storing-forwarding mechanism
MAC Address Table Capacity	1K
MAC Address Learning	Auto-learning/auto-aging
Packets Filtering/Forwarding Rate	10BASE-T: 14881pps/port
	100BASE-TX: 148810pps/port
Switching Bandwidth	1.6Gbps
Physical Features & Environmental Requirements	
Input	External power supply: DC 51V 1.25A
Total PoE Power	58W
PoE Power Pins	Two pairs of wires: pins 1 and 2, and pins 3 and 6. (Pins 1 and 2 are "+", pins 3 and 6 are "-")
Total Power Consumption	The maximum power consumption is 2W when not using PoE supply; The maximum power consumption is 63.7W when using PoE supply gets to 58W.
Operating/Store Temperature	-10°C~45°C /-40°C~70°C
Operating/Store Humidity	10%~90% RH (non-condensing) /5%~90%RH (non-condensing)

A 产品规格参数

一般特性	
标准	IEEE 802.3i、IEEE 802.3u、IEEE 802.3x、IEEE 802.3at、IEEE 802.3af
数据传输速率	以太网：10Mbps（半双工）/20Mbps（全双工）
	快速以太网：100Mbps（半双工）/200Mbps（全双工）
网络介质	建议5类（≤100m）或5类以上（≤150m）UTP/STP
端口数量	8个10/100Mbps自适应RJ45端口，1-4口支持PoE供电功能
指示灯	8个Link/Act灯，4个PoE Status灯，1个Power灯，1个PoE MAX灯
外形尺寸	186.7mm*106.7mm*33.3mm
性能	
转发机制	存储转发
MAC地址表	1K
MAC地址学习	自动学习/老化
数据包过滤/转发速率	10BASE-T：14881pps/port
	100BASE-TX：148810pps/port
背板带宽	1.6Gbps
物理及环境特性	
输入电源	外置电源51V DC，1.25A
PoE总功率	58W
PoE供电线芯	1、2、3、6线对（1、2为正极，3、6为负极）
电源功耗	最大2W（不进行PoE供电时） 最大63.7W（PoE供电58W时）
工作 存储温度	-10°C~45°C -40°C~70°C
工作 存储湿度	10%~90% RH（无凝结） 5%~90% RH（无凝结）

B Safety and Emission Statement



CE Mark 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 measures.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.



FCC Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

B 电子信息产品有毒有害物质申明

部件名称	有毒有害物质或元素					
	铅 (pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
结构件	×	○	○	○	○	○
单板/电路模块	×	○	○	○	○	○
电源适配器	×	○	○	○	○	○
线缆	×	○	○	○	○	○
连接器	×	○	○	○	○	○
附件	×	○	○	○	○	○

1. “○”表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006标准规定的限量要求以下。

2. “X”表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006标准规定的限量要求。

3. 由于中国限量标准中没有豁免条例，故标识为“X”并不一定表示为对人体有害。

4. 对生产制造的产品，可能包含这些欧洲豁免的物质。

5. 在所售产品中可能包含所有部件也可能不包含所有部件。



此环保实用期限只适用于
产品在用户手册所规定的
条件下工作。

免责声明：

此为工业级产品，非用户端设备。在生活环境中，该设备可能会造成无线电干扰。在这种情况下，可能需要用户对于干扰采取切实可行的措施。



C 产品保修卡

感谢您购买Tenda产品，您在使用Tenda产品时将享有如下服务：

一、产品保换、保修承诺：

保修条款

产品类型	承诺政策	服务方式
主机	一年保换，两年保修	客户送修
电源	半年保换，一年保修	客户送修

说明：

- 1、“一年保换，两年保修”是指产品售出后如果出现故障，第一年可以免费更换，第二年可以免费维修；
- 2、如果此产品停产，将更换性能相当的产品；
- 3、保换、保修的产品为良品；
- 4、经腾达保换、保修过的产品，保换、保修期仍然以原产品为准。

二、产品保换、保修内容：

保换、保修的范围仅限于产品主机和电源。其它配件不在保换保修范围内，若在购机后一周内配件出现问题，可无偿保换。

若产品购买后的15天内出现设备性能问题，且外观无划伤，可在购买处更换新产品。产品在安装或使用中出现的问题，可先与腾达售后服务中心取得联系，由工程师在电话里指导解决。通过沟通，确认是产品问题的，客户可到购买处更换同一型号或与该产品性能相当的良品。如果客户无法联系到经销商，可联系腾达售后服务中心获得保换、保修服务。但经腾达检测，确认产品无故障的，将不予保换、保修。

如果返修的电源有明显的硬件损伤、裂痕、断脚、严重变形，电源线有破损、断线、裸芯等现象则不予保修，用户可另行购买。

符合保修规定的产品，我公司将免费予以维修。

Tenda产品实行全国范围联保。您在中华人民共和国境内（不包括港、澳、台地区）任何地方购买的产品，如果在使用过程中出现保修范围内的硬件故障，均可凭本产品的购机发票到腾达售后服务中心获得保换、保修服务。对不能提供购机发票的，按产品出厂日期向后顺延两个月作为保换、保修的起始日期。

三、有下列情况之一的，不属于保换、保修范围：

- 1、超过保换、保修期的；
- 2、封口标破损、私自涂改或无封口标的；
- 3、客户私自拆装或维修过的；
- 4、人为损坏，外壳或有明显划痕，受损变形的；
- 5、在高温、高压、潮湿等不正常环境下安装使用造成故障的；
- 6、雷击、水灾、地震等自然灾害造成损坏的。

四、凡不在保换、保修范围内的产品，我公司可以提供有偿维修服务。有偿维修后的产品，同一性能问题将享受自修复之日起三个月内的免费保修期。

五、其它：

上述服务承诺仅适用于我公司在中國大陸地区售出的产品。对于产品在售出时另行约定了售后服务条款的，以深圳市吉祥腾达科技有限公司确认的合同为准。

本承诺的解释权、修改权属深圳市吉祥腾达科技有限公司

维修记录表

维修日期	维修编号	维修记录	维修员签字

用户存根

(为了维护您的权益，请您认真填写，并妥善保管，送修时请出示此存根。)

产品信息	产品型号	
	序列号	
代理信息	经销商名称	
	联系电话	
	销售日期	
用户信息	用户姓名	
	通讯地址	
	联系电话	
	E-mail	