Tenda

Quick Installation Guide

9-Port 10/100M Desktop Switch With 8-Port PoE
Model: TEF1109P-8-102W

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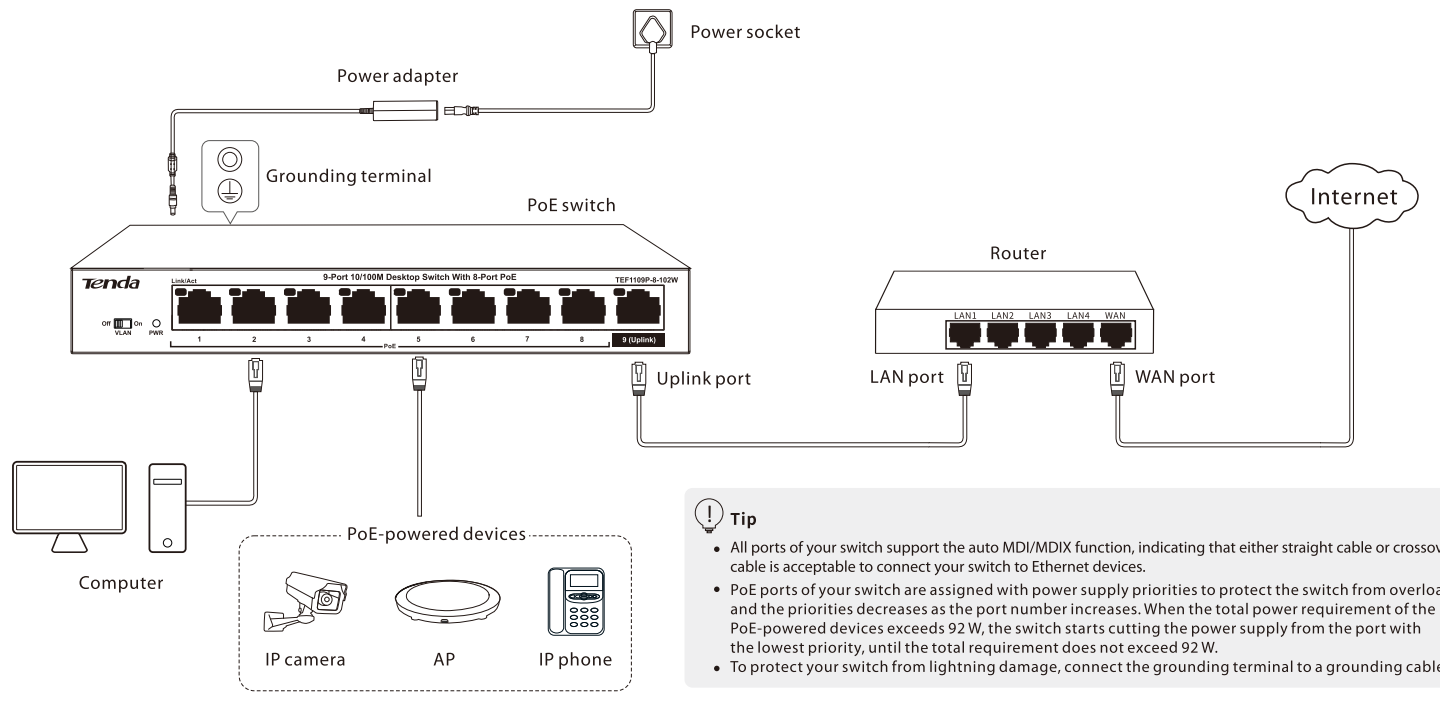
Connecting your devices



Tip

- All ports of your switch support the auto MDI/MDIX function, indicating that either straight cable or crossover cable is acceptable to connect your switch to Ethernet devices.
- PoE ports of your switch are assigned with power supply priorities to protect the switch from overload, and the priorities decreases as the port number increases. When the total power requirement of the PoE-powered devices exceeds 92 W, the switch starts cutting the power supply from the port with the lowest priority, until the total requirement does not exceed 92 W.
- To protect your switch from lightning damage, connect the grounding terminal to a grounding cable.

LED Indicator	Status	Description
PWR	Solid on	The switch is connected to power supply properly.
	Off	The switch is disconnected from power supply or not properly connected to power supply.
Link/Act	Solid on	The port is connected properly.
	Blinking	Data is being transmitted over the port.
	Off	The port is disconnected or improperly connected.

Working mode introduction

The PoE switch has two modes: **VLAN Off** and **VLAN On**. Use the slide switch to set the PoE switch to your required mode according to the following descriptions.
VLAN Off: Default mode of the PoE switch. In this mode, all ports can communicate with each other.
VLAN On: In this mode, ports 1 to 8 of TEF1109P-8-102W can communicate with port 9 but cannot communicate with each other. You can enable this mode to reduce broadcast storm and isolate DHCP broadcast.

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.
The mains plug is used as disconnect device; the disconnect device shall remain readily operable.
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.
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.
Caution!
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.

RECYCLING
This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.
User has the choice to give his product to a competent recycling organization or to the retailer when he buys new electrical or electronic equipment.

Caution:
Adapter Model: BN038-A10151
Manufacture: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.
Input: 100 - 240 V AC 50/60 Hz, 1.6 A
Output: 51 V⎓2 A
⎓: DC Voltage

Producto	NOMBRE DEL PRODUCTO: Switch de Escritorio de 9 puertos 10/100M con 8 puertos PoE MODELO: TEF1109P-8-102W
Alimentador de Energía: Alimentación: 100 - 240 V ca 50/60 Hz, 1.6 A Salida: 51 V cc 2 A	NOM NYCE
PAIS DE ORIGEN: CHINA	

LA OPERACIóN DE ESTE DISPOSITIVO ESTA SUJETA A LAS SIGUIENTES CONDICIONES:
a) Es posible que este equipo o dispositivo no cause interferencia perjudicial.
b) Este equipo o dispositivo debe aceptar cualquier tipo de interferencia, incluyendo la que pueda causar su operación no deseada.

Technical Support
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Hong Kong hotline: 00852-81931998
Website: http://www.tendacn.com
E-mail: support@tenda.com.cn

Specifications

Model		TEF1109P-8-102W
Standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x
10/100Mbps RJ45 port		9
Working mode		VLAN Off, VLAN On
Switching capacity		1.8 Gbps
Store-and-forward		Supported
MAC address learning		Auto learning & auto aging
MAC address table		2 K
PoE power supply	PoE standard	IEEE 802.3af, IEEE 802.3at
	PoE port	1 - 8
	Maximum power output of a single port	30 W
	Maximum power output of the switch	92 W
	PoE power cable core	8 cores: voltage of cores 1, 2, 4, 5 is +, and cores 3, 6, 7, 8 is -.
Lightning protection	Port	6 kV (for port 9)
	Power supply	Common mode: 4 kV Differential mode: 4 kV
Environment	Operating environment	Temperature: (0 - 40) °C Humidity: (10% - 90%) RH non-condensing
	Storage environment	Temperature: (-40 - 70) °C Humidity: (5% - 90%) RH, non-condensing
Power supply		Input: 100 - 240 V ~ 50/60 Hz 1.6 A Output: 51 V DC 2 A
Dimension		177.5 mm * 104.1 mm * 26 mm
Transmission media		Ethernet: CAT3 UTP/STP cable or better Fast Ethernet: CAT5 UTP/STP cable or better

Deutsch

LED-Anzeige	Status	Beschreibung
PWR	Leuchtet	Das Gerät ist korrekt an eine Stromversorgung angeschlossen.
	Aus	Der Switch ist von der Stromversorgung getrennt oder nicht ordnungsgemäß angeschlossen.
Link/Act	Leuchtet	Der Port ist korrekt verbunden.
	Blinkt	Die Daten werden über den Port übertragen.
	Aus	Der Port ist nicht verbunden oder falsch angeschlossen.

Einführung in die Betriebsmodi

Der PoE-Switch hat zwei Modi: **VLAN Off** und **VLAN On**. Schalten Sie den PoE-Switch über den Schieberegler in den gewünschten Modus. Wählen Sie den Modus gemäß der nachfolgenden Beschreibungen aus.
VLAN Off: Ist der Standardmodus des PoE-Switches. In diesem Modus können alle Ports des Switches untereinander kommunizieren.
VLAN On: In diesem Modus können die Ports 1 bis 8 des TEF1109P-8-102W mit dem Port 9 kommunizieren aber nicht untereinander. Verwenden Sie diesen Modus, um Broadcast-Storm zu reduzieren oder den DHCP-Broadcast zu isolieren.

Български

LED индикатор	Статус	Описание
PWR	Без прекъсване	Превключвателят е свързан правилно с електрозахранването.
	Изключен (Off)	Прекъсвачът е изключен от захранването или не е свързан правилно с него.
Link/Act	Без прекъсване	Портът е свързан правилно.
	Мигащ	Данните се предават през порта.
	Изключен (Off)	Портът е прекъснат или неправилно свързан.

Въведение в работния режим

Превключвателят за захранване по Ethernet (PoE) има два режима: **VLAN Off** (VLAN изключено) и **VLAN On** (VLAN включено). Използвайте страничния превключвател, за да настроите превключвателя за захранване по Ethernet (PoE) в изисквания режим според следните описания.
VLAN Off: Режим по подразбиране на превключвателя за захранване по Ethernet (PoE). В този режим всички портове могат да комуникират един с друг.
VLAN On: В този режим портове от 1 до 8 от TEF1109P-8-102W могат да комуникират с порт 9, но не могат да комуникират един с друг. Можете да използвате този режим, за да намалите бродкаст бурята и да изолирате излъчването на DHCP.

Français

Indicateur LED	Statut	Description
PWR	Solide en marche	Le dispositif est branché correctement à l'alimentation.
	Eteint	Le commutateur est déconnecté de la source d'alimentation ou n'est pas connecté à une source d'alimentation.
Link/Act	Solide en marche	Le port est correctement connecté.
	Clignotant	Les données sont transmises à travers le port.
	Eteint	Le port est déconnecté ou n'est pas correctement connecté.

Introduction du mode de fonctionnement

Le commutateur PoE a deux modes: **VLAN Off**, et **VLAN On**. Utilisez la glissière pour régler le commutateur PoE au mode requis selon les descriptions suivantes.
VLAN Off: Mode par défaut du commutateur PoE. Dans ce mode, tous les ports du commutateur pourraient communiquer entre eux.
VLAN On: Dans ce mode, les ports 1 à 8 de TEF1109P-8-102W peuvent communiquer avec le port 9 mais pas entre eux. Vous pouvez activer ce mode pour réduire la diffusion et isoler la diffusion DHCP.

Română

Indicator LED	Stare	Descriere
PWR	Rămâne aprins	Dispozitivul este conectat corect la sursa de alimentare.
	Oprit	Switch-ul este deconectat de la sursa de alimentare sau nu este conectat corect la sursa de alimentare.
Link/Act	Rămâne aprins	Portul corespunzător este conectat corect.
	Lumineaza intermitent	Datele sunt transmise prin port.
	Oprit	Portul este deconectat sau nu este conectat corect.

Prezentarea modurilor de lucru

Switch-ul PoE are două moduri: **VLAN Off** și **VLAN On**. Setati switch-ul PoE în modul dorit din comutator, conform următoarelor descrieri.
VLAN Off: Modul implicit al switch-ului PoE. În acest mod, toate porturile pot comunica între ele.
VLAN On: În acest mod, porturile 1-8 ale TEF1109P-8-102W pot comunica cu portul 9 dar nu pot comunica între ele. Puteți utiliza acest mod pentru a reduce broadcast storm și pentru a izola DHCP broadcast.

Italiano

Indicatore LED	Stato	Descrizione
PWR	Accensione fissa	Il dispositivo è collegato alla rete elettrica correttamente.
	Spento	L'interruttore è scollegato dall'alimentazione o non correttamente collegato a una presa di corrente.
Link/Act	Accensione fissa	La porta è collegata correttamente.
	Accensione intermittente	I dati vengono trasmessi attraverso la porta.
	Spento	La porta è scollegata o collegata in modo non corretto.

Introduzione modalità di lavoro

Lo switch PoE presenta due modalità: **VLAN Off**, e **VLAN On**. Utilizzare l'interruttore scorrevole per regolare l'interruttore PoE nella modalità richiesta secondo le seguenti indicazioni.
VLAN Off: Modalità predefinita dell'interruttore PoE. In questa modalità tutte le porte dello switch possono comunicare tra loro.
VLAN On: In questa modalità, le porte 1-8 del TEF1109P-8-102W possono comunicare con la porta 9 ma non tra di loro. Si può utilizzare questa modalità per ridurre il broadcast storm e isolare la trasmissione DHCP.

Русский

Светодиодный индикатор	Статус	Описание
PWR	Горит постоянно	Коммутатор подключен к источнику питания.
	Не горит	Коммутатор отключен от источника питания или подключен к нему неправильно.
Link/Act	Горит постоянно	Порт подключен правильно.
	Мигает	Через порт осуществляется передача данных.
	Не горит	Порт не подключен или подключен неправильно.

Обзор режимов работы

У коммутатора с PoE есть два режима: **VLAN Off** и **VLAN On**. Используйте переключатель для перевода коммутатора с PoE в нужный режим, выбранный на основе описания.
VLAN Off: Режим по умолчанию коммутатора с PoE. В этом режиме все порты могут подключаться друг к другу и имеют одинаковый приоритет.
VLAN On: В этом режиме порты 1–8 устройства TEF1109P-8-102W могут подключаться к порту 9, но не могут подключаться друг к другу. В этот режим можно перейти, чтобы уменьшить broadcast шторм и изолировать DHCP broadcast.

Español

Indicador LED	Estado	Descripción
PWR	Encendido	El dispositivo está conectado a la fuente de alimentación correctamente.
	Apagado	El switch está desconectado de una fuente de alimentación o no está conectado correctamente a una fuente de alimentación.
Link/Act	Encendido	El puerto está conectado correctamente.
	Parpadeo	Se están transmitiendo datos sobre el puerto.
	Apagado	El puerto está desconectado o mal conectado.

Introducción al Modo Trabajo

El switch PoE dispone de dos modos: **VLAN Off** y **VLAN On**. Use el interruptor para establecer el switch PoE en el modo deseado de acuerdo con las descripciones siguientes.
VLAN Off: modo predeterminado del switch PoE. En este modo, todos los puertos del conmutador pueden comunicarse entre sí.
VLAN On: En este modo, los puertos 1 a 8 del TEF1109P-8-102W pueden comunicarse con el puerto 9 pero no pueden comunicarse entre sí. Puede usar este modo para reducir la tormenta de difusión y aislar la transmisión DHCP.

Polski

Kontrolka LED	Stan	Opis
PWR	Ciągłe światło	Urządzenie jest prawidłowo podłączone do źródła zasilania.
	Wyłącz	Urządzenie jest odłączone od źródła zasilania lub nie zostało do niego poprawnie podłączone.
Link/Act	Ciągłe światło	Gniazdo jest połączone poprawnie.
	Miganie	Port obsługuje przesyłanie danych.
	Wyłączone	Port jest odłączony lub niepoprawnie podłączony.

Wprowadzenie do trybów pracy

Switch PoE może działać w dwóch trybach: **VLAN Off**. i **VLAN On**. Za pomocą przełącznika włącz w switchu PoE wymagany tryb pracy. Opisy trybów znajdują się poniżej.
VLAN Off: Tryb domyślny switcha PoE. W tym trybie wszystkie porty switcha mogą się ze sobą komunikować.
VLAN On: W tym trybie porty od 1 do 8 urządzenia TEF1109P-8-102W mogą komunikować się z portem 9, ale nie ze sobą nawzajem. Dzięki temu trybowi można zmniejszyć liczbę burz broadcastowych i odizolować rozgłaszanie DHCP.

Português

Indicador LED	Estado	Descrição
PWR	Sólido ativado	O dispositivo está ligado à fonte de alimentação adequada.
	Off (Desligado)	O interruptor é desligado da fonte de alimentação ou não é conectado a uma fonte de alimentação.
Link/Act	Sólido ativado	A porta está ligada corretamente.
	A piscar	Os dados estão a ser transmitidos pela porta.
	Off (Desligado)	A porta está desconectada ou indevidamente conectada.

Introdução ao Modo de Trabalho

O interruptor PoE tem dois modos: **VLAN Off** e **VLAN On**. Use o controlo deslizante para definir o interruptor PoE para o modo necessário de acordo com as seguintes descrições.
VLAN Off: Modo padrão do interruptor PoE. Neste modo, todas as portas do switch podem se comunicar entre si.
VLAN On: Neste modo, as portas 1 a 8 do TEF1109P-8-102W podem comunicar com a porta 9 mas não podem comunicar entre si. Pode utilizar este modo para reduzir os distúrbios de transmissão e isolar a transmissão DHCP.

Magyar

LED visszajelző	Státusz	Leírás
PWR	Folyamatosan bekapcsolva	A készülék helyesen van az energiaellátáshoz csatlakoztatva.
	Ki	A váltó nincs, vagy nem megfelelően van csatlakoztatva a tápegységhez.
Link/Act	Folyamatosan bekapcsolva	Az egyező port helyesen van csatlakoztatva.
	Villog	Adatátvitel van folyamatban a porton keresztül.
	Ki	A port nincs, vagy nem megfelelően van csatlakoztatva.

Bevezetés: üzemmódok

A PoE kapcsoló két üzemmóddal rendelkezik: **VLAN Off** (VLAN kikapcsolva) és **VLAN On** (VLAN bekapcsolva). A csúszókapcsolóval állítsa a PoE kapcsolót a kívánt üzemmódba az alábbi leírások szerint.
VLAN Off: A PoE kapcsoló alapértelmezett üzemmódja. Ebben a módban a váltó összes portja tud kommunikálni egymással.
VLAN On: Ebben az üzemmódban a TEF1109P-8-102W 1–8-es portja képes kommunikálni az 9-ös porttal, de nem képesek kommunikálni egymással. Ezzel az üzemmóddal csökkentheti a szórási viharokat, és elkülönítheti a DHCP-szórást.