

Quick Installation Guide

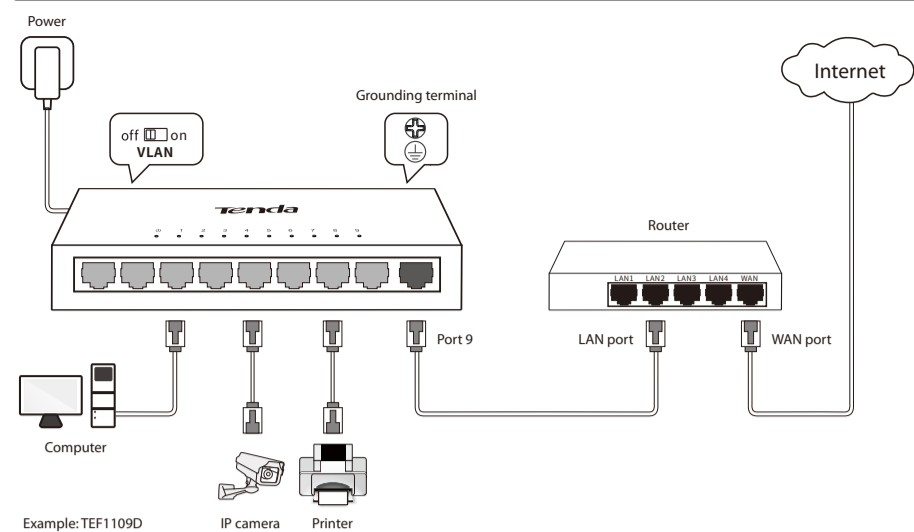
9-Port 10/100M Ethernet Desktop Switch
8FE+1GE Desktop Switch
TEF1109D/TEF1109DT

Package contents

- Switch * 1
- Power adapter * 1
- Quick installation guide * 1

If any item is missing, damaged or incorrect, please keep the original packaging and contact the local reseller or distributor immediately.

Connect your devices



Example: TEF1109D

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.
- To protect your switch from lightning damage, connect the grounding terminal of the switch to a grounding cable.

Specifications

Model	TEF1109D	TEF1109DT
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab
10/100 Mbps RJ45 Port	Port 1 - 9	Port 1 - 8
10/100/1000 Mbps RJ45 Port	/	Port 9
Working mode	VLAN off, VLAN on	
Switching capacity	1.8 Gbps	3.6 Gbps
Store-and-forward	Supported	
Auto learning & auto aging	Supported	
MAC address table	2 K	
Dimension	140.2 mm * 66.2 mm * 25.2 mm	
Power supply	Input: 100-240 V AC, 50/60 Hz, 0.3 A Output: 9 V DC, 0.6 A	
Lightning protection	6 kV for port 9	
Operating environment	Temperature: (0 - 40) °C Humidity: (10 - 90) % RH, non-condensing	
Storage environment	Temperature: (-40 - 70) °C Humidity: (5 - 90) % RH, non-condensing	
Transmission rate	Ethernet: 10 Mbps (half duplex) / 20 Mbps (full duplex)	
	Fast Ethernet: 100 Mbps (half duplex) / 200 Mbps (full duplex)	Gigabit Ethernet: 2000 Mbps (full duplex)
Transmission media	Ethernet: CAT3 UTP/STP cable or better Fast Ethernet: CAT5 UTP/STP cable or better	
	/	Gigabit Ethernet: CAT5e or CAT6 UTP/STP cable (recommended)

LED indicators

English

LED indicator	Status	Description
Ⓟ	Solid on	The switch is connected to a power resource properly.
	Off	The switch is disconnected or not properly connected to a power resource.
1-9	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 switch has two modes: VLAN off and VLAN on. Use the slide switch to set the switch to your required mode according to the following descriptions.

VLAN off: Default mode of the switch. In this mode, all ports can communicate with each other.

VLAN on: In this mode, ports 1 to 8 of TEF1109D/TEF1109DT can communicate with port 9 but cannot communicate with each other. You can enable this mode to reduce broadcast storm and isolate DHCP broadcast.

LED-Anzeige

Deutsch

LED-Anzeige	Status	Beschreibung
Ⓟ	Leuchtet	Das Gerät ist korrekt an eine Stromversorgung angeschlossen.
	Aus	Der Switch ist von der Stromversorgung getrennt oder nicht ordnungsgemäß angeschlossen.
1-9	Leuchtet	Der Port ist korrekt verbunden.
	Blinkt	Die Daten werden über den Port übertragen.
	Aus	Der Port ist nicht verbunden oder falsch angeschlossen.

Indicateurs LED

Français

Indicateur LED	Statut	Description
Ⓟ	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.
1-9	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.

Indicadores LED

Español

Indicador LED	Estado	Descripción
Ⓟ	Encendido	El dispositivo está conectado a la fuente de alimentación correctamente.
	Apagado	El switch está desconectado o no correctamente conectado a una fuente de alimentación.
1-9	Encendido	El puerto está conectado correctamente.
	Parpadeo	Se están transmitiendo datos sobre el puerto.
	Apagado	El puerto está desconectado o mal conectado.

Indicadores LED

Português

Indicador LED	Estado	Descrição
Ⓟ	Sólido ativado	O dispositivo está ligado a fonte de alimentação adequada.
	Off (Desligado)	O interruptor é desligado da fonte de alimentação ou não é conectado a uma fonte de alimentação.
1-9	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.

Indicatori LED

Italiano

Indicatore LED	Stato	Descrizione
Ⓟ	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.
1-9	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.

Einführung in die Betriebsmodi

Der Switch hat zwei Modi: VLAN off und VLAN on. Schalten Sie den Switch über den Schieberegler in den gewünschten Modus. Wählen Sie den Modus gemäß der nachfolgenden Beschreibungen aus.

VLAN off: Ist der Standardmodus des Switches. In diesem Modus können alle Ports des Switches untereinander kommunizieren.

VLAN on: In diesem Modus können die Ports 1 bis 8 des TEF1109D/TEF1109DT mit dem Port 9 kommunizieren aber nicht untereinander. Verwenden Sie diesen Modus, um Broadcast-Sturm zu reduzieren oder den DHCP-Broadcast zu isolieren.

Introduction du mode de fonctionnement

Le commutateur a deux modes: VLAN off, et VLAN on. Utilisez la glissière pour régler le commutateur au mode requis selon les descriptions suivantes.

VLAN off: Mode par défaut du commutateur. Dans ce mode, tous les ports du commutateur pourraient communiquer entre eux.

VLAN on: Dans ce mode, les ports 1 à 8 de TEF1109D/TEF1109DT peuvent communiquer avec le port 9 mais pas entre eux. Vous pouvez activer ce mode pour réduire la diffusion et isoler la diffusion DHCP.

Introducción al Modo Trabajo

El switch dispone de dos modos: VLAN off y VLAN on. Use el interruptor para establecer el switch en el modo requerido de acuerdo con las descripciones siguientes.

VLAN off: modo predeterminado del switch. En este modo, todos los puertos del conmutador pueden comunicarse entre sí.

VLAN on: En este modo, los puertos 1 a 8 del TEF1109D/TEF1109DT 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.

Introdução ao Modo de Trabalho

O interruptor tem dois modos: VLAN off e VLAN on. Use o controle deslizante para definir o interruptor para o modo necessário de acordo com as seguintes descrições.

VLAN off: Modo padrão do interruptor. Neste modo, todas as portas do switch podem se comunicar entre si.

VLAN on: Neste modo, as portas 1 a 8 do TEF1109D/TEF1109DT 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.

Introduzione modalità di lavoro

Lo switch presenta due modalità: VLAN off, e VLAN on. Utilizzare l'interruttore scorrevole per regolare l'interruttore nella modalità richiesta secondo le seguenti indicazioni.

VLAN off: Modalità predefinita dell'interruttore. In questa modalità tutte le porte dello switch possono comunicare tra loro.

VLAN on: In questa modalità, le porte 1 - 8 del TEF1109D/TEF1109DT 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.

LED-jelzők

Magyar

LED visszajelző	Státusz	Leírás
Ⓟ	Folyamatosan bekapcsolva	A készülék helyesen van az energiaellátáshoz csatlakoztatva.
	kikapcsolva	A váltó nincs, vagy nem megfelelően van csatlakoztatva a tápegységhez.
1-9	Folyamatosan bekapcsolva	Az egyes port helyesen van csatlakoztatva.
	Villog	Adatátvitel van folyamatban a porton keresztül.
	kikapcsolva	A port nincs, vagy nem megfelelően van csatlakoztatva.

Bevezetés: üzemmóddok

A kapcsoló két üzemmóddal rendelkezik: VLAN off (VLAN kikapcsolva) és VLAN on (VLAN bekapcsolva). A csúszókápcsolóval állítsa a kapcsolót a kívánt üzemmódba az alábbi leírások szerint.

VLAN off: A kapcsoló alapértelmezett üzemmódja. Ebben a módban a váltó összes portja tud kommunikálni egymással.

VLAN on: Ebben az üzemmódban a TEF1109D/TEF1109DT 1-8-es portja képes kommunikálni az 9-ös porttal, de nem képesek kommunikálni egymással. Ezzel az üzemmóddal csökkentheti a szórás viharokat, és elkülönítheti a DHCP-szórászt.

LED индикатори

Български

LED индикатор	Статус	Описание
Ⓟ	Без прекъсване	Превключателят е свързан правилно с електрозахранването.
	Изключен (Off)	Прекъсвачът е изключен от захранването или не е свързан правилно с него.
1-9	Без прекъсване	Портът е свързан правилно.
	Мигащ	Данните се предават през порта.
	Изключен (Off)	Портът е прекъснат или неправилно свързан.

Въведение в работния режим

Превключателят има два режима: **VLAN off** (VLAN изключено) и **VLAN on** (VLAN включено). Използвайте страничния превключател, за да настроите превключателя в изисквания режим според следните описания.

VLAN off: Режим по подразбиране на превключателя. В този режим всички портове могат да комуникират един с друг.

VLAN on: В този режим портове от 1 до 8 от TEF1109D/TEF1109DT 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.

Kontrolki LED

Polksi

Kontrolka LED	Stan	Opis
Ⓟ	Ciągle światło	Urządzenie jest prawidłowo podłączone do źródła zasilania.
	Wyłączone	Urządzenie jest odłączone od źródła zasilania lub nie zostało do niego poprawnie podłączone.
1-9	Ciągle światło	Gniazdo jest połączone poprawnie.
	Miganie	Port obsługuje przesyłanie danych.
	Wyłączone	Port jest odłączony lub niepoprawnie podłączony.

Wprowadzenie do trybów pracy

Switch może działać w dwóch trybach: VLAN off i VLAN on. Za pomocą przelaznika włącz w switchu wymagany tryb pracy. Opisy trybów znajdują się poniżej.

VLAN off: Tryb domyślny switcha. W tym trybie wszystkie porty switcha mogą się ze sobą komunikować.

VLAN on: W tym trybie porty od 1 do 8 urządzenia TEF1109D/TEF1109DT mogą komunikować się z portem 9, ale nie ze sobą nawzajem. Dzięki temu trybowi można zmniejszyć liczbę burz broadcastowych i odizolować rozgłaszanie DHCP.

Indicatoare LED

Română

Indicator LED	Stare	Descriere
Ⓟ	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.
1-9	Rămâne aprins	Portul corespunzător este conectat corect.
	Luminează intermitent	Datele sunt transmise prin port.
	Oprit	Portul este deconectat sau nu este conectat corect.

Prezentarea modulelor de lucru

Switch-ul are două moduri: VLAN off și VLAN on. Setati switch-ul in modul dorit din comutator, conform mătatoarelor descrieri.

VLAN off: Modul implicit al switch-ului. În acest mod, toate porturile pot comunica între ele.

VLAN on: În acest mod, porturile 1 - 8 ale TEF1109D/TEF1109DT 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.

Светодиодные индикаторы

Русский

Светодиодный индикатор	Статус	Описание
Ⓟ	Горит постоянно	Коммутатор подключен к источнику питания.
	Не горит	Коммутатор отключен от источника питания или подключен к нему неправильно.
1-9	Горит постоянно	Порт подключен правильно.
	Мигает	Через порт осуществляется передача данных.
	Не горит	Порт не подключен или подключен неправильно.

Обзор режимов работы

У коммутатора есть два режима: **VLAN off** и **VLAN on**. Используйте переключатель для перевода коммутатора в нужный режим, выбранный на основе описания.

VLAN off: Режим коммутатора по умолчанию. В этом режиме все порты могут подключаться друг к другу и имеют одинаковый приоритет.

VLAN on: В этом режиме порты 1 - 8 устройства TEF1109D/TEF1109DT 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.

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.



Caution:

Adapter Model: BN049-A05009E/BN049-A05009B
Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.
Input: 100 - 240 V AC 50/60 Hz, 0.3 A
Output: 9 V = 600 mA
= : DC Voltage

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.



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 a new electrical or electronic equipment.

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.

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