

Tenda

Installation Guide

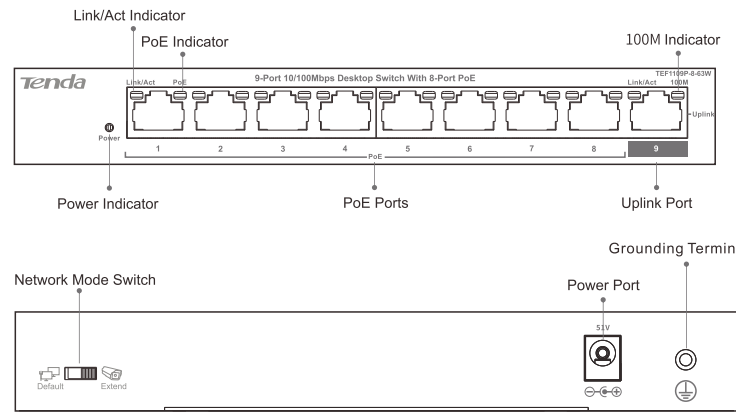
TEF1109P-8-63W
9-Port 10/100Mbps Desktop Switch With 8-Port PoE

Package Contents

- Switch * 1
- Power Adapter *1
- Installation Guide * 1

If any item is incorrect, missing, or damaged, please keep the original package and contact the vendor for replacement immediately.

1. Product Overview



LED Indicators

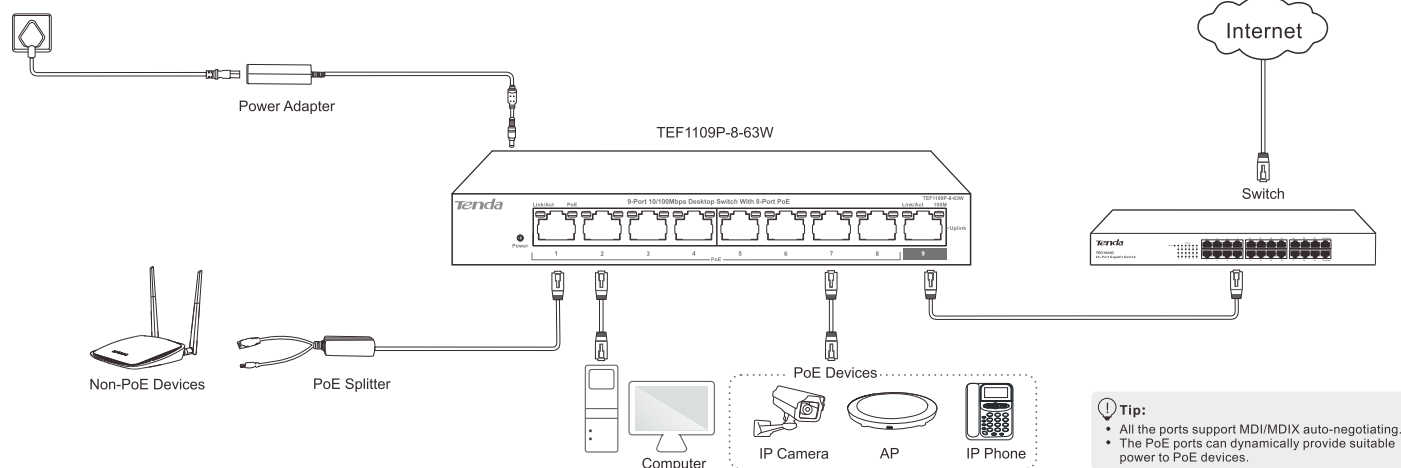
LED	Status	Description
Power	Solid	Power supply is provided to the device properly.
	Off	Power supply is provided improperly, or not provided to the device.
Link/Act	Solid	The corresponding port is connected.
	Blinking	The corresponding port is connected and is transmitting data.
PoE	Off	No connection is established.
	Solid	A powered device is connected and powered properly.
100M	Blinking	A powered device is connected and the power consumption level is too high.
	Off	No powered device is connected or PoE power is not provided.
	Solid	Port negotiation rate is 100Mbps.
	Off	Port negotiation rate is 10Mbps on the premise that the Link/Act indicator of corresponding port is solid or blinking.

Ports/Switch/Interfaces

Item	Type	Description
PoE 1-8	10/100M PoE port	Used to transmit data and provide power to the connected devices that are compatible with IEEE 802.3af or IEEE 802.3at standard.
Uplink 9	Uplink port/non-PoE port	Used to connect to an uplink device, such as a router or a core switch.
Default	Network mode switch	Default: In this state, the transmission rate of PoE port 1-8 is up to 100Mbps.
Extend	Network mode switch	Extend: In this state, the transmission rate of PoE port 1-8 is up to 10Mbps, but the transmission distance is up to 250m.
51V	Power interface	Used to power the device by the included power adapter.
Grounding terminal	Grounding terminal	Used to connect the protective ground against lightning strikes.

Tip:
* In Extend state, please use a CAT5E Ethernet cable or better, and make sure that the rate of the other device is set to Auto negotiation.
* In Default state, if you use a CAT5E Ethernet cable or better, the PoE data transmission distance is up to 140m.

2. Application



Specifications

Item	Specification
Interface	10/100M RJ45
	Lightning-proof Ranking
Performance	MAC Address Table
	MAC Address Learning
PoE Standard	PoE Powering Mode
	PoE Port

Max Port Output	30W
Max Total Output	58W
Extend Mode	Supported transmission distance is up to 250 meters.
Power Input	51V DC, 1.25A
Physical Environment	Operating Environment
	Storage Environment
Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Español

Especificaciones técnicas

Artículo	Especificaciones	
Interfaces	10/100M RJ45	9
	Clasificación de la protección contra descargas atmosféricas	6kV
Rendimiento	Almacenar y retransmitir	Compatible
	Tabla MAC	4k
	Aprendizaje MAC	Vencimiento automático de dirección MAC
	Capacidad de conmutación	1.8Gbps
Alimentación PoE	Estándar PoE	IEEE 802.3af, IEEE 802.3at
	Modo de alimentación PoE	Soporta alimentación de 8 contactos, lo cual significa que los contactos 1, 2, 3, 6 y los contactos 4, 5, 7, 8 pueden funcionar simultáneamente
	Puerto PoE	1-8
	Potencia máx. del puerto	30W
	Max Total Potencia máx. Total	58W
	Extend Modo	Admite una distancia de transmisión de hasta 250 m
Potencia de entrada	51V DC, 1.25A	
	Entorno de funcionamiento	Temperatura: 0°C ~ 40°C Humedad: 10 ~ 90 % HR sin condensación
Entorno físico	Entorno de almacenamiento	Temperatura: -40°C ~ 70°C Humedad: 5 ~ 90 % RH sin condensación
	Estándar de red	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Deutsch

Technische Spezifikationen

Artikel	Spezifikationen	
Schnittstellen	10/100M RJ45	9
	Lightning-proof Blitzschutz-Rangliste	6kV
Leistung	Speichern und Vorwärts	Unterstützt
	MAC Tabelle	4k
	MAC-Adressen-Lernen	MAC Adressen Auto-Fälligkeit
	Schaltleistung	1.8Gbps
PoE-Strom	PoE-Standard	IEEE 802.3af, IEEE 802.3at
	PoE-Stromversorgungsmodus	Unterstützt die Stromversorgung von 8 Stiften, was bedeutet, dass die Stifte 1, 2, 3, 6 und die Stifte 4, 5, 7, 8 können gleichzeitig versorgt werden
	PoE-Port	1-8
	Max Port-Leistung	30W
	Max Gesamtleistung	58W
	Extend Modus	Unterstützt eine Übertragungsdistanz von bis zu 250m
Power Input	51V DC, 1.25A	
	Betriebsumgebung	Temperatur: 0°C ~ 40°C Feuchtigkeit: 10% ~ 90% RH nicht-kondensierend
Physikalische Umgebung	Lagerumgebung	Temperatur: -40°C ~ 70°C Feuchtigkeit: 5% ~ 90% RH nicht-kondensierend
	Netzwerk Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Italiano

Specifiche tecniche

Voce	Specifiche	
Interfacce	10/100M RJ45	9
	Classificazione di protezione al fulmine	6kV
Prestazione	Store-and-Forward (Memorizza e inoltra)	Supportato
	Tabella MAC	4k
	Apprendimento MAC Address	Auto-aging indirizzo MAC
	Capacità di commutazione	1.8Gbps
Alimentazione PoE	PoE standard	IEEE 802.3af, IEEE 802.3at
	Modalità di alimentazione PoE	Supporta 8 pin di alimentazione, il che significa che i pin 1, 2, 3, 6 e i pin 4, 5, 7, 8 sono in grado di alimentare contemporaneamente
	Porta PoE	1-8
	Uscita massima porta	30W
	Uscita massima totale	58W
	Extend modalità	Supporto distanza di trasmissione fino a 250 m
Ingresso alimentazione	51V DC, 1.25A	
	Ambiente fisico	Temperatura: 0°C ~ 40°C Umidità: Umidità relativa 10% ~ 90% senza condensa
Standard di rete	Ambiente di stoccaggio	Temperatura: -40°C ~ 70°C Umidità: Umidità relativa 5% ~ 90% senza condensa
		IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Português

Especificações técnicas

Item	Especificações	
Interfaces	10/100M RJ45	9
	Ranking da função à prova de raios	6kV
Desempenho	Store-and-Forward (Armazenamento e Reenvio)	Suportado
	Tabela MAC	4k
	PoE Padrão	Expiração automática de endereço MAC
	Capacidade de comutação	1.8Gbps
Energia de PoE	PoE Padrão	IEEE 802.3af, IEEE 802.3at
	Modo Energização PoE	Suporta 8 pinos que dão energia, o que significa pinos 1, 2, 3, 6 e pinos 4, 5, 7, 8 podem fornecer energia simultaneamente
	Porta PoE	1-8
	Porta de Saída Máx	30W
	Saída Total Máx	58W
	Extend Modo	Suporta uma distância de transmissão de até 250m
Entrada de energia	51V DC, 1.25A	
	Ambiente operacional	Temperatura: 0°C ~ 40°C Umidade: 10% ~ 90% umidade relativa sem condensação
Ambiente físico	Ambiente de armazenamento	Temperatura: -40°C ~ 70°C Umidade: 5% ~ 90% umidade relativa sem condensação
	padrão de rede	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Polski

Specyfikacja techniczna

Przedmiot	Specyfikacja	
Interfejsy	10/100M RJ45	9
	Ochrona odgromowa	6kV
Wydajność	Przechowywanie i przesyłanie	Obsługiwane
	Tabela MAC	4k
	Zapamiętywanie adresu MAC	Automatyczne starzenie się adresów MAC
	Zdolność łączeniowa	1.8Gbps
Zasilanie sieciowe	Standard PoE	IEEE 802.3af, IEEE 802.3at
	Tryb zasilania sieciowego	Obsługa zasilania 8 bolców, co oznacza, że bolce 1, 2, 3, 6 oraz 4, 5, 7, 8 mogą dostarczać zasilanie jednocześnie
	Port zasilania	1-8
	Maks. moc portu	30W
	Maks. moc łączna	58W
	Extend trybie	Obsługa transmisji na dystansie do 250 m
Zasilanie	51V DC, 1.25A	
	Środowisko robocze	Temperatura: 0°C ~ 40°C Wilgotność: 10% ~ 90% RH bez kondensacji
Środowisko o fizyczne	Warunki przechowywania	Temperatura: -40°C ~ 70°C Wilgotność: 5% ~ 90% RH bez kondensacji
	Standard sieci	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Русский

Технические характеристики

Наименование	Характеристики	
Интерфейсы	10/100M RJ45	9
	Lightning-proof Клас защиты от молний	6kV
выполнение	хранение и использование	Поддерживается
	MAC таблица	4k
	MAC автоматическое запоминание адресов	Авто-старение MAC адресов
	Коммутационная способность	1.8Gbps
Питание PoE	PoE стандарт	IEEE 802.3af, IEEE 802.3at
	Режим питания PoE	Поддержка 8-контактного питания, что означает одновременное питание контактов 1, 2, 3, 6 и контактов 4, 5, 7, 8
	Порт PoE	1-8
	Макс. выходная мощность порта	30W
	Макс. общая выходная мощность	58W
	Extend режим	поддерживаемое расстояние передачи до 250 м
входная мощность	51V DC, 1.25A	
	Рабочие условия	Температура: 0°C ~ 40°C Влажность: 10% ~ 90% относительной влажности без конденсации
Физические условия	Условия хранения	Температура: -40°C ~ 70°C Влажность: 5% ~ 90% относительной влажности без конденсации
	Сетевой стандарт	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Română

Specificații tehnice

Articol	Specificații	
Intrefețe	10/100M RJ45	9
	Clasificare de protecție împotriva fulgerelor	6kV
Performanță	Mecanism Store-and-Forward (stochează și trimite)	Suportat
	Tabel MAC	4k
	Studiere adresă MAC	Evoluție automată adresă MAC
	Capacitate de comutare	1.8Gbps
Tensiune PoE	Standard PoE	IEEE 802.3af, IEEE 802.3at
	Mod alimentare PoE	Supportă 8 pini de alimentare, ceea ce înseamnă că pini 1, 2, 3, 6 și pini 4, 5, 7, 8 pot alimenta simultan
	Port PoE	1-8
	Încălzire max port	30W
	Încălzire totală port	58W
	Extend mod	Supportă distanța de transmisie de până la 250 m
Intrare alimentare	51V DC, 1.25A	
	Mediu de funcționare	Temperatura: 0°C ~ 40°C Umiditate: 10% ~ 90% RH fără condensare
Mediu fizic	Mediu de stocare	Temperatura: -40°C ~ 70°C Umiditate: 5% ~ 90% RH fără condensare
	Standard rețea	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Türk

Teknik Özellikler

Madde	Özellikler	
Arayüzler	10/100M RJ45	9
	Yıldırım Geçirmezlik Sıralaması	6kV
Performans	Depola-ve-ilet	Destekli
	MAC Tablosu	4k
	MAC Adresi Öğrenme	MAC adresi otomatik öğrenme
	Anahtarlama Kapasitesi	1.8Gbps
Giriş Bağlantı Noktası Gücü	PoE Standartı	IEEE 802.3af, IEEE 802.3at
	Giriş Bağlantı Noktası Besleme Modu	1, 2, 3, 6 pimlerini ve 4, 5, 7, 8 pimlerini aynı anda beslediği anlamına gelen, 8 pin beslemeyi destekler
	Giriş Bağlantı Noktası Bağlantı Noktası	1-8
	Maksimum Bağlantı Noktası Çıkışı	30W
	Maksimum Toplam Çıkışı	58W
	Extend modda	250 m'ye kadar iletme mesafesi desteği
Güç girişi	51V DC, 1.25A	
	Çalışma Ortamı	Sıcaklık: 0°C ~ 40°C Nem: %10 ~ %90 RH yoğunlaşmaz
Fiziksel Ortam	Depolama Ortamı	Sıcaklık: -40°C ~ 70°C Nem: %5 ~ %90 RH yoğunlaşmaz
	Ağ standartı	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Magyar

Műszaki adatok

Tétel	adatok	
Felületek	10/100M RJ45	9
	Villám biztos sorolás	6kV
Teljesítmény	Tárolás és továbbítás	Támogatott
	MAC tábla	4k
	MAC cím tanulás	MAC cím automatikus-elévülés
	Kapcsolási kapacitás	1.8Gbps
PoE teljesítmény	PoE szabvány	IEEE 802.3af, IEEE 802.3at
	PoE táplálási mód	8 érintkezős táplálást támogat, ami 1, 2, 3, 6 érintkező és 4, 5, 7, 8 érintkező egyidejű táplálását jelenti
	PoE port	1-8
	Max Port Kimenet	30W
	Max Össz Kimenet	58W
	Extend mód	Támogatja az adattovábbítást akár 250 méteres távolságra is
Felvett teljesítmény	51V DC, 1.25A	
	Működési környezet	Hőfok: 0°C ~ 40°C Nedvesség: 10% ~ 90% RH nem lecsapódó
Fizikai környezet	Tárolási környezet	Hőfok: -40°C ~ 70°C Nedvesség: 5% ~ 90% RH nem lecsapódó
	Hálózati szabvány	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Français

Caractéristiques techniques

Article	Caractéristiques	
Interfaces	10/100M RJ45	9
	Classement de protection contre la foudre	6kV
Performance	Enregistrer et faire suivre	Supporté
	Tableau MAC	4k
	Plan d'apprentissage MAC	Vieillessement automatique d'adresse MAC
	Capacité de commutation	1.8Gbps
Alimentation PoE	Standard PoE	IEEE 802.3af, IEEE 802.3at
	Mode d'alimentation du PoE	Supporte l'alimentation avec 8 broches, ce qui signifie que les broches 1, 2, 3, 6 et les broches 4, 5, 7, 8 peuvent être alimentées simultanément
	Port PoE	1-8
	Sortie max. du port	30W
	Sortie totale du port	58W
	Extend mode	Distance de transmission atteignant jusqu'à 250 m
Entrée d'alimentation	51V DC, 1.25A	
	Environnement d'exploitation	Température: 0°C ~ 40°C Humidité: 10 % ~ 90 % d'humidité relative sans condensation
Environnement physique	Environnement de stockage	Température: -40°C ~ 70°C Humidité: 5 % ~ 90 % d'humidité relative sans condensation
	Norme de réseau	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x

Producto	NOMBRE DEL PRODUCTO: Switch de escritorio de 9 puertos PoE 10/100 MODELO:TEF1109P-8-63W	NOM
Alimentador de Energía: Alimentación: 100-240 ca 50Hz/60Hz, 1.5A Salida: 51V cc 1.25A		
PAIS DE ORIGEN: CHINA		



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.

For Pluggable Equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

WARNING: The mains plug is used as disconnect device, the disconnect device shall remain readily operable.



Caution :

Adapter Model: BN031-A85051
Manufacture: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.

Input: 100-240V~, 50Hz/60Hz 1.5A Output: 51Vdc, 1.25A

---: DC Voltage



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.



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.

Technical Support

United States Hotline: 1-800-570-5892
Canada Hotline: 1-888-998-8966
HongKong Hotline: 00852-81931998
Skype: Tendasz
Website: http://www.tendacn.com

E-mail: support@tenda.com.cn