Tenda

Quick Installation Guide

9GE+1SFP Ethernet Switch With 8-Port PoE
TEG1110PF-8-102W

Package contents

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

This guide instructs how to install and connect the device. For more details, please visit www.tendacn.com.

1 Install the device

Preparations

You shall prepare the following tools and materials for device installation.

- Desktop mounting: ESD bracelet (or ESD gloves)
- Wall mounting: ESD bracelet (or ESD gloves), ladder, screwdriver, marker, hammer drill, rubber hammer, levelling instrument, screws (self-prepared: PA3*14 mm, head diameter: 5.2 mm, head height: 1.8 mm) and expansion bolts (self-prepared: height: 6.6 mm, inner diameter: 2.4 mm, length: 26.4 mm).

Installation

Desktop mounting

Horizontally place the switch right-side up on a big enough, clean, stable and flat desktop.

Wall mounting

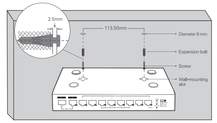
Note:

- This switch can only be installed on non-flammable walls, such as a concrete wall.
- Do **NOT** install the switch with its air vents facing downward; otherwise, there will be potential safety hazards.
- The equipment is suitable for mounting at heights > 2 m.

Step 1 Use a hammer drill to drill 2 holes (diameter: 6 mm) on the wall and the distance between the 2 holes is 113.50 mm. Keep the two holes on a horizontal line.

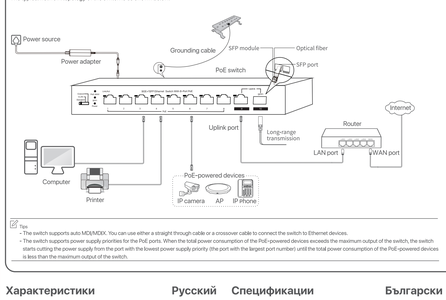
Step 2 Knock the expansion bolts (self-prepared: height: 6.6 mm, inner diameter: 2.4 mm, length: 26.4 mm) into the holes using a rubber hammer. Use a screwdriver to fix the screws (self-prepared: PA3*14 mm, head diameter: 5.2 mm, head height: 1.8 mm) into the expansion bolts.
Distance between the inside surface of the screw header and the edge of the expansion bolt should not be less than 2.5 mm, to make sure that the switch can be hung on the screws firmly.

Step 3 Align the two wall-mounting slots on the bottom of the switch with the two screws on the wall, and then slide the switch to fit in the screws until it is firmly hung on the screws.



2 Connect the device

The typical network topology of the switch is as shown below.



Tips

- The switch supports auto MDI/MDIX. You can use either a straight through cable or a crossover cable to connect the switch to Ethernet devices.
- The switch supports power supply priorities for the PoE ports. When the total power consumption of the PoE-powered devices exceeds the maximum output of the switch, the switch starts cutting the power supply from the port with the lowest power supply priority (the port with the largest port number) until the total power consumption of the PoE-powered devices is less than the maximum output of the switch.

After connection, you can check whether the switch is connected properly or change the working mode according to the following table.

LED indicators

LED indicator	Description
Power	Solid on: Powered on Off: Powered off or powered improperly
SFP1, LINK/ACT (at the upperleft corner of each port)	Solid on: Connected but not active Blinking: Active in data transmission Off: Not connected or connected improperly
PoE-MAX	Blinking red: Reach max. PoE budget Off: Not reach max. PoE budget

Working mode toggle

Working mode	Description
Standard	Default mode. In this mode, all ports can communicate with each other.
VLAN	In this mode, ports 1–8 are isolated from each other, but all of them can communicate with port 9 and SFP1. In this mode, nodes DHCP broadcast will reduce broadcast rate.
Extend	In this mode, ports 1–8 decrease to 10 Mbps in negotiation rate, but transmit up to 250 m in distance. For better network extension, please use CAT5e or better Ethernet cables, and set the speed and duplex mode of the port of the peer device to "Auto-negotiation". If the peer device is an IP camera, set its bit rate below 8 Mbps for timeliness of video transmission.

Specifications — English

Model		TEG1110PF-8-102W
Port	Port RJ45 10/100/1000 Mbps	9
	Port SFP 1000 Mbps	1 independent SFP port
	Working mode	Standard, VLAN, Extend
Performance	Switching mode	Store-and-forward
	MAC address table learning	Auto-aging, auto learning
	MAC address table	16 K
PoE power supply	PoE standard	IEEE 802.3at, IEEE 802.3af
	PoE power cable core	8 cores: voltage of cores 1, 2, 4, 5 is +, and cores 3, 6, 7, 8 is -
	PoE port	1–8
	Maximum output power of a single port	30 W
	Maximum output power of the switch	92 W
Dimensions (L × W × H)		177.5 mm × 104 mm × 26 mm
Power supply	Input	100 – 240V AC, 50/60Hz, 1.6A
	Output	57V DC, 2A
Lightning protection	RJ45 port	Common mode: 6 KV
	Power supply	Common mode: 6 KV Differential mode: 4 KV
Operating environment		Temperature: 0°C – 40°C Humidity: 10% – 90% RH, non-condensing
Storage environment		Temperature: -40°C – 70°C Humidity: 0% – 90% RH, non-condensing
Data transmission rate		Ethernet: 10 Mbps (half duplex)/20 Mbps (full duplex) Fast Ethernet: 100 Mbps (half duplex)/200 Mbps (full duplex) Ethernet: Gigabit: 2000 Mbps (full duplex)
Transmission media		Ethernet: CAT3 or better UTP/STP cable Fast Ethernet: CAT5e or better UTP/STP cable Gigabit Ethernet: CAT5e or CAT6 UTP/STP cable 1000Base-SX: MMF 1000Base-LX: MMF or SMF
Network standards		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Характеристики — Русский

Модель		TEG1110PF-8-102W
Порт	Порт RJ45 10/100/1000 Мбит/с	9
	Порт SFP 1000 Мбит/с	1 независимый SFP порт
	Рабочий режим	Standard, VLAN, Extend
Производительность	Режим переключения	Сохранение и дальнейшая передача
	Изучение MAC-адресов	Автоматическое старение, автоматическое обучение
	Таблица MAC-адресов	16 K
Электропитание PoE	Стандарт PoE	IEEE 802.3at, IEEE 802.3af
	Жила силового кабеля PoE	8 жил: напряжение жил 1, 2, 4, 5 — "+", а для жил 3, 6, 7, 8 — "-"
	PoE-порт	1–8
	Максимальная выходная мощность одного порта	30 Вт
	Максимальная выходная мощность коммут-ора	92 Вт
Размеры (Д × Ш × В)		177.5 мм × 104 мм × 26 мм
Источник питания	Вход	100–240 В перем. тока, 50/60 Гц, 1.6A
	Выход	57 В постоянного тока, 2A
Молниезащита	Порт RJ45	Обычный режим: 6 kV
	Источник питания	Обычный режим: 6 kV Дифференциальный режим: 4 kV
Рабочая среда		Температура: 0°C – 40°C Влажность: 10% – 90% RH, без конденсации
Условия хранения		Температура: -40°C – 70°C Влажность: 0% – 90% RH, без конденсации
Скорость передачи информации		Ethernet: 10 Мбит/с (полудуплексный)/20 Мбит/с (полнодуплексный) Fast Ethernet: 100 Мбит/с (полудуплексный)/200 Мбит/с (полнодуплексный) Гигабитный Ethernet: 2000 Мбит/с (полнодуплексный)
Средства передачи		Ethernet: Кабель CAT3 UTP/STP или выше Fast Ethernet: Кабель CAT5 UTP/STP или выше Gigabit Ethernet: Кабель CAT5E или CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF или SMF
Стандарты сети		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Спецификации — Български

Модел		TEG1110PF-8-102W
Порт	10/100/1000 Мбps RJ45 порт	9
	1000 Мbps SFP порт	1 независим SFP порт
	Работен режим	Standard, VLAN, Extend
Технически показатели	Режим на превключване	Съхраняване и пренасяне
	Обучение на MAC адреси	Самообучение, автоматично остаряване на остарели MAC адреси
	Таблица с MAC адреси	16 K
PoE захранване	PoE стандарт	IEEE 802.3at, IEEE 802.3af
	PoE захранващ кабелен корд	8 жили: напрежение на жили 1, 2, 4, 5 е „+", а для жили 3, 6, 7, 8 е „-"
	PoE порт	1–8
	Максимална изходна мощност на един порт	30 W
	Максимална изходна мощност на целия комутатор	92 W
Размери (Д × Ш × В)		177.5 mm × 104 mm × 26 mm
Захранване	Вход	100–240 V, AC, 50/60 Hz, 1.6A
	Изход	57V DC, 2A
Мълниезащита	RJ45 порт	Общ режим: 6 kV
	Захранване	Общ режим: 6 kV Диференциален режим: 4 kV
Работна среда		Температура: 0°C – 40°C Влажност: 10% – 90% RH, несъкондензиращ
Среда за съхранение		Температура: -40°C – 70°C Влажност: 0% – 90% RH, несъкондензиращ
Скорост на предаване на данни		Ethernet: 10 Mbps (полудуплекс)/20 Mbps (пълен дуплекс) Бърз Ethernet: 100 Mbps (полудуплекс)/200 Mbps (пълен дуплекс) Гигабитен Ethernet: 2000 Mbps (пълен дуплекс)
Носители за предаване		Ethernet: CAT3 UTP/STP или по-висока Бърз Ethernet: CAT5 UTP/STP или по-висока Гигабитен Ethernet: CAT5e или CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF или SMF
Мрежови стандарти		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Spezifikationen — Deutsch

Modell		TEG1110PF-8-102W
Port	10/100/1000 Mbit/s RJ45-Port	9
	1000 Mbit/s SFP-Port	1 unabhängiger SFP-Port
	Betriebsmodus	Standard, VLAN, Extend
Leistung	Modus wechseln	Speichern und weiterleiten
	MAC-Adressentabelle lernen	Automatisches Altern, automatisches Lernen
	MAC-Adressentabelle	16 K
PoE Stromversorgung	PoE-Standard	IEEE 802.3at, IEEE 802.3af
	Anzahl der PoE-Kabeldrähte	8 Kerne: Spannung der Kerne 1, 2, 4, 5 ist „+", die der Kerne 3, 6, 7, 8 ist „-"
	PoE-Port	1–8
	Maximale Leistung eines einzelnen Ports	30 W
	Maximale Leistung von Switch	92 W
Abmessungen (L × B × H)		177.5 mm × 104 mm × 26 mm
Stromversorgung	Eingabe	100 – 240V AC, 50/60Hz, 1.6A
	Ausgabe	57V DC, 2A
Überspannungsschutz	RJ45-Port	Normale Modus: 6 kV Differentialmodus: 4 kV
	Stromversorgung	Normale Modus: 6 kV Differentialmodus: 4 kV
Betriebsumgebung		Temperatur: 0°C – 40°C Luftfeuchtigkeit: 10 % – 90 % RH, nicht kondensierend
Lagerumgebung		Temperatur: -40°C – 70°C Luftfeuchtigkeit: 0% – 90 % RH, nicht kondensierend
Datenübertragungsrate		Ethernet: 10 Mbits (Halbduplex)/20 Mbits (Vollduplex) Fast Ethernet: 100 Mbits (Halbduplex)/200 Mbits (Vollduplex) Gigabit Ethernet: 2000 Mbits (Vollduplex)
Übertragungsmedien		Ethernet: CAT3 UTP/STP-Kabel oder höher Fast Ethernet: CAT5 UTP/STP-Kabel oder höher Gigabit Ethernet: CAT5e oder CAT6 UTP/STP-Kabel 1000Base-SX: MMF 1000Base-LX: MMF oder SMF
Netzwerkstandards		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Specifiche — Italiano

Modello		TEG1110PF-8-102W
Porta	Porta RJ45 10/100/1000 Mbps	9
	Porta SFP 1000 Mbps	1 porta SFP indipendente
	Modalità di lavoro	Standard, VLAN, Extend
Prestazioni	Modalità switching	Store-and-forward
	Apprendimento degli indirizzi MAC	Auto invecchiamento, auto apprendimento
	Tabella degli indirizzi MAC	16 K
Alimentazione PoE	Standard PoE	IEEE 802.3at, IEEE 802.3af
	Nucleo del cavo di alimentazione PoE	8 nuclei: la tensione dei nuclei 1, 2, 4, 5 è +, e quella dei nuclei 3, 6, 7, 8 è -
	Porta PoE	1–8
	Resa massima di una singola porta	30 W
	Resa massima dell'interruttore	92 W
Dimensioni (L x P x A)		177.5 mm × 104 mm × 26 mm
Alimentazione	Ingresso	100 – 240V AC, 50/60Hz, 1.6A
	Uscita	57V DC, 2A
Protezione contro i fulmini	Porta RJ45	Modalità comune: 6 kV
	Alimentazione	Modalità comune: 6 kV Modalità differenziale: 4 kV
Ambiente operativo		Temperatura: 0°C – 40 °C Umidità: 10% – 90% UR, senza condensa
Ambiente di immagazzinaggio		Temperatura: -40°C – 70°C Umidità: 0% – 90% UR, senza condensa
Velocità di trasmissione dati		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)
Mezzi di trasmissione		Ethernet: Cavo UTP/STP CAT3 o superiore Fast Ethernet: Cavo UTP/STP CAT5 o superiore Gigabit Ethernet: Cavo CAT5e o CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF o SMF
Standard di rete		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Especificações — Português

Modelo		TEG1110PF-8-102W
Porta	Porta RJ45 10/100/1000 Mbps	9
	Porta SFP 1000 Mbps	1 porta SFP independente
	Modos de funcionamento	Standard, VLAN, Extend
Desempenho	Modo de comutação	Guardar e reencaminhar
	Aprendizagem de endereços MAC	Envelhecimento automático, aprendizagem automática
	Tabela de endereços MAC	16 K
Fonte de alimentação PoE	Norma PoE	IEEE 802.3at, IEEE 802.3af
	Fios do cabo de alimentação PoE	8 condutores: a tensão dos núcleos 1, 2, 4, 5 é superior a o dos núcleos 3, 6, 7, 8 é -.
	Porta de PoE	1–8
	Saída máxima de uma única porta	30 W
	Saída máxima do comutador	92 W
Dimensões (C x L x A)		177.5 mm x 104 mm x 26 mm
Fonte de energia	Entrada	100–240V AC, 50/60Hz, 1.6A
	Saída	57V DC, 2A
Proteção contra raios	Porta RJ45	Modo comum: 6 kV
	Fonte de energia	Modo comum: 6 kV Modo diferencial: 4 kV
Ambiente operacional		Temperatura: 0°C – 40°C Humidade: 10% – 90% sem HR, sem condensação
Ambiente de armazenamento		Temperatura: -40°C – 70°C Humidade: 0% – 90% sem HR, sem condensação
Taxa de transmissão de dados		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)
Meios de transmissão		Ethernet: Cabo CAT3 UTP/STP ou superior Fast Ethernet: Cabo CAT5 UTP/STP ou superior Gigabit Ethernet: Cabo CAT5E ou CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF ou SMF
Padrões de rede		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Especificaciones — Español

Modelo		TEG1110PF-8-102W
Puerto	Puerto RJ45 de 10/100/1000 Mbps	9
	Puerto SFP de 1000 Mbps	1 puerto SFP independiente
	Modo de funcionamiento	Standard, VLAN, Extend
Rendimiento	Modo de conmutación	Almacenar y retransmitir
	Aprendizaje de direcciones MAC	Vencimiento automático, aprendizaje automático
	Tabla de direcciones MAC	16 K
Fuente de alimentación PoE	Estándar de PoE	IEEE 802.3at, IEEE 802.3af
	Hilos del cable de alimentación PoE	8 cables: el voltaje de los núcleos 1, 2, 4, 5 es +, y el de los núcleos 3, 6, 7, 8 es -.
	Puerto PoE	1–8
	Salida máxima de un solo puerto	30 W
	Salida máxima del conmutador	92 W
Dimensiones (L x An x Al)		177.5 mm x 104 mm x 26 mm
Fuente de alimentación	Entrada	100–240 V CA, 50/60 Hz, 1.6A
	Salida	57 V DC, 2A
Protección contra rayos	Puerto RJ45	Modo común: 6 kV
	Fuente de alimentación	Modo común: 6 kV Modo diferencial: 4 kV
Entorno de funcionamiento		Temperatura: 0°C – 40 °C Humedad: 10 %-90 % HR, sin condensación
Entorno de almacenamiento		Temperatura: -40°C – 70 °C Humedad: 0 %-90 % HR, sin condensación
Velocidad de transmisión de datos		Ethernet: 10 Mbps (dúplex medio)/20 Mbps (dúplex completo) Fast Ethernet: 100 Mbps (dúplex medio)/200 Mbps (dúplex completo) Gigabit Ethernet: 2000 Mbps (dúplex completo)
Medios de transmisión		Ethernet: Cable CAT3 UTP/STP o superior Fast Ethernet: Cable CAT5 UTP/STP o superior Gigabit Ethernet: Cable CAT5e o CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF o SMF
Estándares de red		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Spécifications — Français

Modèle		TEG1110PF-8-102W
Port	Port RJ45 10/100/1000 Mbps	9
	Port SFP 1000 Mbps	1 port SFP indépendant
	Mode de fonctionnement	Standard, VLAN, Extend
Performance	Mode de commutation	Stockage et transmission
	Apprentissage des adresses MAC	Auto-vieillissement, auto apprentissage
	Table des adresses MAC	16 K
Alimentation électrique PoE	Norme PoE	IEEE 802.3at, IEEE 802.3af
	Fils des câbles d'alimentation PoE	8 cœurs: la tension des noyaux 1, 2, 4, 5 est « + » et celle des noyaux 3, 6, 7, 8 est « - ».
	Port PoE	1–8
	Sortie maximale d'un port unique	30 W
	Sortie maximale du commutateur	92 W
Dimensions (L x An x Ah)		177.5 mm x 104 mm x 26 mm
Alimentation électrique	Entrée	100–240V AC, 50/60Hz, 1.6A
	Sortie	57 V DC, 2A
Protection contre la foudre	Port RJ45	Mode commun : 6 kV
	Alimentation électrique	Mode commun : 6 kV Mode différentiel : 4 kV
Environnement opérationnel		Température : 0°C – 40°C Humidité : 10% – 90% HR, non-condensant
Environnement de stockage		Température : -40°C – 70°C Humidité : 0% – 90 % HR, non-condensant
Taux de transmission des données		Ethernet : 10 Mbps (semi-duplex)/20 Mbps (duplex intégral) Fast Ethernet : 100 Mbps (semi-duplex)/200 Mbps (duplex intégral) Gigabit Ethernet : 2000 Mbps (duplex intégral)
Support de transmission		Ethernet : CAT3 UTP/STP ou supérieur Fast Ethernet : CAT5 UTP/STP ou supérieur Gigabit Ethernet : CAT5e ou CAT6 UTP/STP 1000Base-SX : MMF 1000Base-LX : MMF ou SMF
Normes réseau		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Dane techniczne — Polski

Model		TEG1110PF-8-102W
Port	Port RJ45 10/100/1000 Mb/s	9
	Port SFP 1000 Mb/s	1 niezależny port SFP
	Tryb pracy	Standard, VLAN, Extend
Wydajność	Tryb przełączania	Zapisz-i-wyślij
	Nauka adresów MAC	Nauka samodzielna, automatyczne starzenie
	Tabela adresów MAC	16 K
System zasilania PoE	Standard PoE	IEEE 802.3at, IEEE 802.3af
	Rdzeń kabla zasilającego PoE	8 rdzeni: napięcie rdzeni 1, 2, 4, 5 wynosi +, a rdzeni 3, 6, 7, 8 wynosi -.
	Port PoE	1–8
	Maksymalna moc wyjściowa pojedynczego portu	30 W
	Maksymalna moc wyjściowa przełącznika	92 W
Wymiary (d x szer x wys.)		177.5 mm x 104 mm x 26 mm
Zasilanie	Wejściowe	100 – 240V AC, 50/60Hz, 1.6A
	Wyjściowe	57V DC, 2A
Ochrona odgromowa	Port RJ45	Tryb wspólny: 6 kV
	Zasilanie	Tryb wspólny: 6 kV Tryb różnicowy: 4 kV
Środowisko pracy		Temperatura: 0°C – 40°C Wilgotność: 10%-90% wilgotności względnej, bez kondensacji
Środowisko przechowywania		Temperatura: -40°C – 70°C Wilgotność: 0%-90% wilgotności względnej, bez kondensacji
Szybkość transmisji danych		Sieć Ethernet: 10 Mb/s (półdupleks)/ 20 Mb/s (pełny dupleks) Szybka sieć Ethernet: 100 Mb/s (półdupleks)/ 200 Mb/s (pełny dupleks) Gigabitowa sieć Ethernet: 2000 Mb/s (pełny dupleks)
Środki transmisji		Sieć Ethernet: Kabel CAT3 UTP/STP lub lepszy Szybka sieć Ethernet: Kabel CAT5 UTP/STP lub lepszy Gigabitowa sieć Ethernet: Kabel CAT5e lub CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF lub SMF
Standardy sieciowe		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Specificații — Română

Model		TEG1110PF-8-102W
Port	Port RJ45 10/100/1000 Mbps	9
	Port SFP 1000 Mbps	1 port SFP independent
	Mod de funcționare	Standard, VLAN, Extend
Performanță	Switching mode	Store-and-forward
	MAC address table learning	Auto-aging, auto learning
	MAC address table	16 K
Alimentare PoE	PoE standard	IEEE 802.3at, IEEE 802.3af
	Conductor cable de alimentare PoE	8 conductori: tensiunea conductorilor 1, 2, 4, 5 este +, iar a conductorilor 3, 6, 7, 8 este -.
	PoE port	1–8
	Putere maximă per port	30 W
	Putere maximă totală a switch-ului	92 W
Dimensiuni (L x P x Î)		177.5 mm x 104 mm x 26 mm
Sursa de alimentare	Intrare	100 – 240 V c.a., 50/60 Hz, 1.6A
	Ieșire	57 V c.c., 2A
Protecția la descărcări electrice	Port RJ45	Mod obișnuit: 6 kV
	Sursa de alimentare	Mod obișnuit: 6 kV Mod diferențial: 4 kV
Mediu de funcționare		Temperatura: 0°C – 40°C Umiditate: 10% – 90% umiditate relativă, fără condens
Mediu de depozitare		Temperatura: -40°C – 70°C Umiditate: 0% – 90% umiditate relativă, fără condens
Viteză de transmisie a datelor		Ethernet: 10 Mbps (semi-dublex)/20 Mbps (full-dublex) Fast Ethernet: 100 Mbps (semi-dublex)/200 Mbps (full-dublex) Ethernet Gigabit: 2000 Mbps (duplex complet)
Mediu de transmitere		Ethernet: CAT3 sau mai bun UTP/STP Fast Ethernet: CAT5 sau mai bun UTP/STP Gigabit Ethernet: CAT5e sau CAT6 UTP/STP cablu 1000Base-SX: MMF 1000Base-LX: MMF sau SMF
Standard rețea		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Specifikáció — Magyar

Modell		TEG1110PF-8-102W
Port	10/100/1000 Mb/s RJ45 port	9
	1000 Mb/s SFP port	1 izolált SFP port
Működés	Üzemmódok	Standard, VLAN, Extend
	Kapcsolási mód	Tárolás és továbbítás
	MAC címtáblázat tanulás	Önkarodás, automatikus tanulás
	MAC cím táblázat	16 K
PoE tápellátás	PoE szabvány	IEEE 802.3at, IEEE 802.3af
	PoE tápkábel erek száma	8 ér: az 1-es, 2-es, 4-es, 5-ös erek feszültsége + (pozitív), a 3-as, 6-os, 7-es, 8-as erek pedig - (negatív).
	PoE port	1–8
	Egyetlen port maximális kimenete	30 W
	A váltó maximális kimenete	92 W
Méretek (H x Sz x M)		177.5 mm x 104 mm x 26 mm
Tápellátás	Bemenet	100–240 V váltóáram, 50/60 Hz, 1.6A
	Kimenet	57 V DC, 2A
Villámcsapás védelem	RJ45 port	Közös üzemmód: 6 kV
	Tápellátás	Közös üzemmód: 6 kV Differenciál üzemmód: 4 kV
Működési környezet		Hőfok: 0°C – 40°C Páratartalom: 10 – 90% RH, nem kicsapódó
Tárolási környezet		Hőfok: -40°C – 70°C Páratartalom: 0 – 90% RH, nem kicsapódó
Adatátviteli sebesség		Ethernet: 10 Mb/s (félduplex)/20 Mb/s (teljes duplex) Fast Ethernet: 100 Mb/s (félduplex)/200 Mb/s (teljes duplex) Gigabit Ethernet: 2000 Mb/s (teljes duplex)
Átviteli közeg		Ethernet: CAT3 UTP/STP vagy gyorsabb kábel Fast Ethernet: CAT5 UTP/STP vagy gyorsabb kábel Gigabit Ethernet: CAT5e vagy CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF vagy SMF
Hálózati szabványok		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

Özellikler — Türkçe

Model		TEG1110PF-8-102W
Port	10/100/1000 Mbps RJ45 port	9
	1000 Mbps SFP portu	1 bağımsız SFP portu
Çalışma Modu		Standard, VLAN, Extend
Performans	Anahtarlama modu	Sakla ve gönder
	MAC adres öğrenme	Otomatik yaşlanma, otomatik öğrenme
	MAC adres tablosu	16 K
PoE güç kaynağı	PoE standardı	IEEE 802.3at, IEEE 802.3af
	PoE güç kablosu çekirdeği	8 çekirdek: Çekirdek 1, 2, 4, 5 için voltaj + ve çekirdek 3, 6, 7, 8 için voltaj -.
	PoE portu	1–8
	Tek bir portun maksimum çıkış gücü	30 W
	Switch'in maksimum çıkış gücü	92 W
Boyutlar (G x E x Y)		177.5 mm x 104 mm x 26 mm
Güç kaynağı	Giriş	100 – 240V AC, 50/60Hz, 1.6A
	Çıkış	57V DC, 2A
Yıldırım korunması	RJ45 portu	Ortak mod: 6 kV
	Güç kaynağı	Ortak mod: 6 kV Diferansiyel mod: 4 kV
Çalışma ortamı		Sıcaklık: 0°C – 40°C Nem: 10/0 – 90% RH, yoğunaşmaz
Depolama ortamı		Sıcaklık: -40°C – 70°C Nem: 0/0 – 90% RH, yoğunaşmaz
Veri iletim hızı		Ethernet: 10 Mbps (yarım çift yıldız)/ 20 Mbps (tam çift yıldız) Fast Ethernet: 100 Mbps (yarım çift yıldız)/ 200 Mbps (tam çift yıldız) Gigabit Ethernet: 2000 Mbps (tam çift yıldız)
Beton Ortamları		Ethernet: CAT3 UTP/STP veya daha iyisi Fast Ethernet: CAT5 UTP/STP veya daha iyisi Gigabit Ethernet: CAT5e veya CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF veya SMF	
Ağ Standartları		IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af, IEEE 802.3at

العربية — المواصفات

TEG1110PF-8-102W		الطراز
9	10/100/1000 ميجا بت في الثانية منفذ RJ45	المنافذ
1 منفذ SFP مستقل	1000 ميجا بت في الثانية منفذ SFP	
Standard + VLAN، Extend	نمط العمل	
تخزين وإعادة توجيه	نمط التحويل	الأداء
الشيخوخة التلقائية، التعلم التلقائي	تعلم جدول عناوين MAC	
16 K	جدول عناوين MAC	
IEEE 802.3at, IEEE 802.3af	إصدار PoE	إمداد الطاقة PoE
8 نوى: الجهد الكهربائي لنوى الأرقام 1، 2، 4، 5 هو "+" وأرقام النوى 3، 6، 7، 8 هو "-"	سلك إمداد الطاقة PoE	
1–8	منفذ إمداد الطاقة PoE	
30 وات	أقصى قدرة للطاقة من منفذ واحد	قدرة الطاقة
92 وات	أقصى قدرة للطاقة من المحوّل	
177.5 مم × 104 مم × 26 مم	الأبعاد (الطول × العرض × الارتفاع)	
100 – 240V AC، 50/60 Hz، 1.6A	الإدخال	إمداد الطاقة
57V DC، 2A	الخرج	
5.1 كيلو أمبير لمنافذ RJ45	الحماية من الصواعق	الحماية من الصواعق
الضغط المتبادل لـ 2 كيلو فولت		
الضغط المتبادل لـ 2 كيلو فولت	منفذ الطاقة	
درجة الحرارة: 0 – 40°C الرطوبة: 10% – 90% RH، بدون تكثيف		بيئة التشغيل
درجة الحرارة: -40 – 70°C الرطوبة: 0% – 90% RH، بدون تكثيف		بيئة التخزين
Ethernet: 10 ميجا بت في الثانية (نصف دوبلكس)/ 20 ميجا بت في الثانية (كامل دوبلكس) Fast Ethernet: 100 ميجا بت في الثانية (نصف دوبلكس)/ 200 ميجا بت في الثانية (كامل دوبلكس) Gigabit Ethernet: 2000 ميجا بت في الثانية (كامل دوبلكس)		معدل نقل البيانات
Ethernet: CAT3 UTP/STP أو أعلى Fast Ethernet: CAT5 UTP/STP أو أعلى Gigabit Ethernet: CAT5e أو CAT6 UTP/STP 1000Base-SX: MMF 1000Base-LX: MMF أو SMF		وسائط الإرسال
IEEE 802.3، IEEE 802.3u، IEEE 802.3x، IEEE 802.3ab، IEEE 802.3z، IEEE 802.3af، IEEE 802.3at		معايير الشبكة

FAQ

1. The Power LED indicator does not light up. What should I do ?

- Ensure that the power adapter is connected to the switch and the power jack properly.
- Ensure that the power jack is powered on.
- Ensure that the input voltage matches the value required by the switch.

2. PoE ports does not supply power for devices. What should I do?

- Ensure that the powered devices comply with the IEEE 802.3af/at standards.
- Ensure that the power consumption/total power consumption does not exceed the maximum output power of each port/the switch.
- Ensure that the powered devices are connected to the switch properly with CAT5e or better Ethernet cables.

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.

Caution:

Adapter Model: EWA28-4101051

Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.

Input: 100-240V AC, 50/60Hz 1.6A

Output: 57V, 2A

: DC Voltage

Safety and statement

Before performing an operation, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information. The installation and maintenance personnel need to understand the basic safety precautions to be taken.

1. Do not use this apparatus near water.
2. Clean only with dry cloth.
3. Do not block any ventilation openings, such as newspapers, tablecloth, curtains, etc.
4. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
5. Do not damage the ground conductor or operate the device in the absence of well-installed ground conductor. Contact the appropriate electrical inspection.
6. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles and at the point where they exit from the apparatus.
7. Only use attachments/accessories specified by the manufacturer.
8. Unplug this apparatus during lightning storms or when unused for long periods of time.
9. Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally,