



Quick Installation Guide

TEG1116P-16-150W/TEG1124P-24-250W
16 Port Gigabit Desktop/Rackmount Switch With 16 Port PoE
24 Port Gigabit Desktop/Rackmount Switch With 24 Port PoE

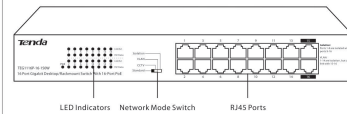


Figure 1-1 Front Panel of TEG1116P-16-150W

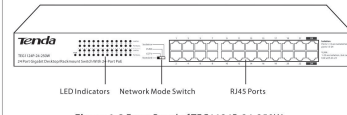


Figure 1-2 Front Panel of TEG1124P-24-250W

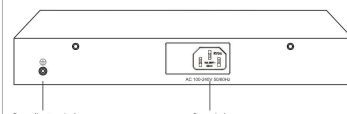


Figure 1-3 Rear Panel (Taking TEG1116P-16-150W as an example)

Packing List

- Pads *4
- Switch *1
- Screws *6
- Power cord *1
- L-shaped bracket *2
- Quick Installation Guide *1

2. Connecting Devices

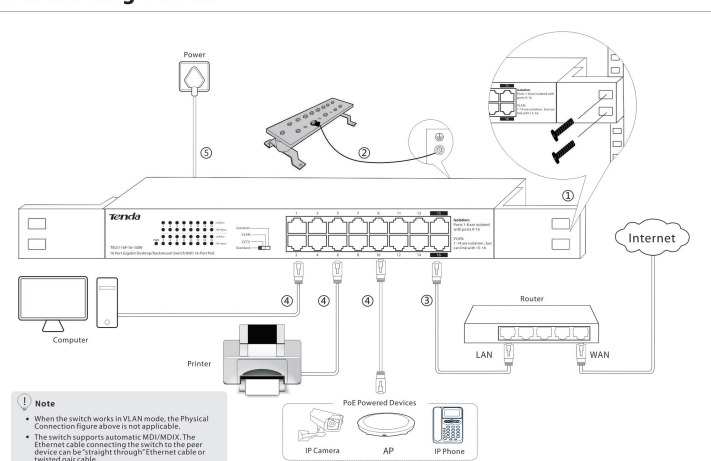


Figure 2-1 Physical Connection (Taking TEG1116P-16-150W as an example)



RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product will 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.



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. This device complies with Part 15 of the FCC Rules. 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.

1. Product Overview

LED Indicator	Status	Description
PWR	Solid on	The switch is connected to a power supply properly.
	Off	The switch is not connected to a power supply properly or not connected to a power supply.
Link/Act	Solid on	The port is connected properly.
	Blinking	The port is transmitting or receiving data.
	Off	The port is not connected properly or not connected to a device.
PoE Status	Solid on	A PD is connected to the PoE port and powered properly.
	Off	No PD is connected to the PoE port.

Set the network mode to the one you need using the network mode switch according to the following description.

Standard Mode (default):
In this mode, the switch functions as a common switch and all the ports of the switch can communicate with each other.

CTV Mode:

- In this mode, the port patch is optimized and PoE ports 1-8 have higher priorities over the other ports.
- All the ports of the switch can communicate with each other.
- If multiple IP cameras are connected to the switch, you are recommended to enable this mode and connect the uplink port of the switch to the upstream device which the monitoring computer connects. This ensures smoother monitoring video playback.
- Ports 15 and 16 of TEG1116P-16-150W and ports 23 and 24 of TEG1124P-24-250W are uplink ports.

VLAN Mode:

- In this mode, ports 1 to 14 of TEG1116P-16-150W are isolated from each other, but can communicate with ports 15 and 16 (uplink ports) respectively.
- Ports 1 to 22 of TEG1124P-24-250W are isolated from each other, but can communicate with ports 23 and 24 (uplink ports) respectively.
- And the switch can isolate DHCP broadcast to reduce broadcast storm.

Isolation Mode:

- In this mode, ports 1 to 8 and Ports 9 to 16 of TEG1116P-16-150W belong to two different VLAN.
- Ports 1 to 12 and Ports 13 to 24 of TEG1124P-24-250W belong to two different VLAN.
- This mode can be used to isolate supervision network and wireless network to make them not interfere with each other.

Technical Specifications

Model	TEG1116P-16-150W	TEG1124P-24-250W
Interface	10/100/1000 Mbps RJ45 16	24
Lightning protection	6kV	
Network mode	Standard Mode, CTV Mode, VLAN mode and Isolation mode	
Store-And-Forward	Supported	
MAC address table	8k	
MAC address learning	Auto-learning/aging	
Switching capacity	32 Gbps	48 Gbps
PoE standard	IEEE 802.3af, IEEE 802.3at	
PoE power cable core	8 cores	
PoE port	1 to 16	1 to 24
Maximum power output of one port	30W	30W
Maximum power output of switch	135W	225W
Dimensions (L x W x H)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Input Voltage	100 ~ 240V AC 50/60Hz	
Operating environment	Operating temperature: 0°C ~ 45°C Operating humidity: (10~90%) RH, non-condensing	
Storage environment	Storage temperature: -40°C ~ 70°C Storage humidity: (5~90%) RH, non-condensing	
Environment	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)	
Data Rate	Ethernet: CAT3 or better UTP/STP cable Fast Ethernet: CAT5 or better UTP/STP cable Gigabit Ethernet: CAT5E or CAT6 UTP/STP cable (recommended)	
Network Medium	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	
Network Standard		

Portugues

Modelo	TEG1116P-16-150W	TEG1124P-24-250W
Interface	10/100/1000 Mbps RJ45 16	24
Proteção contra raios	6kV	
Modo Rede	Standard Mode, CTV Mode, VLAN Mode, Isolation Mode	
Armazenamento e encaminhamento	Supportado	
Tabela de endereços MAC	8k	
Desempenho	Aprendizagem automática/veicimento	
Capacidade de comutação	32 Gbps	48 Gbps
PoE Padrão	IEEE 802.3af, IEEE 802.3at	
Núcleo de cabo de energia PoE	8 núcleos	
Porta PoE	1 to 16	1 to 24
Máxima potência de saída de uma porta	30W	30W
Máxima potência de saída do switch	135W	225W
Dimensões (L x L x A)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Tensão de entrada	100 ~ 240V AC 50/60Hz	
Ambiente operacional	Temperatura de funcionamento: 0°C ~ 45°C Humidade de funcionamento: (10~90%) RH, sem condensação	
Ambiente de armazenamento	Temperatura de armazenamento: -40°C ~ 70°C Humidade de armazenamento: (5~90%) RH, sem condensação	
Taxa 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)	
Transmissão média	Ethernet: CAT3 ou melhor, cabo UTP/STP Fast Ethernet: CAT5 ou melhor, cabo UTP/STP Gigabit Ethernet: CAT5E ou CAT6 UTP/STP (recomendado)	
Norma de rede	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	

Fransais

Modelo	TEG1116P-16-150W	TEG1124P-24-250W
Interface	10/100/1000 Mbps RJ45 16	24
Protection contre la foudre	6kV	
Mode de réseau	Standard Mode, CTV Mode, VLAN Mode, Isolation Mode	
Enregistrement et suivi	Supporté	
Tableau des adresses MAC	8k	
Performance	Apprentissage automatique/préemption	
Capacité de commutation	32 Gbps	48 Gbps
Alimentation PoE	IEEE 802.3af, IEEE 802.3at	
Années des câbles d'alimentation PoE	8 années	
Norme d'alimentation électrique PoE	1 to 16	1 to 24
Puissance maximale de sortie par port	30W	30W
Puissance maximale de sortie du switch	135W	225W
Dimensions (L x W x H)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Tension d'entrée	100 ~ 240V AC 50/60Hz	
Environnement	Température de fonctionnement: 0°C ~ 45°C Humidité de fonctionnement: (10~90%) RH, sans condensation	
Environnement de stockage	Température de stockage: -40°C ~ 70°C Humidité de stockage: (5~90%) RH, sans condensation	
Debit de données	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)	
Moyen de transmission	Ethernet: câble CAT3 ou au mieux UTP/STP Fast Ethernet: câble CAT5 ou au mieux UTP/STP Gigabit Ethernet: câble CAT5E ou CAT6 UTP/STP (recommandé)	
Norme du réseau	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	

Magyar

Model	TEG1116P-16-150W	TEG1124P-24-250W
Interfész	10/100/1000 Mbps RJ45 16	24
Villámcsapó védelem	6kV	
Hálózati mód	Standard Módok, CTV Módok, VLAN Módok, Isolation Módok	
Tárolás és továbbítás	Támogatott	
MAC cím táblázat	8k	
MAC címtárolás	Automatikus tanulás/ageing	
Kapcsolási kapacitás	32 Gbps	48 Gbps
PoE szabvány	IEEE 802.3af, IEEE 802.3at	
PoE tápkábel erek száma	8 ér	
PoE port	1 to 16	1 to 24
Maximális kimeneti teljesítmény egy porton	30W	30W
Switch maximális teljesítmény	135W	225W
Méret (H x Sz x M)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Beépítési feszültség	100 ~ 240V AC 50/60Hz	
Környezeti típusok	Működési környezet: 0°C ~ 45°C Tárolási környezet: (10~90%) RH, nem légszápó	
Adatátviteli sebesség	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)	
Átviteli közeg	Ethernet: CAT3 vagy jobb UTP/STP kábel Fast Ethernet: CAT5 vagy jobb UTP/STP kábel Gigabit Ethernet: CAT5E vagy CAT6 UTP/STP kábel (ajánlott)	
Hálózati szabványok	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	

Español

Modelo	TEG1116P-16-150W	TEG1124P-24-250W
Interfaz	10/100/1000 Mbps RJ45 16	24
Protección contra rayos	6kV	
Modo de red	Standard Mode, CTV Mode, VLAN Mode, Isolation Mode	
Almacenar y retransmitir	Compatible	
Tabla de direcciones MAC	8k	
Rendimiento	Aprendizaje automático/veicimento	
Capacidad de conmutación	32 Gbps	48 Gbps
Estándar PoE	IEEE 802.3af, IEEE 802.3at	
Núcleo del cavo de alimentación PoE	8 núcleos	
Puerto PoE	1 to 16	1 to 24
Potencia de salida máxima de una porta	30W	30W
Potencia de salida máxima del conmutador	135W	225W
Dimensiones (L x An x Al)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Voltaje de entrada	100 ~ 240V AC 50/60Hz	
Entorno de funcionamiento	Temperatura de funcionamiento: 0°C ~ 45°C Humedad de funcionamiento: (10~90%) RH, sin condensación	
Entorno de almacenamiento	Temperatura de almacenamiento: -40°C ~ 70°C Humedad de almacenamiento: (5~90%) RH, sin condensación	
Velocidad de datos	Ethernet: 10 Mbps (dúplex medio)/20 Mbps (dúplex completo) Fast Ethernet: 100 Mbps (half dúplex)/200 Mbps (full dúplex) Gigabit Ethernet: 2000 Mbps (dúplex completo)	
Medio de transmisión	Ethernet: CAT3 o UTP/STP Fast Ethernet: CAT5 o UTP/STP Gigabit Ethernet: Cabo CAT5E o UTP/STP CAT6 (recomendado)	
Estándar de red	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	

Deutsch

Modell	TEG1116P-16-150W	TEG1124P-24-250W
Interface	10/100/1000 Mbps RJ45 16	24
Blitzschutz	6kV	
Netzwerk-Modus	Standard Modus, CTV Modus, VLAN Modus, Isolation Modus	
Speichern und Vorwärts	Unterstützt	
MAC-Adressentabelle	8k	
Leistung	Automatisches Lernen/Automatisches Altern	
Capacité de commutation	32 Gbps	48 Gbps
PoE-Standard	IEEE 802.3af, IEEE 802.3at	
Anzahl der PoE Netzabeladern	8-adrig	
PoE-Port	1 to 16	1 to 24
Maximale Leistung eines ports	30W	30W
Maximale Leistung des Schalters	135W	225W
Abmessungen (L x B x H)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Eingabe	100 ~ 240V AC 50/60Hz	
Betriebsumgebung	Betriebstemperatur: 0°C ~ 45°C Betriebsfeuchtigkeit: (10~90%) RH, nicht kondensierend	
Lagerumgebung	Lager-Temperatur: -40°C ~ 70°C Luftfeuchtigkeit: (5~90%) RH, nicht kondensierend	
Datenrate	Ethernet: 10 Mbps (Halbduplex)/20 Mbps (Voll duplex) Schnelles Ethernet: 100 Mbps (Halbduplex)/200 Mbps (Voll duplex) Gigabit Ethernet: 2000 Mbps (Voll duplex)	
Netzwerkmedium	Ethernet: CAT3 oder besser UTP/STP Kabel Schnelles Ethernet: CAT5 oder besser UTP/STP Kabel Gigabit Ethernet: CAT5E oder CAT6 UTP/STP Kabel (empfohlen)	
Netzwerkstandard	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	

Románá

Model	TEG1116P-16-150W	TEG1124P-24-250W
Interfață	10/100/1000 Mbps RJ45 16	24
Protecție împotriva descărcării electrice	6kV	
Mod de rețea	Standard Mod, CTV Mod, VLAN Mod, Isolation Mod	
Stocare și denutare înainte	Supportat	
Tabelă adresă MAC	8k	
Performanță	Învățare/adaptare automată	
Capacitate de comutare	32 Gbps	48 Gbps
Standard PoE	IEEE 802.3af, IEEE 802.3at	
Conducător cablu de alimentare PoE	8 conductori	
Tensiune PoE	1 to 16	1 to 24
Putea maximă de ieșire a unui port	30W	30W
Putea maximă de ieșire la nivelul switch-ului	135W	225W
Dimensiuni (L x l x H)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Tensiune de intrare	100 ~ 240V AC 50/60Hz	
Mediu de funcționare	Temperatura de funcționare: 0°C ~ 45°C Umiditate de funcționare: (10~90%) RH, fără condensare	
Mediu de depozitare	Temperatura de depozitare: -40°C ~ 70°C Umiditate de depozitare: (5~90%) RH, fără condensare	
Rate de transfer de date	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)	
Transmisie medie	Ethernet: Cablu CAT3 sau mai bine UTP/STP Fast Ethernet: Cablu CAT5 sau mai bine UTP/STP Gigabit Ethernet: Cablu CAT5E sau mai bine UTP/STP (recomandat)	
Standard rețea	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	

Italiano

Modello	TEG1116P-16-150W	TEG1124P-24-250W
Interfaccia	10/100/1000 Mbps RJ45 16	24
Protezione contro fulmini	6kV	
Modalità di rete	Standard Modalità, CTV Modalità, VLAN Modalità, Isolation Modalità	
Store-and-forward	Supportato	
Tabella degli indirizzi MAC	8k	
Prestazioni	Apprendimento/aging automatico	
Capacità di commutazione	32 Gbps	48 Gbps
PoE Standard	IEEE 802.3af, IEEE 802.3at	
Nucleo del cavo di alimentazione PoE	8 nuclei	
Porta PoE	1 to 16	1 to 24
Potenza massima di una porta	30W	30W
Potenza massima dello switch	135W	225W
Dimensioni (L x P x A)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Tensione di ingresso	100 ~ 240V AC 50/60Hz	
Ambiente operativo	Temperatura di funzionamento: 0°C ~ 45°C Umidità di funzionamento: (10~90%) RH, senza condensa	
Ambiente di immagazzinaggio	Temperatura di immagazzinaggio: -40°C ~ 70°C Umidità di immagazzinaggio: (5~90%) RH, senza condensa	
Velocità 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)	
Supporto di trasmissione	Ethernet: Cavo UTP/STP CAT3 a migione Fast Ethernet: Cavo UTP/STP CAT5 a migione Gigabit Ethernet: Cavo UTP/STP CAT5E o CAT6 a migione migliore	
Standard di rete	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x	

Polski

Model	TEG1116P-16-150W	TEG1124P-24-250W
Interfejs	10/100/1000 Mbps RJ45 16	24
Ochrona przed piorunem	6kV	
Tryb sieci	Standardowy Tryb, CTV Tryb, VLAN Tryb, Isolation Tryb	
Zachowywanie i przekazywanie	Obsługiwane	
Tabela adresów MAC	8k	
Wydajność	Automatyczne nauka/zapamiętanie	
Łączność	32 Gbps	48 Gbps
PoE Standard	IEEE 802.3af, IEEE 802.3at	
Różnica kabli zasilających PoE	8 rdzeni	
Port PoE	1 to 16	1 to 24
Maksymalna wydajność jednego portu	30W	30W
Maksymalna wydajność całego switcha	135W	225W
Wymiary (dł. x szer. x wys.)	294 mm * 178.8 mm * 44 mm	440 mm * 178.8 mm * 44 mm
Moc wejściowa	100 ~ 240V AC 50/60Hz	