TP POE2412G

TP-link Gigabit 24VDC Passive PoE Adapter

Product Overview

TP-Link TL-POE2412G Gigabit 24VDC Passive PoE Adapter, 2x Gigabit RJ45 Port, 24V 12W Power Supply, auto-adjusted Power Delivery based on device requirements, convenient wall-mounting Design with included mounting kits,









Specifications

Overview Summary:

Upgrade your network infrastructure with the TP-Link TL-POE2412G Gigabit Passive PoE Adapter, designed specifically for South African businesses and home users requiring reliable power delivery over Ethernet. This compact device delivers simultaneous data transmission and 24V DC power to compatible passive PoE devices through its dual Gigabit RJ45 ports, ensuring a seamless connection without the need for additional electrical outlets.

The TL-POE2412G features a convenient wall-mounting bracket that simplifies installation in tight spaces while maintaining optimal airflow. Its plug-and-play design requires no complex configuration, allowing you to deploy it instantly for security cameras, access points, or other networked equipment. With auto-negotiation capabilities and support for standard Ethernet cables up to 100 meters, this adapter guarantees stable performance for your critical networking needs.

Secure reliable connectivity today by buying the TP-Link TL-POE2412G now from our online store. Shop now to enhance your

network capabilities with professional-grade equipment backed by trusted technology and fast delivery across South Africa.

Performance tier: Entry-Level Gigabit

Uses: Powering security cameras, WiFi access points, IP phones, remote sensors, network switches

Overview:

The TP-Link TL-POE2412G Gigabit Passive PoE Adapter is designed to simplify network deployments by delivering both data and power over a single Ethernet cable. This compact device eliminates the need for separate power outlets near your networking equipment, making it an ideal solution for IP cameras, wireless access points, and other passive PoE devices that require 24V DC power. With its plug-and-play design, users can install the adapter without any complex configuration or technical expertise.

Description:

The TL-POE2412G provides a reliable connection for 24V passive PoE devices through two Gigabit RJ45 ports while delivering up to 12W of power. Its wall-mountable design ensures flexible installation in tight spaces, and the auto-adjusted power output adapts to the specific needs of connected equipment for optimal efficiency.

Installing this adapter is straightforward as it supports auto-negotiation and auto MDI/MDIX functionality, ensuring compatibility with various network speeds from 10Mbps up to 1000Mbps. The unit accepts standard AC power input ranging from 100V to 240V, allowing for global use without voltage conversion issues.

The physical dimensions of the adapter are compact at roughly 3.4 by 1.7 by 1.4 inches, making it easy to mount on a wall or place discreetly in an equipment closet. An LED power indicator confirms operational status instantly upon connection.

Features:

Key Features:

- Gigabit Ethernet ports for high-speed data transmission up to 1000Mbps
- 24VDC passive PoE output with automatic power adjustment based on device requirements
- Solid wall-mounting design for secure and flexible installation in any location
- Plug-and-play operation requiring no software configuration or user setup
- Supports standard network cabling including Cat 3, Cat 5, Cat 5e, and Cat 6 up to 100 meters

This model, identified by part number TP POE2412G from the brand TP-link, is built to operate reliably within an ambient temperature range of 0degrees C to 40degrees C. It maintains performance even in varying humidity levels between 10% and 90%, provided there is no condensation.

The device meets international safety and environmental standards with FCC and RoHS certifications, ensuring it is safe for use in various commercial and residential environments.

What's in the box

- 24V, 12W Passive PoE Adapter TL-POE2412G unit
- Standard power cord for AC input connection
- Complete wall mounting kit with necessary hardware for installation

Specifications:

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Specifications	
Product Code	TP POE2412G
HARDWARE FEATURES	
Interface	2 x 10/100/1000Mbps RJ45 Port
	AUTO Negotiation/AUTO MDI/MDIX
	1 100~240V / 50~60Hz AC Power Input Port
Network Media	10BASE-T: UTP category 3, 4, 5 cable (Max 100m)
	EIA/TIA-568 100ohm STP (Max 100m)
	100BASE-TX: UTP category 5, 5e cable (Max 100m)
	EIA/TIA-568 100ohm STP (Max 100m)
	1000BASE-T: UTP category 5, 5e, 6 cable (Max 100m)
Power Supply	12W (Max. 24VDC)
LED Indicator	Power (PWR)
Dimensions (W x D x H)	3.4 x 1.7 x 1.4 in.
	(85.8mm x 43.9mm x 35mm)
OTHERS	
Certification	FCC, RoHS
Package Contents	24V, 12W Passive PoE Adapter TL-POE2412G
	Power Cord
	Wall Mounting Kits
Environment	Operating Temperature: 0degreesC~40degreesC (32degreesF~104degreesF)
	Storage Temperature: -40degreesC~70degreesC (-40degreesF~158degreesF)
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing

FAQ

What devices are compatible with this TP-Link passive PoE adapter?
This Gigabit 24VDC Passive PoE Adapter is designed to power and transmit data specifically to TP-Link products that support the 24V passive PoE standard. It does not support active PoE or other voltage standards.

How much power can this adapter supply to connected devices?
The TL-POE2412G provides a maximum of 12W at 24VDC, with auto-adjusted power output that depends on the specific requirements of your powered device.

Is professional installation or configuration required for this adapter?
No, the adapter features a Plug-and-Play design that requires no configuration. It also includes convenient wall-mounting brackets to allow for easy physical installation without complex setup procedures.

What types of network cables are supported by this Gigabit adapter?
The device supports 10BASE-T, 100BASE-TX, and 1000BASE-T standards using Category 3 through Category 6 UTP or STP cables for distances up to 100 meters.

What is included in the package when I purchase this TP-Link adapter?
The package contains the TL-POE2412G Passive PoE Adapter, a power cord, and wall mounting kits necessary for installation.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/TP-POE2412G-TP-link-Gigabit-24VDC-Passive-PoE-Adapter-p-342246.php

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