



User’s Guide

PoE12-HP

802.3at PoE Injector

Version 1.00
Edition 1, 4/2011



Box Contents

- One PoE12-HP
- One User’s Guide
- Wall-mounting Accessory
- One Power Cord
- One Warranty Card

Overview

The PoE12-HP is a one-port power injector, designed for use with 10/100/1000 BaseT Ethernet networks. The PoE12-HP injects DC power through the unused twisted-wires of a standard 8-pin CAT 5 cable. This increases flexibility in the positioning of a power over Ethernet (PoE) enabled device by eliminating the need for a nearby power source.

Key Features

- Complies IEEE802.3at and IEEE 802.3af.
- One RJ-45, 10/100/1000 Mbps PoE-enabled port.
- Ensures a constant power supply to a PoE-enabled device.
- Automatically detects if the connected device is PoE-enabled to avoid sending power to a non-PoE device.

Connecting the PoE12-HP

Connect the PoE12-HP as follows.



1. The **DATA** port does not deliver power. Use an Ethernet cable to connect the PoE12-HP’s **DATA** port to the LAN of an Ethernet device (such as an Ethernet switch).
2. The **PoE/DATA** port sends power and Ethernet data to your PoE-enabled device. Use a straight-through Ethernet cable to connect the **PoE/DATA** port to your PoE-enabled device.
The maximum Ethernet cable length is 100m.

3. Use the included power cord to connect the PoE12-HP’s power socket to a power source (wall outlet or power strip).
 - The **PWR** LED turns on green when the PoE12-HP is receiving power.

LEDs

The following table describes the LEDs on the PoE12-HP.

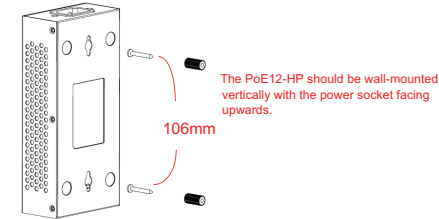


LED	Color	Status	Description
PoE	Green	Blinking	The PoE12-HP is detecting PoE-enabled device.
		On	PoE power is supplied.
PWR	Green	On	The system is turned on.
		Off	The system is off or has failed.

Wall Mounting

Do the following to attach your PoE12-HP to a wall.

1. Screw the two screws provided with your PoE12-HP into the wall 106 mm apart. Use screws with 6 mm ~ 8 mm (0.24" ~ 0.31") wide heads. Do not screw the screws all the way in to the wall; leave a small gap between the head of the screw and the wall.
2. The gap must be big enough for the screw heads to slide into the screw slots and the connection cables to run down the back of the PoE12-HP.
Make sure the screws are securely fixed to the wall and strong enough to hold the weight of the PoE12-HP with the connection cables.
3. Align the holes on the back of the PoE12-HP with the screws on the wall. Hang the PoE12-HP on the screws.



Troubleshooting

The **PWR** LED is off and/or power is not being supplied to my PoE-enabled device.

- Check to see that the power cord is securely connected to the PoE12-HP and an appropriate power source. Make sure the power source is on and functioning properly.
- Refer to the **Connecting the PoE12-HP** section. Check that the Ethernet cables are connected properly and that you are using the correct type of Ethernet cable. Contact your local distributor if the problem persists.



Benutzerhandbuch

PoE12-HP

802.3at PoE Injector

Version 1.00
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Packungsinhalt

- Ein PoE12-HP
- Ein Benutzerhandbuch
- Wandmontage-Zubehör
- Ein Netzkabel
- Eine Garantiekarte

Übersicht

Der PoE12-HP ist ein Power Injector mit einem Anschluss für die Verwendung mit 10/100/1000 BaseT Ethernet-Netzwerken. Der PoE12-HP-Anschluss leitet DC-Strom durch die nicht verwendeten gedrehten Leitungen eines 8-poligen CAT 5-Standardkabels. Das bietet mehr Flexibilität beim Aufstellen eines PoE-fähigen Geräts, da dafür nun keine zusätzliche Stromquelle benötigt wird.

Die wichtigsten Leistungsmerkmale

- Entspricht IEEE802.3at und IEEE 802.3af.
- Ein PoE-fähiger RJ-45-Anschluss, 10/100/1000 Mbps.
- Stellt eine gleichmäßige Stromversorgung für ein PoE-fähiges Gerät sicher.
- Erkennt automatisch, ob das angeschlossene Gerät PoE-fähig ist, um die Stromversorgung eines nicht PoE-fähigen Geräts zu vermeiden.

Anschließen des PoE12-HP

Schließen Sie den PoE12-HP entsprechend der folgenden Beschreibung an.



1. Der **DATA**-Anschluss liefert keinen Strom. Schließen Sie ein Ethernet-Kabel an den **DATA**-Anschluss des PoE12-HP und an den LAN-Anschluss eines Ethernet-Geräts (z. B. eines Ethernet-Switches) an.
2. Der Anschluss **PoE/DATA** leitet den Strom über das Ethernetkabel zum PoE-fähigen Gerät. Verbinden Sie das PoE-fähige Gerät mit einem direkten Ethernetkabel an den Anschluss **PoE/DATA** an.
Die maximale Länge des Ethernetkabels beträgt 100m.

3. Schließen Sie das mitgelieferte Stromkabel an den Netzanschluss und an das Stromnetz an (Wandsteckdose oder Steckdosenleiste).
 - Die **PWR**-LED wird grün, sobald der Anschluss PoE12-HP mit Strom versorgt.

LED-Anzeigen

In der folgenden Tabelle wird die Bedeutung der unterschiedlichen LED-Anzeigen des PoE12-HP beschrieben.

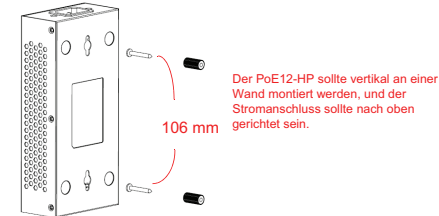


LED	Farbe	Status	Beschreibung
PoE	Grün	Blinkt	Der PoE12-HP ermittelt ein PoE-fähiges Gerät.
		Ein	PoE-Stromversorgung vorhanden.
PWR	Grün	Ein	Das System ist eingeschaltet.
		Aus	Das System ist ausgeschaltet oder ein Fehler ist aufgetreten.

Wandmontage

Führen Sie die nachfolgenden Schritte aus, um den PoE12-HP an einer Wand zu montieren.

1. Schrauben Sie die zwei mit dem PoE12-HP mitgelieferten Schrauben in einem Abstand von 106 mm in die Wand. Verwenden Sie Schrauben mit 6 - 8 mm breiten Köpfen (0,24 - 0,31"). Drehen Sie die Schrauben nicht vollständig in die Wand. Zwischen dem Kopf der Schrauben und der Wand sollte ein kleiner Abstand bleiben.
2. Der Abstand muss so groß sein, dass Sie das den PoE12-HP, dessen Schraublöcher sich an der Rückseite befinden, in den Schraublöcher einhängen können.
Stellen Sie sicher, dass die Schrauben sicher an der Wand angebracht und stark genug sind, um das Gewicht des PoE12-HP und der Anschlusskabel zu tragen.
3. Richten Sie die Löcher an der Rückseite des PoE12-HP an den Schrauben in der Wand aus. Hängen Sie den PoE12-HP an die Schrauben.



Problembeseitigung

Die **PWR**-LED leuchtet nicht und/oder das PoE-fähige Gerät wird nicht mit Strom versorgt.

- Make sure the power source is on and functioning properly. Prüfen Sie, ob das Netzkabel fest am PoE12-HP-Anschluss und an einer geeigneten Stromquelle angeschlossen ist. Stellen Sie sicher, dass die Stromquelle eingeschaltet ist und richtig funktioniert.
- Lesen Sie nach im Abschnitt **Anschließen des PoE12-HP**. Prüfen Sie, ob der richtige Ethernetkabeltyp verwendet wurde und ob sie richtig angeschlossen sind. Wenn das Problem weiterhin bestehen bleibt, wenden Sie sich an einen Vertragshändler in Ihrer Nähe.



Manuel de l'utilisateur

PoE12-HP

802.3at PoE Injector

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Contenu de l'emballage

- Un PoE12-HP
- Un guide de l'utilisateur
- Un support de fixation murale
- Un cordon d'alimentation
- Une carte de garantie

Présentation

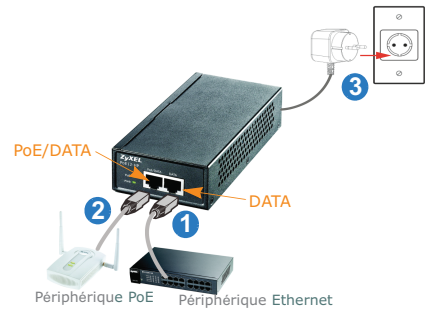
Le PoE12-HP est un injecteur d'alimentation simple port, conçu pour une utilisation avec les réseaux Ethernet 10/100/1000 BaseT. Le PoE injecte le courant CC à travers les fils torsadés non utilisés d'un câble CAT 5 à 8 broches standard. Ceci augmente la flexibilité et le positionnement d'un périphérique adapté Power over Ethernet (PoE) en éliminant le besoin d'une source d'alimentation proche.

Caractéristiques principales

- Compatible IEEE802.3at et IEEE 802.3af.
- Un port RJ45, 10/100/1000 Mbps PoE.
- Assure une alimentation continue du périphérique PoE.
- Détecte automatiquement si le périphérique connecté est PoE pour éviter d'alimenter un périphérique non-PoE.

Connexion du PoE12-HP

Connectez le PoE12-HP comme suit.



1. Le port **DATA** ne délivre pas d'alimentation. Utilisez un câble Ethernet pour connecter le port **DATA** du PoE12-HP au LAN d'un périphérique Ethernet (par exemple un switch Ethernet).
2. Le port **PoE/DATA** fournit l'alimentation et Ethernet à votre périphérique adapté PoE. Utilisez un câble Ethernet droit pour connecter le port **PoE/DATA** à votre périphérique adapté PoE.
La longueur maximum du câble Ethernet est de 100m.

3. Utilisez le cordon d'alimentation fourni pour connecter la prise d'alimentation à une source d'alimentation (prise murale ou une prise multiple).
 - La LED PWR devient verte quand le PoE12-HP est alimenté.

Voyants lumineux

Le tableau suivant décrit les voyants lumineux du PoE12-HP.

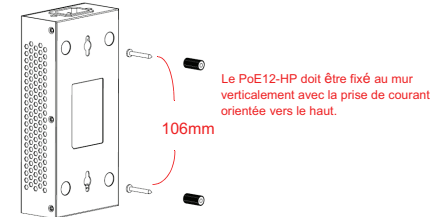


DEL	Couleur	État	Description
PoE	Vert	Clignotant	Le PoE12-HP est en train de détecter le périphérique PoE.
		Activé	L'alimentation du PoE est fournie.
PWR	Vert	Activé	Le système est allumé.
		Désactivé	Le système est éteint ou défaillant.

Fixation murale

Suivez les étapes pour fixer votre PoE12-HP à un mur.

1. Vissez les deux vis fournies avec votre PoE12-HP dans le mur à 106 mm l'une de l'autre. Utilisez des vis de 6mm à 8mm (0,24" à 0,31") à tête large. Ne vissez pas complètement les vis dans le mur; laissez un petit espace entre la tête de la vis et le mur.
2. L'espace doit être assez grand pour permettre aux têtes de vis de s'insérer dans les logements prévus et pour faire descendre les câbles de connexion derrière le PoE12-HP.
Vérifiez que les vis sont correctement fixées au mur et assez solides pour supporter le poids du PoE12-HP avec les câbles de connexion.
3. Alignez les trous à l'arrière du PoE12-HP avec les vis sur le mur. Accrochez le PoE12-HP sur les vis.



Dépannage

La LED **PWR** est éteinte et/ou l'alimentation n'est pas fournie à mon périphérique adapté PoE.

- Vérifiez si le cordon d'alimentation est correctement connecté au PoE12-HP et à une source d'alimentation appropriée. Vérifiez si la source d'alimentation est allumée et fonctionne correctement.
- Reportez-vous à la section **Connexion du PoE12-HP**. Vérifiez que les câbles Ethernet sont connectés correctement et que vous utilisez le type de câble Ethernet correct. Contactez votre distributeur local si le problème persiste.



Guía del usuario

PoE12-HP

Injector 802.3at PoE

Versión 1.00
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Contenido de la caja

- Un PoE12-HP
- Una Guía del usuario
- Accesorio para montaje en la pared
- Un cable de corriente
- Una Tarjeta de garantía

Vista general

El PoE12-HP es un inyector de potencia de un puerto, diseñado para usarlo en redes Ethernet 10/100/1000 BaseT. El PoE inyecta corriente DC a través de los cables trenzados no usados de un cable estándar CAT 5 de 8 contactos. Esto aumenta la flexibilidad en el posicionamiento de un dispositivo con corriente sobre Ethernet (PoE) eliminando la necesidad de una fuente de alimentación cercana.

Características principales

- Cumple con IEEE802.3at y IEEE 802.3af.
- Un puerto RJ-45, 10/100/1000 Mbps con PoE activado.
- Asegura una fuente de corriente constante para dispositivos con PoE.
- Detecta automáticamente si el dispositivo conectado tiene PoE para evitar enviar corriente a dispositivos sin PoE.

Conectar el PoE12-HP

Conecte el PoE12-HP como sigue.



1. El puerto **DATA** no envía corriente. Utilice un cable Ethernet para conectar el puerto **DATA** del PoE12-HP a la LAN de un dispositivo Ethernet (como un switch Ethernet).
2. El puerto **PoE/DATA** envía corriente y Ethernet a su dispositivo con PoE. Utilice un cable directo Ethernet para conectar el puerto **PoE/DATA** a su dispositivo con PoE.
La longitud máxima del cable Ethernet es 100m.

3. Utilice el cable de corriente incluido para conectar el zócalo de corriente a la fuente de alimentación (toma de corriente o regleta).
 - El LED **PWR** se enciende en verde cuando el PoE12-HP está recibiendo energía.

LEDs

La tabla siguiente describe los LEDs del PoE12-HP.

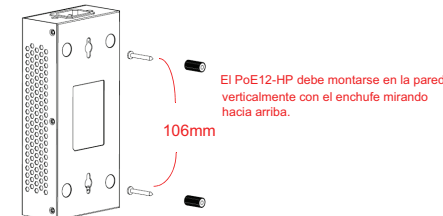


LED	Color	Estado	Descripción
PoE	Verde	Parpadeando	El PoE12-HP está detectando el dispositivo con PoE activado.
		Encendido	Hay suministro de energía PoE.
PWR	Verde	Encendido	El sistema está encendido.
		Apagado	El sistema está apagado o ha fallado.

Montaje en pared

Siga estos pasos para montar su PoE12-HP en una pared.

1. Atornille los dos tornillos incluidos con su PoE12-HP en la pared con 106mm de separación. Use los tornillos con cabezas de 6mm a 8mm (0,24" a 0,31") de ancho. No atornille los tornillos hasta el fondo en la pared; deje un pequeño hueco entre la cabeza del tornillo y la pared.
2. El hueco debe ser lo suficientemente grande para que las cabezas de los tornillos puedan entrar en las ranuras de y los cables de conexión quepan a través de la parte posterior del PoE12-HP.
Compruebe que los tornillos estén bien fijos en la pared y sean lo suficientemente fuertes como para soportar el peso del PoE12-HP con los cables de conexión.
3. Alinee los agujeros en la parte posterior del PoE12-HP con los tornillos en la pared. Cuelgue el PoE12-HP en los tornillos.



Solución de problemas

El LED **PWR** está apagado y/o la corriente no llega a mi dispositivo con PoE.

- Compruebe si el cable de alimentación está bien conectado al PoE12-HP y a una fuente de alimentación apropiada. Compruebe si la fuente de alimentación está encendida y si funciona correctamente.
- Consulte la sección **Conectar el PoE12-HP**. Compruebe si los cables Ethernet están bien conectados y si está utilizando el tipo correcto de cable Ethernet. Contacte con su distribuidor local si el problema persiste.



Guida dell'utente

PoE12-HP

Iniettore PoE 802.3at

Versione 1.00
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Contenuto della confezione

- Una unità PoE12-HP
- Una Guida dell'utente
- Accessori per il montaggio a parete
- Un cavo di alimentazione
- Una scheda di garanzia

Cenni generali

Il PoE12-HP è un iniettore di alimentazione a una porta, progettato per essere utilizzato in reti Ethernet 10/100/1000 BaseT. El PoE inyecta corriente DC a través de los cables trenzados no usados de un cable estándar CAT 5 de 8 contactos. Esto aumenta la flexibilidad en el posicionamiento de un dispositivo con corriente sobre Ethernet (PoE) eliminando la necesidad de una fuente de alimentación cercana.

Caratteristiche principali

- Conforme agli standard IEEE802.3at e IEEE 802.3af.
- Una porta RJ-45, porta PoE 10/100/1000 Mbps.
- Consente di alimentare in modo costante un dispositivo PoE.
- Rileva automaticamente se il dispositivo collegato è abilitato a PoE al fine di evitare di inviare corrente ad un dispositivo non-PoE.

Collegamento del PoE12-HP

Effettuare i collegamenti del PoE12-HP nel modo seguente.



1. La porta **DATA** non trasmette elettricità. Utilizzare un cavo Ethernet per collegare la porta **DATA** del PoE12-HP alla porta LAN di un dispositivo Ethernet (come ad esempio uno switch Ethernet).
2. La porta **PoE/DATA** invia elettricità e dati Ethernet al dispositivo abilitato PoE. Utilizzare un cavo Ethernet passante diritto per collegare la porta **PoE/DATA** al dispositivo abilitato PoE.
La lunghezza massima del cavo Ethernet è 100m.

3. Utilizzare il cavo di alimentazione in dotazione per collegare la presa di alimentazione ad una sorgente di alimentazione (presa a muro o ciabatta elettrica).
- Il LED **PWR** diventa di colore verde quando il PoE12-HP è alimentato.

LED

Nella tabella seguente sono descritti i LED presenti sul PoE12-HP.

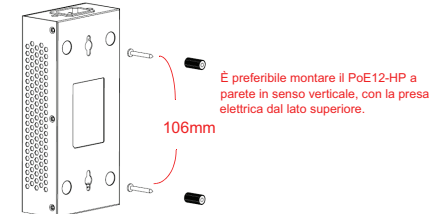


LED	Colore	Stato	Descrizione
PoE	Verde	Lampeggiante	Il PoE12-HP sta rilevando il dispositivo PoE.
		Acceso	È fornita alimentazione PoE.
PWR	Verde	Acceso	Il sistema è acceso.
		Spento	Il sistema è spento o ha un guasto.

Montaggio a parete

Attenersi alla procedura seguente per fissare il PoE12-HP alla parete.

1. Fissare le due viti fornite a corredo con il PoE12-HP nella parete, a una distanza di 106mm. Usare viti con testa da 6 a 8mm (0,24" - 0,31"). Non avvitare completamente le viti nella parete, ma lasciare un piccolo spazio tra la testa della vite e il muro.
2. Lo spazio deve essere abbastanza grande da consentire alle teste delle viti di scorrere nelle apposite fessure e ai cavi di connessione di scorrere lungo la parte posteriore del PoE12-HP.
Assicurarsi che le viti siano saldamente fissate alla parete e che siano abbastanza robuste per sostenere il peso del PoE12-HP con i cavi di collegamento.
3. Allineare i fori presso la parte posteriore di PoE12-HP con le viti sulla parete. Appendere il PoE12-HP sulle viti.



Risoluzione dei problemi

Il LED **PWR** è spento e/o non viene fornita alimentazione al dispositivo abilitato PoE.

- Controllare per verificare che il cavo di alimentazione sia collegato correttamente al PoE12-HP e ad una adeguata sorgente di alimentazione. Assicurarsi che la sorgente di alimentazione sia attiva e funzioni correttamente.
- Fare riferimento alla sezione Collegamento del PoE12-HP. Controllare che i cavi Ethernet siano collegati correttamente e che venga usato il tipo corretto di cavo Ethernet. Se il problema persiste, contattare il proprio distributore locale.



Руководство пользователя

PoE12-HP

Инжектор 802.3at PoE

Версия 1.00
Редакция 1, 4/2011



Содержимое коробки:

- Один PoE12-HP
- Одно руководство пользователя
- Набор настенного монтажа
- Один шнур питания
- Один гарантийный талон

Обзор

PoE12-HP однопортовый электрический инжектор, предназначенный для использования с сетями Ethernet стандарта 10/ 100/1000 BaseT. Для подачи питания постоянного тока используются свободные от передачи данных пары стандартного восьмизачемного кабеля 5-ой категории. Применение адаптера PoE12-HP позволяет разместить устройство, запитываемое по технологии PoE, в местах где нет возможности подключиться к источнику электропитания.

Основные характеристики

- Соответствует IEEE802.3at и IEEE 802.3af.
- Один порт 10/100/1000 Mbps с разъемом RJ-45 для подключения устройства по технологии PoE.
- Обеспечивает постоянное питание устройства по технологии PoE.
- Автоматическое определение возможности питания по технологии PoE подключенного устройства с целью исключения подачи питания на устройство, не поддерживающее такую технологию.

Подключение PoE12-HP

Подключите PoE12-HP как указано ниже.



1. Через порт **DATA** не подается питание. Используйте Ethernet кабель для подключения PoE12-HP порта **DATA** к сети LAN (ЛВС) Ethernet устройства (такого, как Ethernet коммутатор).
2. Порт **PoE/DATA** одновременно передает данные и запитывает устройство, поддерживающее технологию PoE. Используйте "прямой" кабель Ethernet, чтобы подключить устройство, поддерживающее технологию PoE, к порту **PoE/DATA**.

Максимальная длина кабеля Ethernet не должна превышать 100 м.

3. Используйте прилагаемый в комплекте кабель питания для подключения разъема питания к источнику электроэнергии (настенная розетка или удлинитель питания).
- **PWR** светодиод загорается зеленым цветом при PoE12-HP получает питание.

Светодиодные индикаторы

В следующей таблице описаны состояния светодиодов на PoE12-HP.

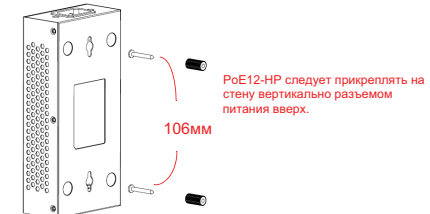


Свето диод	Цвет	Состояние	Описание
PoE	Зеленый	Мигает	PoE12-HP обнаруживает устройство PoE.
		Включен	PoE питание подключено.
PWR (ПИТА НИЕ)	Зеленый	Включен	Система включена.
		Выключен	Система выключена или дала сбой.

Крепление к стене

Ниже приведены инструкции по креплению PoE12-HP к стене.

1. Вкрутите в стену два винта, прилагаемые к вашему PoE12-HP, на расстоянии 106 мм. Используйте винты с диаметром головки 6 мм ~ 8 мм (0,24" ~ 0,31"). Не вкручивайте винты полностью в стену; оставьте небольшой зазор между головкой винта и стеной.
2. Этот зазор должен быть достаточно большим, для того чтобы головки винтов вошли в пазы и соединительные кабели свободно проходили за задней панелью PoE12-HP.
Проверьте надежность крепления винтов в стене и их способность выдерживать вес PoE12-HP вместе с соединительными проводами.
3. Совместите отверстия на задней панели PoE12-HP с винтами на стене. Подвесьте PoE12-HP на винтах.



Поиск и устранение неисправностей

Светодиодный индикатор **PWR** не горит и/или не происходит подача питания на устройство, поддерживающее технологию PoE.

- Проверьте надежность подсоединения кабеля питания к адаптеру PoE12-HP и к соответствующему источнику электроэнергии. Проверьте наличие напряжение в электросети.
- См. раздел **Подключение PoE12-HP**. Проверьте правильность подключения кабелей Ethernet и соответствие типа кабеля Ethernet. Если проблема не устранена, следует связаться с авторизованным сервисным центром ZyXEL или продавцом для ремонта или замены неисправного устройства.



使用手冊

PoE12-HP

802.3at PoE 饋電器

1.00 版

2011 年 4 月初版



盒中內容

- 一台 PoE12-HP
- 一本使用手冊
- 壁掛配件
- 一條電源線
- 一張保固卡

概覽

PoE12-HP 是一種單埠饋電器 (power injector)，專為搭配 10/100/1000 BaseT 乙太網路設計使用而設計。PoE12-HP 透過未使用過的標準 8 接腳 CAT 5 型雙絞線注入直流電。這可提高乙太網路供電 (PoE) 裝置的定位彈性，不需遷就附近的電源。

主要功能

- 符合 IEEE802.3at 以及 IEEE 802.3af。
- 一個支援 10/100/1000 Mbps 傳輸速度與 PoE (乙太網路供電) 功能的 RJ-45 埠。
- 確保 PoE 裝置電源供應不間斷。
- 自動偵測連接的裝置是否支援 PoE，避免送電給非 PoE 裝置。

連接 PoE12-HP

PoE12-HP 連接方式如下。



1. **DATA** 埠不會傳輸電力。使用乙太網路線將 PoE12-HP 的 **DATA** 埠連結至乙太網路裝置的 LAN (例如乙太網路交換器)。
2. **PoE/DATA** 埠將電力及乙太網路傳送到 PoE 裝置。使用一對一乙太網路線將 PoE/DATA 埠連接到 PoE 裝置。
乙太網路線長度最長為 100m。
3. 使用隨附的電源線將電源插槽連接到電源 (牆面插座或插座組)。
 - 當 PoE12-HP 接收到電源時，PWR LED 指示燈會亮起綠色。

LED 指示燈

以下表格說明 PoE12-HP 上的 LED 指示燈。

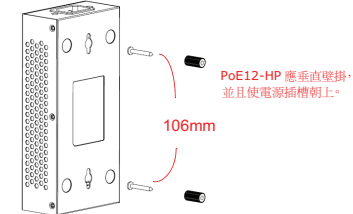


LED 指示燈	顏色	狀態	說明
PoE	綠色	閃爍	PoE12-HP 正在偵測 PoE 裝置。
		開啓	供應 PoE 電源。
PWR	綠色	開啓	系統已開啓。
		關閉	系統已關閉或故障。

壁掛

依照以下步驟將 PoE12-HP 固定在牆面上。

1. 將兩顆 PoE12-HP 隨附的螺絲旋入牆內，以 106 mm 距離隔開。請使用螺絲頭直徑在 6 mm ~ 8 mm (0.24" ~ 0.31") 之間的螺絲。不要把螺絲全部旋入牆中，螺絲頭與牆面之間須留一小段空隙。
2. 此空隙必須足以讓螺絲頭放進螺絲槽，並讓連接纜線可從 PoE12-HP 背面拉出。
確認螺絲已確實固定在牆上，可支撐 PoE12-HP 和連接纜線的全部重量。
3. 使 PoE12-HP 背面的孔洞對齊牆面上的螺絲。將 PoE12-HP 掛在螺絲上。



疑難排解

PWR LED 指示燈熄滅及/或電力未傳送到 PoE 裝置。

- 檢視電源線是否確實連接到 PoE12-HP 以及電力來源是否適當。確認電源已開啓且運作正常。
- 請參閱**連接 PoE12-HP**一節。檢查乙太網路線是否連接正確以及是否使用正確的乙太網路線類型。如果仍有問題，請洽當地經銷商。

Product Specifications

Compatibility	• IEEE802.3 10BASE-T • IEEE802.3u 100BASE-TX • IEEE802.3ab 1000BASE-T • IEEE802.3af • IEEE802.3at
Ports	• One DATA port for connecting to the passive hub or switch • One PoE/DATA port for connecting to the PoE-enabled device
LEDs	1 PoE (green), 1 PWR (green)
Power	Input: 1100~240V, 50~60Hz
Power Rating	100~240VAC 50/60Hz 1.5A max.
Power Consumption	42.1W
Weight & Dimensions	396g, 155 (W) * 74 (D) * 36 (H) mm
Operating Environment	Temperature: 0 ~ 50°C Humidity: 10 to 95% (non-condensing)
Storage Environment	Temperature: -40 ~ 70°C
EMI and Safety	EN 60950-1, CSA international, FCC Part15 (Class B), CE EMC (Class B), RoHS Level A

Safety Warnings

- Do NOT use this product near water, for example, in a wet basement or near a swimming pool.
- Do NOT expose your device to dampness, dust or corrosive liquids.
- Do NOT store things on the device.
- Do NOT install, use, or service this device during a thunderstorm. There is a remote risk of electric shock from lightning.
- Connect ONLY suitable accessories to the device.
- Do NOT open the device or unit. Opening or removing covers can expose you to dangerous high voltage points or other risks. ONLY qualified service personnel should service or disassemble this device. Please contact your vendor for further information.
- Place connecting cables carefully so that no one will step on them or stumble over them.
- Always disconnect all cables from this device before servicing or disassembling.
- Use ONLY an appropriate power adaptor or cord for your device. Connect it to the right supply voltage (for example, 110V AC in North America or 230V AC in Europe).
- Do NOT allow anything to rest on the power adaptor or cord and do NOT place the product where anyone can walk on the power adaptor or cord.
- Do NOT use the device if the power adaptor or cord is damaged as it might cause electrocution.
- If the power adaptor or cord is damaged, remove it from the device and the power source.
- Do NOT attempt to repair the power adaptor or cord. Contact your local vendor to order a new one.
- Do not use the device outside, and make sure all the connections are indoors. There is a remote risk of electric shock from lightning.
- Do NOT obstruct the device ventilation slots, as insufficient airflow may harm your device.
- Make sure that the cable system is grounded so as to provide some protection against voltage surges.
- Make sure to connect the cables to the correct ports.
- Your product is marked with this symbol, which is known as the WEEE mark. WEEE stands for Waste Electronics and Electrical Equipment. It means that used electrical and electronic products should not be mixed with general waste. Used electrical and electronic equipment should be treated separately.

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Certifications

Federal Communications Commission (FCC) Interference Statement

The device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operations.

This device has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this device does cause harmful interference to radio/television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
 2. Increase the separation between the equipment and the receiver.
 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 4. Consult the dealer or an experienced radio/TV technician for help.
- FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

CE Mark Warning:

This is a class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Notices

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Viewing Certifications

Go to <http://www.zyxel.com>.

Select your product on the ZyXEL home page to go to that product's page.

Select the certification you wish to view from this page.

ZyXEL Limited Warranty

ZyXEL warrants to the original end user (purchaser) that this product is free from any defects in materials or workmanship for a period of up to two years from the date of purchase. During the warranty period, and upon proof of purchase, should the product have indications of failure due to faulty workmanship and/or materials, ZyXEL will, at its discretion, repair or replace the defective products or components without charge for either parts or labor, and to whatever extent it shall deem necessary to restore the product or components to proper operating condition. Any replacement will consist of a new or re-manufactured functionally equivalent product of equal or higher value, and will be solely at the discretion of ZyXEL. This warranty shall not apply if the product has been modified, misused, tampered with, damaged by an act of God, or subjected to abnormal working conditions.

Note

Repair or replacement, as provided under this warranty, is the exclusive remedy of the purchaser. This warranty is in lieu of all other warranties, express or implied, including any implied warranty of merchantability or fitness for a particular use or purpose. ZyXEL shall in no event be held liable for indirect or consequential damages of any kind to the purchaser.

To obtain the services of this warranty, contact your vendor. You may also refer to the warranty policy for the region in which you bought the device at http://www.zyxel.com/web/support/warranty_info.php.

Registration

Register your product online to receive e-mail notices of firmware upgrades and information at www.zyxel.com for global products, or at www.us-zyxel.com for North American products.

ENGLISH	DEUTSCH
Green Product Declaration RoHS Directive 2002/95/EC	Green Product Declaration RoHS Directive 2002/95/EC
WEEE Directive 2002/96/EC (WEEE: Waste Electrical and Electronic Equipment) 2008/34/EC	WEEE Directive 2002/96/EC (WEEE: Waste Electrical and Electronic Equipment) 2008/34/EC
Declaration Signature: Name/Title: Raymond Huang / Quality & Customer Service Division Assistant VP Date (aaaa/mm/dd): 2011/1/24	Unterschrift des Erklärenden: Name/Title: Raymond Huang / Quality & Customer Service Division Assistant VP Datum (JJJJ/MM/DD): 2011/1/24
ESPAÑOL Declaración de Producto Ecológico Directiva RoHS 2002/95/CE	FRANÇAIS Déclaration de Produit Green Directive RoHS 2002/95/CE
Directiva REEE 2002/96/CE (REEE : Residuos de Equipos Eléctricos y Electrónicos) 2008/34/CE	Directive DEEE 2002/96/CE (DEEE : Déchets des Equipements Electriques et Electroniques) 2008/34/CE
Firma de declaración: Nombre/Título: Raymond Huang / Quality & Customer Service Division Assistant VP Fecha (aaaa/mm/dd): 2011/1/24	Signature de la déclaration : Nom/Title : Raymond Huang / Quality & Customer Service Division Assistant VP Date (aaaa/mm/dd): 2011/1/24
ITALIANO Dichiarazione Green Product Direttiva RoHS 2002/95/CE	NETHERLANDS Productmilieuvierklaring RoHS-richtlijn 2002/95/CE
Direttiva RAEE 2002/96/CE (RAEE: Rifiuti di Apparecchiature Elettriche ed Elettroniche) 2008/34/CE	EEA-richtlijn 2002/96/CE (AEEA: Afgedankte Elektrische en Elektronische Apparaten) 2008/34/CE
Firma dichiarazione: Nome/Titolo: Raymond Huang / Quality & Customer Service Division Assistant VP Data (aaaa/mm/dd): 2011/1/24	Verklaringshandtekening: Naam/Titel: Raymond Huang / Quality & Customer Service Division Assistant VP Datum (aaaa/mm/dd): 2011/1/24
SVENSKA Miljödeklaration RoHS Direktiv 2002/95/EC	
WEEE Direktiv 2002/96/EC (WEEE: hantiering av elektriskt och elektroniskt avfall) 2008/34/EC	
Deklaration utfärskt/undertecknat av: Namn/Titel: Raymond Huang / Quality & Customer Service Division Assistant VP Datum (åååå/mm/dd): 2011/1/24	