

GP-101SF

Quick Installation Guide

06-2014 / v1.0

Edimax Technology Co., Ltd.

No.3, Wu-Chuan 3rd Road, Wu-Gu, New Taipei City 24891, Taiwan
Email: support@edimax.com.tw

Edimax Technology Europe B.V.

Fijenhof 2, 5652 AE Eindhoven, The Netherlands
Email: support@edimax.nl

Edimax Computer Company

3350 Scott Blvd., Bldg.15 Santa Clara, CA 95054, USA
Live Tech Support: 1(800) 652-6776
Email: support@edimax.com



COPYRIGHT

Copyright © Edimax Technology Co., Ltd. all rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise, without the prior written permission from Edimax Technology Co., Ltd.

Edimax Technology Co., Ltd. makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties, merchantability, or fitness for any particular purpose. Any software described in this manual is sold or licensed as is. Should the programs prove defective following their purchase, the buyer (and not this company, its distributor, or its dealer) assumes the entire cost of all necessary servicing, repair, and any incidental or consequential damages resulting from any defect in the software. Edimax Technology Co., Ltd. reserves the right to revise this publication and to make changes from time to time in the contents hereof without the obligation to notify any person of such revision or changes.

The product you have purchased and the setup screen may appear slightly different from those shown in this QIG. For more information about this product, please refer to the user manual on the CD-ROM. The software and specifications are subject to change without notice. Please visit our website www.edimax.com for updates. All brand and product names mentioned in this manual are trademarks and/or registered trademarks of their respective holders.

Edimax Technology Co., Ltd.

Add: No. 3, Wu-Chuan 3rd Rd., Wu-Ku Industrial Park, New Taipei City, Taiwan

Tel: +886-2-77396888

Email: sales@edimax.com.tw

PRODUCT INTRODUCTION

Thanks for purchasing the GP-101SF Gigabit PoE Splitter. The PoE Splitter fully complies with IEEE 802.3af standard, and can work with all IEEE 802.3af PoE compliant PSE (Power Source Equipment) or PoE Injector, to deliver 12V, 9V or 5V Direct Current to the device which do not support PoE. PoE (Power over Ethernet) technology allows the existing Ethernet infrastructure to transmit electrical power, along with data, to remote IP endpoints over the Ethernet cables, which can greatly save the cost of the external power cables. Your network can benefit from PoE technology for it will ensure the normal working status of your network while keep the existing Ethernet infrastructure secure.

Note:

GP-101SF is applicable to the device that has no external connections other than the Ethernet cables.

Please follow the steps in this guide to set up the network.

Package Contents

Before you start using this product, please check if anything is missing from the packaging, and contact your dealer to claim the missing item(s):

GP-101SF

The following items should be found in your package

- GP-101SF PoE Splitter
- One Power Y Cable
- Quick installation guide

Features

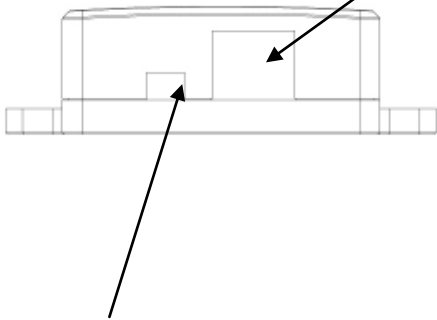
- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3af standards
- Data and Power carried over the same cable
- Supports optional 5V DC, 9V DC or 12V DC power supply
- Supports Plug-and-Play without any configuration

Identifying External Components



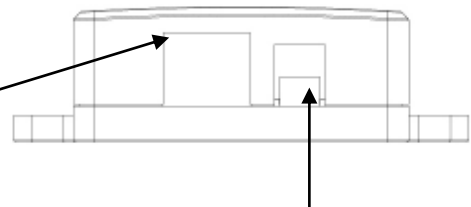
POWER+DATA IN

- Connect to the PSE or PoE Injector with a CAT5 UTP cable.



DC OUT 5V/9V/12V

- You can choose the DC output of 5V, 9V or 12V by turning the switch to the left or right.
- ▲ Please make sure that the output is correct, a different voltage may destroy the device.



DATA OUT: Connect to the Ethernet device with CAT5 UTP cable to transmit data.

DC OUT: Connect to the power port of the Ethernet device with the provided power cable to supply the power of 5V, 9V or 12V DC



Connecting the PoE Splitter

You can use GP-101SF PoE Splitter with PSE or PoE Injector to expand your network to where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc. The following steps will tell you how to connect the PoE Splitter correctly.

1. Use a CAT5 UTP cable to connect a PoE port of the PSE (ex.PoE Switch) to the POWER+DATA IN port.
2. Choose the appropriate DC output by the Power-mode switch.

Note:

Please make sure that the output is correct, a different voltage may destroy the device.

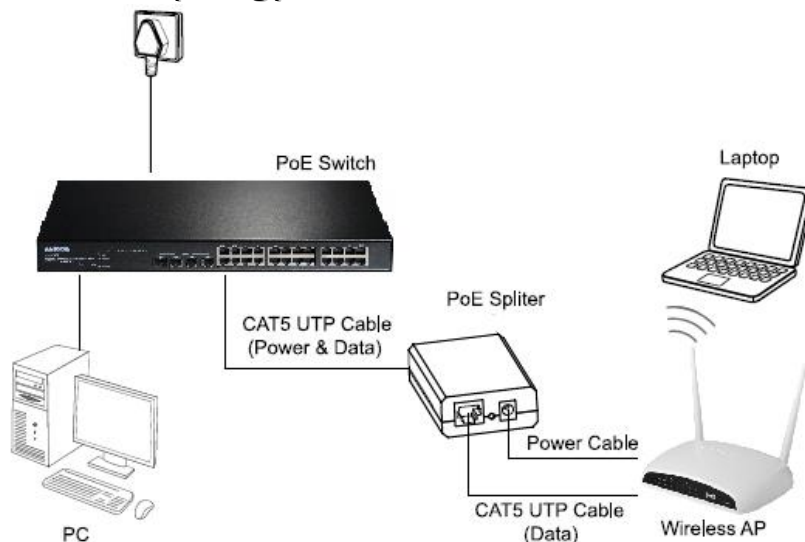
3. Connect the LAN OUT port to the Ethernet device with CAT5 UTP cable for data transmitting.
4. Connect the DC OUT port to the power port of the same Ethernet device with the provided power cable.

Note:

The power of Ethernet device is suggested to be under 10W.

Now, the Ethernet device can work normally with data and power.

The topology of this network is as follows.



Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 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 technician for help.

FCC Caution

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate 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.

EU Declaration of Conformity

- English:** This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC, 2009/125/EC.
- Français:** Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2004/108/EC, 2009/125/EC
- Čeština:** Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2004/108/EC, 2009/125/EC.
- Polski:** Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2004/108/EC, 2009/125/EC.
- Română:** Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2004/108/EC, 2009/125/EC.
- Русский:** Это оборудование соответствует основным требованиям и положениям Директивы 2004/108/EC, 2009/125/EC.
- Magyar:** Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (2004/108/EC, 2009/125/EC)
- Türkçe:** Bu cihaz 2004/108/EC, 2009/125/EC direktifleri zorunlu istekler ve diğer hükümlerle uyumludur.
- Українська:** Обладнання відповідає вимогам і умовам директиви 2004/108/EC, 2009/125/EC.
- Slovenčina:** Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2004/108/EC, 2009/125/EC.
- Deutsch:** Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2004/108/EC, 2009/125/EC.
- Español:** El presente equipo cumple los requisitos esenciales de la Directiva 2004/108/EC, 2009/125/EC.
- Italiano:** Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2004/108/EC, 2009/125/EC.
- Nederlands:** Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2004/108/EC, 2009/125/EC.
- Português:** Este equipamento cumpre os requisitos essenciais da Directiva 2004/108/EC, 2009/125/EC.
- Norsk:** Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2004/108/EC, 2009/125/EC.
- Svenska:** Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2004/108/EC, 2009/125/EC.
- Dansk:** Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2004/108/EC, 2009/125/EC.
- Suomi:** Tämä laite täyttää direktiivien 2004/108/EC, 2009/125/EC oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN 



WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the European EMC directive (2004/108/EC).

Equipment: Gigabit PoE Splitter

Model No.: GP-101SF

The following European standards for essential requirements have been followed:

EMC : EN 55022:2010
EN 55024:2010
EN 61000-3-2:2006 + A2:2009c
EN 61000-3-3:2008

Safety (LVD) : EN 60950-1 :
2006+A11:2009+A1:2010+A12:2011

Edimax Technology Co., Ltd.
No. 3, Wu Chuan 3rd Road,
Wu-Ku Industrial Park,
New Taipei City, Taiwan



Date of Signature: June, 2014

Signature:

A handwritten signature in black ink, appearing to read 'Albert Chang', written over a horizontal line.

Printed Name:

Albert Chang

Title:

Director

Edimax Technology Co., Ltd.



ΣEDIMAX
NETWORKING PEOPLE TOGETHER