ES-1008PH V2 /GS-1008PH V2

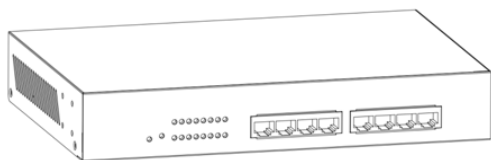# Quick Installation Guide

02-2017 v1.0

Model No.

ES-1008PH V2:   8-Port Fast Ethernet Switch with 4 PoE+ Ports
GS-1008PH V2:   8-Port Gigabit Switch with 4 PoE+ Ports
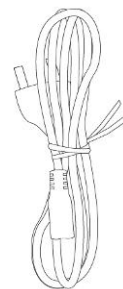
Package Contents

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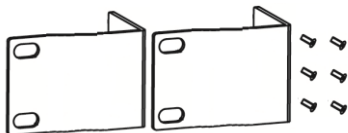

PoE+ Switch   QIG   Power Cord

Rack-Mount Kit

I-2. Hardware Overview

Front Panel:

Please refer to the following description for the front panel:

ES-1008PH V2

GS-1008PH V2

DIP Switch Definition:

The front pnael of PoE+ switch provies four pins DIP Switch. The detailed descriptions are shown nin the following table.

DIP Switch	Status	Description
1 (Extend)	On	This mode makes the PoE Port **1~2** operate at auto-negotiation 10Mbps speed duplex mode only, but the delivery distance of PoE power and network data can reach **200m**.
	Off (default)	This mode makes the PoE Port **1~2** operate as a genral switch.
2 (Extend)	On	This mode makes the PoE Port **3~4** operate at auto-negotiation 10Mbps speed duplex mode only, but the delivery distance of PoE power and network data can reach **200m**.
	Off (default)	This mode makes the PoE Port **3~4** operate as a genral switch.
3 (VLAN)	On	This mode makes the PoE+ switch operate as a **VLAN isolation** switch and port 1 to port 4 will isolate respectively., port 1 to port 4 can only communicate with port 5 (uplink port).
	Off (default)	This mode makes the PoE+ switch operate as a genral switch.
4 (QoS)	On	This mode makes the PoE+ switch operate as a QOS switch, it follows the 802.1p QoS, video and voice with high priority.
	Off (default)	This mode makes the PoE+ switch operate as a genral switch.

Please note, after truning ON the DIP switch you will have to Reboot the switch.

After installing the switch, you can check its status from the LED inducators on the front panel shown below.

LED Definitions:

LED	Color	LED Status	Description
Power ⏻	Green	On	Switch is on.
		Off	Switch is off.
LNK/ACT	Green	On	Connected to 10/100M network (Supports ES-1008PHE V2 only) Connected to 10/100/1000M network. (Supports GS-1008PHE V2 only)
		Flashing	Transferring/receiving data.
		Off	No device is connected.
PoE	Green	On	Feeding power to PoE devices.
		Off	PoE function is not active.
PoE Alert	Red	On	Total PoE power consumed is exceeding PoE budget.
		Off	Total PoE power is within PoE budget.

Back Panel:

Operating Environment

This switch must be installed and operated within the limits of the specified operating temperature 0 - 40°C (32 - 104°F) and humidity (10 - 90% non-condensing).

- Do not place objects on top of the unit.
- Do not obstruct any vents at the sides of the unit.
- Do not position the unit close to any heating source such as a heater, radiator or in direct exposure to sun.
- Take care to ensure the unit does not come into contact with water. Consider using a dehumidifier to reduce humidity and prevent moisture entering the unit.

Connecting to Network Devices

The RJ-45 ports on the switch support Auto-MDI/MDI-X which allows either straight-through or cross-over type cables to connect this switch to a workstation or switch.
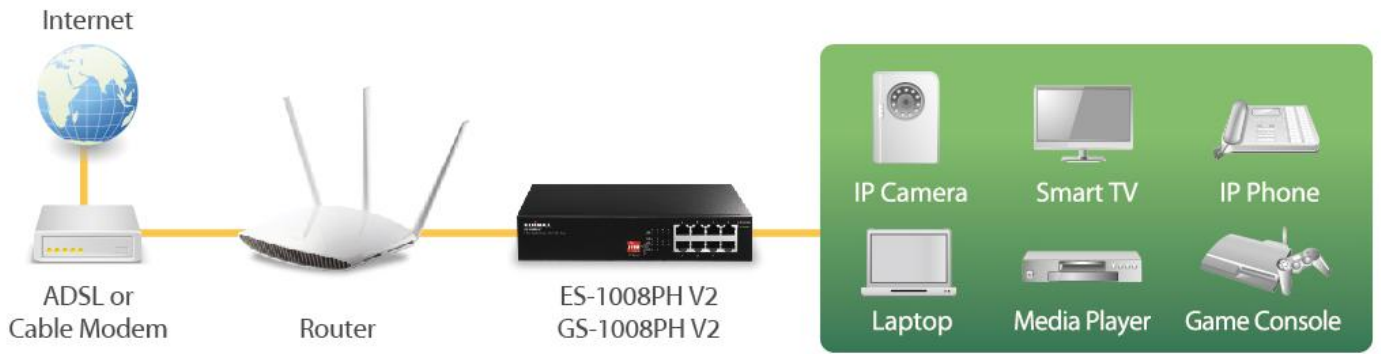
Connect one end of the network cable to the RJ-45 port on the side panel, and connect the other end of the network cable to the RJ-45 port on the network device. Follow the same procedure to connect all RJ-45 ports of the switch.

The UTP network cables must comply with EIA/TIA 568 specifications and Category 5 standard for data transmission. The maximum length for a UTP cable segment between the switch and connected devices is 100 meters (300ft).

Once the network cable is connected to both ends and the attached network device is powered on, the green LNK/ACT LED should be lit.

Connecting The Power
Connect the power adapter to the power connector of the unit; the green power LED on the front panel should be lit.

Internet

ADSL or
Cable Modem

Router

ES-1008PH V2
GS-1008PH V2

IP Camera   Smart TV   IP Phone

Laptop   Media Player   Game Console

PoE Devices

30W

Video Phone

PTZ/Speed Dome
IP Camera

High Power
Wireless AP

ES-1008PH V2
GS-1008PH V2

IP Phone

Wireless AP

IP Camera

15W

TROUBLESHOOTING

1. Power LED is not lit.
Check if the power cord is properly connected to the external power adapter and the power source. Make sure the DC power jack is firmly plugged into the power socket of the switch.

2. Link/Activity (LNK/ACT) LED is not lit when connected to devices.
- Ensure that the network device attached to the switch is switched on.
- Check the network cable; ensure it is properly connected to the switch and the network device.
- Check the network cable; ensure the UTP cable complied with EIA/TIA 568 and Category 5 specifications.

[!] Contact your dealer if problems persist.

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.

Federal Communications Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 2.5cm (1 inch) during normal operation.

Federal Communications Commission (FCC) RF Exposure Requirements

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such as PDAs or lap pads is not authorized. This transmitter is restricted for use with the specific antenna tested in the application for certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

EU Countries Not Intended for Use

None

EU Declaration of Conformity

English: This equipment is in compliance with the essential requirements and other relevant provisions of Directive 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Français: Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 1995/5/CE, 2009/125/CE, 2006/95/CE, 2011/65/CE.

Čeština: Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 1995/5/ES, 2009/125/ES, 2006/95/ES, 2011/65/ES.

Polski: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC..

Română: Acest echipament este în conformitate cu cerinţele esenţiale şi alte prevederi relevante ale Directivei 1995/5/CE, 2009/125/CE, 2006/95/CE, 2011/65/CE.

Русский: Это оборудование соответствует основным требованиям и положениям Директивы 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Magyar: Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (1995/5/EK, 2009/125/EK, 2006/95/EK, 2011/65/EK).

Türkçe: Bu cihaz 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.

Українська: Обладнання відповідає вимогам і умовам директиви 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Slovenčina: Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 1995/5/ES, 2009/125/ES, 2006/95/ES, 2011/65/ES.

Deutsch: Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Español: El presente equipo cumple los requisitos esenciales de la Directiva 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Italiano: Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 1995/5/CE, 2009/125/CE, 2006/95/CE, 2011/65/CE.

Nederlands: Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC..

Português: Este equipamento cumpre os requesitos essênciais da Directiva 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Norsk: Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Svenska: Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 1995/5/EG, 2009/125/EG, 2006/95/EG, 2011/65/EG.

Dansk: Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

suomen kieli: Tämä laite täyttää direktiivien 1995/5/EY, 2009/125/EY, 2006/95/EY, 2011/65/EY oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN (AT) (BE) (CY) (CZ) (DK) (EE) (FI) (FR) (DE) (GR) (HU) (IE) (IT) (LV) (LT) (LU) (MT) (NL) (PL) (PT) (SK) (SI) (ES) (SE) (GB) (IS) (LI) (NO) (CH) (BG) (RO) (TR)

CE FC ⚠ EAC

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 R&TTE directives.

Equipment: **ES-1008PH V2   8-Port Fast Ethernet Switch with 4 PoE+ Ports**
GS-1008PH V2   8-Port Gigabit Switch with 4 PoE+ Ports
Model No.:   ES-1008PH V2 / GS-1008PH V2

The following European standards for essential requirements have been followed:

Directives 2014/30/EC

EMC	:	EN55022:2010+AC:2011 Class A
		EN55024:2010
		EN61000-3-2:2014 Class A
		EN61000-3-3:2013
Safety (LVD)	:	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011+A2:2013
		IEC60950-1:2005(Second Edition)+Am 1:2009+Am2:2013

Edimax Technology Co., Ltd.
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New Taipei City, Taiwan

Date of Signature: Feb., 2017
Signature:

Printed Name: Albert Chang
Title: Director
Edimax Technology Co., Ltd.

CE

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