

# GS-5424PLX V2 GS-5424PLC V3, GS-5216PLC & GS-5210PL



# Edimax Technology Co., Ltd.

No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, 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**

530 Technology Drive Suite 100, Irvine, CA 92618, USA Email: support@edimax.us

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# I. Product Information

- **GS-5424PLX V2**: Surveillance VLAN 28-Port Gigabit PoE+ Long Range Web Smart Switch with 4 10GbE SFP+ Ports
- **GS-5424PLC V3**: Surveillance VLAN 28-Port Gigabit PoE+ Long Range Web Smart Switch with 4 Gigabit RJ45/SFP Combo Ports
- **GS-5216PLC**: Surveillance VLAN 18-Port Gigabit PoE+ Long Range Web Smart Switch with 2 Gigabit RJ45/SFP Combo Ports
- **GS-5210PL**: Surveillance VLAN 12-Port Gigabit PoE+ Long Range Web Smart Switch with 2 Gigabit RJ45 Ports and 2 SFP Ports

# I-1. Package Content



GS-5424PLX V2, GS-5424PLC V3, GS-5216PLC or GS-5210PL









Quick Installation Guide

Power Cord

**Rack-Mount Kit** 

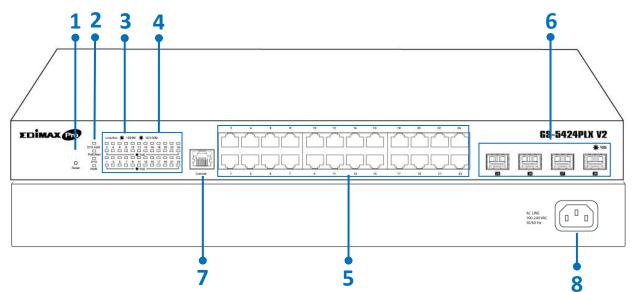
**Console Cable** 

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

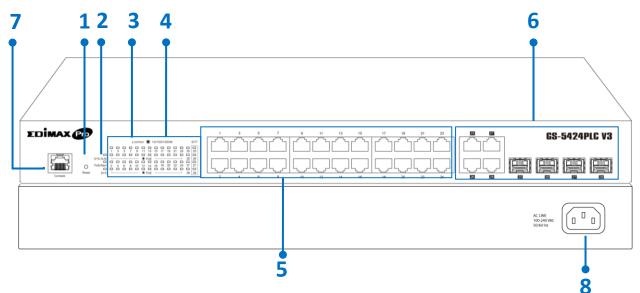
Model#	Surveillance VAN Web-Smart Switch	Quick Installatio n Guide	Rack-Mount Kit	Power Cord	Console Cable
GS-5424PLX V2	V	V	V	V	V
GS-5424PLC V3	V	V	V	V	V
GS-5216PLC	V	V	V	V	-
GS-5210PL	V	V	V	V	-

# I-2. Hardware Overview

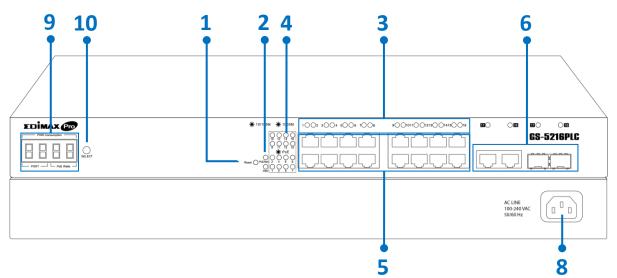
# GS-5242PLX V2:



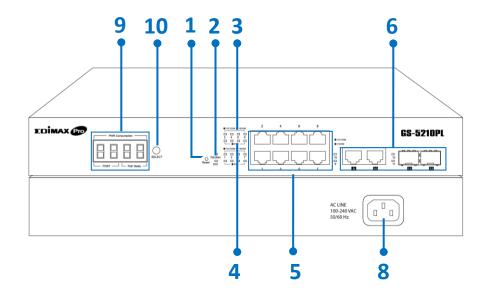
## GS-5424PLC V3:



## GS-5216PLC:



# GS-5210PL:

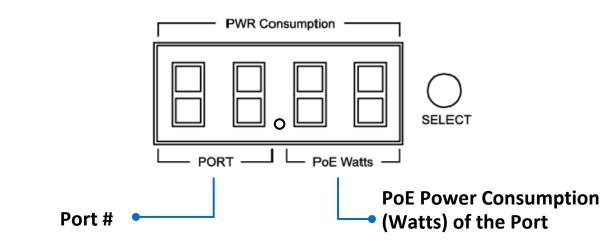


No.	GS-5424PLX V2	GS-5424PLC V3	GS-5216PLC	GS-5210PL
1.	Reset Button			
2.	LED(SYS ALM, PoE/Alert, SYS, PWR)	LED (SYS ALM, PoE/Alert, SYS)	LED (PoE/Alert <i>,</i> PWR)	LED (PoE/Alert, SYS)
3.		LED Lir	nk/Act	
4.		LED	PoE	
5.	PoE Port 1~24	PoE Port 1~24	PoE Port 1~16	PoE Port 1~8
6.	SFP+ Ports 25~28	Combo Ports (RJ45/SFP) 25~28	Combo Ports (RJ45/SFP) 17~18	RJ45 Port 9~10 SFP Port 11~12
7.	Console Port		N/A	
8.	AC In Power Socket			
9.	N/A	N/A	PWR Consum PoE W PWR Cons PWR Cons PORT PORT 7-Segme (Power Consur	Vatts
10.	N/A	N/A	SELECT (PWR Consum	

# I-3. LED Status

Function	Color	Status	Description
	Green	On	Power on
PWR		Off	Power off
SYS ALM		On	System failure
(GS-5424PLX V2, GS-5424PLC V3)	RED	Off	Device in good condition
SYS		On	Power on
(GS-5424PLX V2, GS-5424PLC V3,	Green	Blinking	System is booting up
GS-5210PL)		Off	Power off
Do C Alart		On	Total PoE power consumed is exceeding PoE power budget
PoE Alert	RED	Off	Total PoE power consumed is under PoE power budget
	Green	On	Link at 1000Mbps
		Blinking	Sending or receiving data
Link/Act		Off	Port disconnected or link fail
LIIK/ACC	Amber	On	Link at 10/100Mbps
		Blinking	Sending or receiving data
		Off	Port disconnected or link fail
ΡοΕ	Groop	On	Feeding power to PoE devices
FUE	Green	Off	PoE function is not active
		On	SPF+ Port Link at 10Gbps
	Blue	Blinking	Sending or receiving data
10G (25-28 port)		Off	SFP+ Port disconnected or link fail
(GS-5424PLX V2)	Green	On	SPF+ Port Link at 1Gbps
(		Blinking	Sending or receiving data
		Off	SFP+ Port disconnected or link fail

# 7-Segment LED Power Consumption Status (GS-5216PLC & GS-5210PL ONLY)



Note: The LED indicator shows you the status of "Total PoE Power Budget" or "PoE Power Budget Left" when 3 LED indicators are lighted on

- 3 LED indicators: PoE Power Budget left.
- 4 LED indicators: First 2 LED indicators are the PORT number; last 2 LED indicators are the port's PoE power consumprtion.

# II. Installation

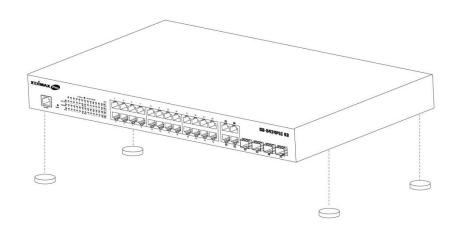
Read the following topics and perform the procedures in the correct order. Incorrect installation may cause damage to the product.

# II-1. Physically Setup

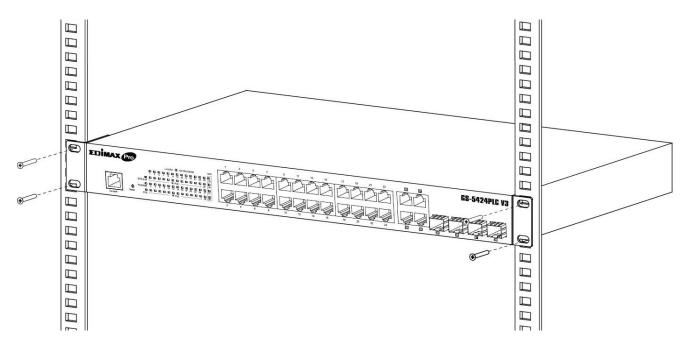
There are two ways to physically set up the switch. No matter how you installed the switch, please keep it with good ventilation.

## 1. Desktop Placement:

Attach the supplied rubber feet to the recessed areas on the bottom of the switch. Place the switch on a flat surface and keep it with good ventilation.

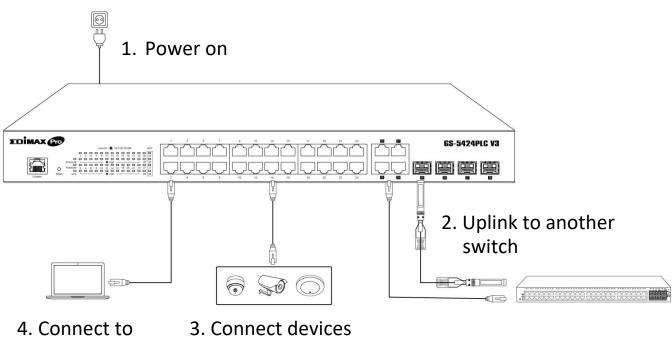


2. **Rack-Mount Installation**: You can mount the switch in any standard size, 19-inch (about 48 cm) wide rack with 1 Rack Unit (1U) of space, which is 1.75 inches (4.45 cm) high. First, to align the mounting brackets with the mounting holes on the switch's side panels and secure the brackets with the screws. Then secure the switch on the equipment rack.



# II-2. Connection

- 1. Power on: Connect the power cord to the switch and the power outlet. The switch is powered by the 100-240VAC 50/60Hz external highperformance power supply. (Note: Make sure the PWR LED is green.)
- 2. Uplink: Plug the standard Cat5e or above Ethernet cable into the LAN port (Note: Make sure that the LED is green or amber) or plug the SFP/SFP+ cable into the SFP/SFP+ slot (Note: Make sure that the LED is blue (SFP+) or green (SFP)) and connect it to another switch.
- 3. Connect devices: Plug the standard Cat5e or above Ethernet cable into the LAN port and connect to any networking device with an Ethernet port. (Note: Make sure that the "LAN" Link/Act LED is green or amber.) The hardware installation is complete!
- **4. Connect a computer**: Connect your computer with the switch and get ready for web-based configuration with following "Section III Web-based Configuration Utility".



a computer

3. Connect devices

This section describes how to navigate the web-based switch configuration utility through web browser. **Be sure to disable any browser pop-up blocker.** 

# **Browser Restrictions**

- If you are using older versions of Internet Explorer, you cannot directly use an IPv6 address to access the device. You can, however, use the DNS (Domain Name System) server to create a domain name that contains the IPv6 address, and then use that domain name in the address bar in place of the IPv6 address.
- If you have multiple IPv6 interfaces on your management station, use the IPv6 global address instead of the IPv6 link local address to access the device from your browser.

# Launching the Configuration Utility

- **1.** Connect your computer with the switch then open a web browser.
- 2. Enter the IP address of the switch you are configuring in the address bar on the browser (factory default IP address is 192.168.2.1) and then press Enter. Please make sure that your computer's IP address is in the same subnet as this switch. The default IP address is an IP address in the range of 192.168.2.X (X=2-254). You can modify the IP address of your computer if you need.

Default IP	192.168.2.1
Default User Name	admin
Default Password	1234

**3.** The default username is "admin" and the default password is "1234".

	ΣDİN	IAX Pro	
	Model Name	GS-5424PLC V3	
1	Username:		
Ê	Password:		
	Language	English v	
		LOGIN	

**4.** The first time that you log in with the default username and password, you are required to set a new password.

Set	New Passwore
New Pa	assword
Confirm	n Password
	Apply

5. For more information about Web-based Configuration Utility, please download User Manual from EDIMAX official website. <u>https://www.edimax.com/download/</u>

# IV. More Information

For detailed instructions, you can find user manual and all supporting documents from the link below or via the QR code:

https://www.edimax.com/download/



Please search the **model number** to enter the referred page.

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# V. Safety Instructions

The following general safety guidelines are provided to help ensure your own personal safety and protect your product from potential damage. Remember to consult the product user instructions for more details.

- This product is designed for indoor use only.
- Static electricity can be harmful to electronic components. Discharge static electricity from your body (i.e. touching grounded bare metal) before touching the product.
- The device contains no user serviceable parts. Do not attempt to service the product and never disassemble the product.
- Do not spill food or liquid on your product and never push any objects into the openings of your product.
- Do not use this product near water, areas with high humidity, or condensation.
- Keep the product away from radiators and other heat sources.
- This device is not designed to be operated by children.
- Always unplug the product from mains power before cleaning and use a dry lint free cloth only.



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## **Federal Communication Commission Interference 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. 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.

#### FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

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.

#### **R&TTE Compliance Statement**

This equipment complies with all the requirements of DIRECTIVE 2014/30/EU 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, Croatia, 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

English: This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/30/EU. Français: Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2014/30/EU. Čeština: Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2014/30/EU. Polski: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2014/30/EU. Română: Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/30/EU. Это оборудование соответствует основным требованиям и положениям Директивы Русский: 2014/30/EU. Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek Magyar: (2014/30/EU). Türkçe: Bu cihaz 2014/30/EU. direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur. Українська: Обладнання відповідає вимогам і умовам директиви 2014/30/EU. Slovenčina: Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2014/30/EU. Deutsch: Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2014/30/EU. Español: El presente equipo cumple los requisitos esenciales de la Directiva 2014/30/EU. Italiano: Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2014/30/EU. Nederlands: Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2014/30/EU. Português: Este equipamento cumpre os requesitos essênciais da Directiva 2014/30/EU. Norsk: Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2014/30/EU. Svenska: Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2014/30/EU. Dansk: Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2014/30/EU. suomen kieli: Tämä laite täyttää direktiivien 2014/30/EU. oleelliset vaatimukset ja muut asiaankuuluvat määräykset.





#### 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.

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: 16-Port Gigabit PoE Switch, 2 RJ45/2 SFP combo ports Model No.: GS-5210PL

The following European standards for essential requirements have been followed:

### Directives 2014/30/EU

EMC

: EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013+A1:2019 EN 55035:2017

### Directives 2014/35/EU

Safety (LVD) : IEC 62368-1:2014 (2nd Edition) and/or EN 62368-1:2014+A11:2017

Edimax Technology Europe B.V.			
Fijenhof 2,			
5652 AE Eindhoven,			
The Netherlands			
Date & Place of Issue: 30/Nov./2022, Eindhov	/en		
Signature: Work Huy			

Printed Name: David Huang Title: Director

a company of: Edimax Technology Co., Ltd. No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Date & Place of Issue: 30/Nov./2022, Taipei Signature:

HX clon

Printed Name: Hunter Chen Title: Director

CE

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: 18-Port Gigabit PoE Switch, 2 RJ45/2 SFP combo ports Model No.: GS-5216PLC

The following European standards for essential requirements have been followed:

### Directives 2014/30/EU

EMC

: EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013+A1:2019 EN 55035:2017

### Directives 2014/35/EU

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Edimax Technology Europe B.V.			
Fijenhof 2,			
5652 AE Eindho	5652 AE Eindhoven,		
The Netherland	The Netherlands		
Date & Place of	Issue: 30/Nov./2022, Eindhoven		
Signature:	Vord Hug		

Printed Name: David Huang Title: Director

CE

a company of: Edimax Technology Co., Ltd. No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Date & Place of Issue: 30/Nov./2022, Taipei Signature: Hotchon

Printed Name: Hunter Chen Director Title:

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: 28-Port Gigabit PoE Switch, 4 RJ45/4 SFP combo ports Model No.: GS-5424PLC V3

The following European standards for essential requirements have been followed:

### Directives 2014/30/EU

EMC

: EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 EN 55035:2017+A11:2020

### Directives 2014/35/EU

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Fijenhof 2,		
5652 AE Eindhoven,		
The Netherlands		
Date & Place of Issue: 30/Nov./2022, Eindhoven		
Signature: Work Huy		
Printed Name: David Huang		

Printed Name: David Hu Title: Director

CE

a company of: Edimax Technology Co., Ltd. No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Date & Place of Issue: 30/Nov./2022, Taipei Signature:

Printed Name: Title:

Hunter Chen Director

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: 24-Port Gigabit PoE, Long rang, 10GbE uplinks Switch Model No.: GS-5424PLX V2

The following European standards for essential requirements have been followed:

### Directives 2014/30/EU

EMC

: EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 EN 55035:2017+A11:2020

### Directives 2014/35/EU

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Edimax Technology Europe B.V.		
Fijenhof 2,		
5652 AE Eindho	ven,	
The Netherland	S	
Date & Place of Issue: 30/Nov./2022, Eindhoven		
Signature:	Vol Ang	
Printed Name:	David Huang	

Title: Director

C E

a company of: Edimax Technology Co., Ltd. No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Date & Place of Issue: 30/Nov./2022, Taipei Signature:

Hotchen

Printed Name: Title:

Hunter Chen Director

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Equipment: 16-Port Gigabit PoE Switch, 2 RJ45/2 SFP combo ports Model No.: GS-5210PL

The following European standards for essential requirements have been followed:

Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)

EMC

EN 55032:2015+AC:2016
EN 61000-3-2:2014
EN 61000-3-3:2013+A1:2019
EN 55035:2017

### Electrical Equipment (Safety) Regulations 2016 (S.I. 2016/1101)

Safety (LVD) : IEC 62368-1:2014 (2nd Edition) and/or EN 62368-1:2014+A11:2017

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Printed Name: David Huang Title: Director

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a company of: Edimax Technology Co., Ltd. No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Date & Place of Issue: 30/Nov./2022, Taipei Signature:

Hotchon

Printed Name: Hunter Chen Title: Director

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We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the United Kingdom EMC and Safety directives.

Equipment: 18-Port Gigabit PoE Switch, 2 RJ45/2 SFP combo ports Model No.: GS-5216PLC

The following European standards for essential requirements have been followed:

Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)

EMC

: EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013+A1:2019 EN 55035:2017

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Signature:

Mont Aug

Printed Name: David Huang Title: Director



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Hox chon

Printed Name: Hunter Chen Title: Director

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Equipment: 28-Port Gigabit PoE Switch, 4 RJ45/4 SFP combo ports Model No.: GS-5424PLC V3

The following European standards for essential requirements have been followed:

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: EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 EN 55035:2017+A11:2020

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Edimax Technology Europe B.V.
Fijenhof 2,
5652 AE Eindhoven,
The Netherlands
Date & Place of Issue: 30/Nov./2022, Eindhoven

Signature:

Mal Aug

Printed Name: David Huang Title: Director



a company of: Edimax Technology Co., Ltd. No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Date & Place of Issue: 30/Nov./2022, Taipei Signature:

H.S. Chon

Hunter Chen Printed Name: Title: Director

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Equipment: 24-Port Gigabit PoE, Long rang, 10GbE uplinks Switch Model No.: GS-5424PLX V2

The following European standards for essential requirements have been followed:

### Electromagnetic Compatibility Regulations 2016 (S.I. 2016/1091)

EMC

: EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013+A1:2019 EN 55035:2017+A11:2020

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Fijenhof 2,	
5652 AE Eindhoven,	
The Netherlands	
Date & Place of Issue: 30	)/Nov./2022, Eindhoven
Signature:	And

Printed Name: David Huang Title:

Director



a company of: Edimax Technology Co., Ltd. No. 278, Xinhu 1st Rd., Neihu Dist., Taipei City, Taiwan Date & Place of Issue: 30/Nov./2022, Taipei Signature:

H.S. Chon

Hunter Chen Printed Name: Title: Director