EDIMAX
NETWORKING PEOPLE TOGETHER

GS-5424PLG

User Manual

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Chapter 1 Product Introduction

Thank you for purchasing an Edimax PoE Web Smart Ethernet Switch. Before you install and use the product, please read this manual carefully to make the best use of the product's functions.

1.1 Product Overview

The Edimax Pro GS-5424PLG is a web-smart switch with 24 Gigabit PoE+ ports and four Gigabit SFP slots. Designed for medium to large network environments, its standard 19-inch rack-mount brackets allow for integration with the most widely used mounting systems on the market. The Edimax GS-5424PLG is a superb choice to boost your network environment's performance and efficiency.

1.2 Features

- Supports 24 10/100/1000Mbps Gigabit Ethernet ports and 4 mini-GBIC/SFP slots
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports PoE up to 30 W per port with 400 W total power budget
- Automatically detects powered devices (PD) and power consumption levels
- IEEE 802.1Q VLAN allows network segmentation to enhance performance and security
- Supports Access Control List (ACL)
- Switch capacity: 56Gbps, Forwarding rate: 35.7Mbps
- Supports IGMP Snooping V1 / V2
- 8K MAC address table and 9K jumbo frames
- 19-inch rack-mountable metal case

1.3 External Component Description

1.3.1 Front Panel

The front panel of the switch consists of 24 x 10/100/1000Mbps RJ-45 ports, 4 x SFP ports and a series of LED indicators as shown as below:

Front Panel

10/100/1000Mbps RJ-45 ports (1~24):
Designed to connect to network devices with a bandwidth of 10Mbps, 100Mbps or 1000Mbps. Each has a corresponding 10/100/1000Mbps LED.

SFP ports (SFP1, SFP2, SFP3, SFP4):
Designed to install SFP modules and connect to network devices with a bandwidth of 1000Mbps. Each has a corresponding 1000Mbps LED.

LED indicators:
The LED Indicators will allow you to monitor, diagnose and troubleshoot any potential problem with the switch, connection or attached devices.

LED Indicators

The following chart shows the LED indicators of the Switch along with explanation of each indicator.

Power: Green
 − Off: Power off
 − On: Power on

System: Green
 − Off: System not ready
 − On: System ready
 − Blinking: System booting

Copper Port 1G: Green
 − Off: No 1G link
 − On: 1G link

Copper Port: Yellow
 − Off: 100M link fail
 − Flashing: Sending or receiving data

SFP: Green
 − Off: Link fail
 − On: Connected

SFP: Yellow LED

- Off: Not sending or receiving data
- Flashing: Sending or receiving data

1.3.2 Rear Panel

The rear panel of the switch features the AC power connector:

Rear Panel

AC Power Connector:

Power is supplied through an external AC power adapter. Supports AC 100 – 240V, 50-60Hz

1.4 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):

- GS-5424PLG POE Web Smart Switch
- Quick Installation Guide
- CD
- Power Cord
- Rack-Mount Kit

Chapter 2 Installing and Connecting the Switch

This chapter describes how to install and connect your PoE Ethernet Switch. Please read the following topics and perform the procedures in the correct order. Incorrect installation may cause damage to the product.

2.1 Installation

➢ Put the switch in a stable place such as a desktop to avoid falling.

➢ Ensure the switch works in the proper AC input range and matches the voltage labeled.

➢ Do not open the switch's outer case even in the event of power failure.

➢ Ensure there is proper heat dissipation from and adequate ventilation around the switch.

➢ Ensure the switch's location can support the weight of the switch and its accessories.

2.1.1 Desktop Installation

Where standard 19-inch cabinet is not available, install the switch on a desktop and attach the cushioning rubber feet provided on the bottom corners of the switch to protect against external vibration. Allow adequate space for ventilation between the device and any objects around.
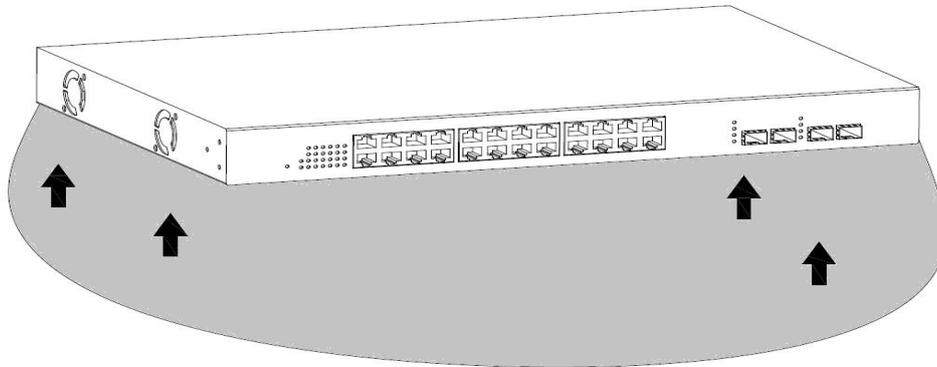
i

Figure 4 - Desktop Installation

2.1.2 Rack-mountable Installation in 19-inch Cabinet

The switch can be mounted in an EIA standard-sized 19-inch rack which can be placed in a wiring closet with other equipment. To install the switch, please follow these steps:

A. Attach the mounting brackets on the switch's side panels (one on each side) and secure them with the screws provided.
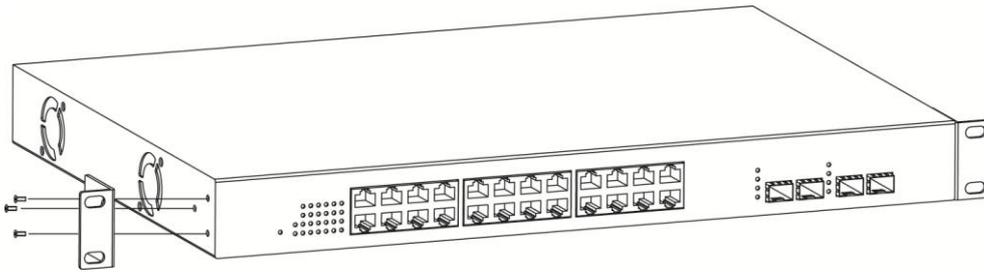
Bracket Installation

B. Use the screws provided with the equipment rack to mount the Switch on the rack and tighten it.
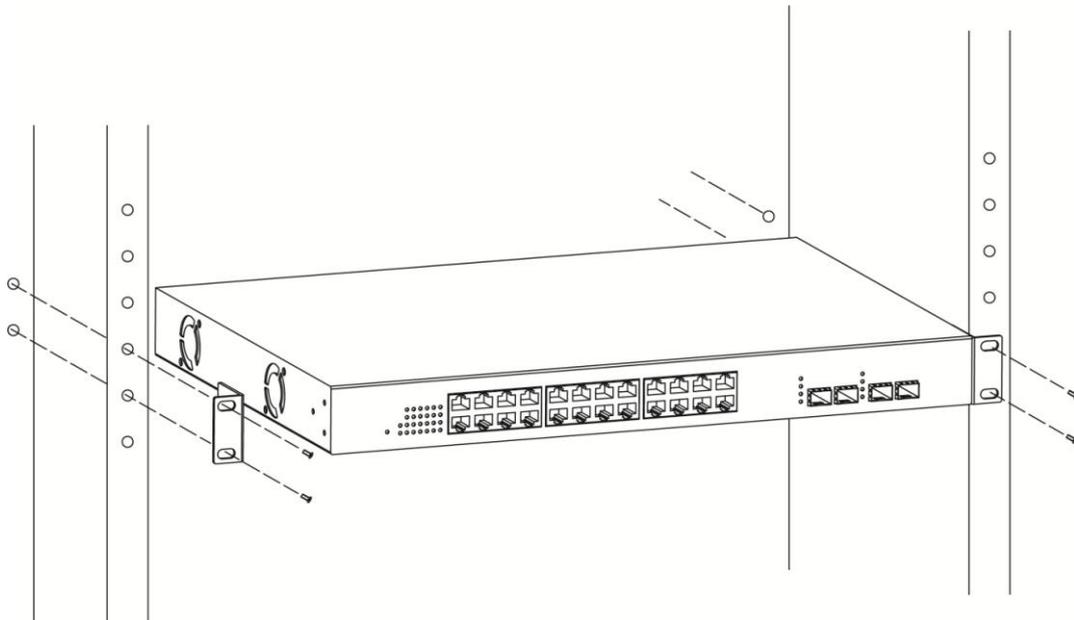
Rack Installation

2.1.3 Power on the Switch

The Switch is powered on by the AC 100-240 V 50/60Hz internal high-performance power supply.

AC Electrical Outlet:

It is recommended to use a single-phase three-wire receptacle with neutral outlet or multifunctional computer professional receptacle. Please make sure to connect the metal ground connector to the grounding source on the outlet.

AC Power Cord Connection:

Connect the AC power connector on the back panel of the switch to external receptacle with the included power cord, and check the power LED is on.

2.2 Connect Computer (NIC) to the Switch

Please insert the NIC into the computer, and after installing network card driver connect one end of the RJ-45 cable to your computer and the other end to any RJ-45 port of the switch, with a maximum distance between switch and computer around 100 meters. After the devices are powered on the LINK/ACT/Speed status indicator lights will display for corresponding ports of the switch.

2.3 Switch connection to the PD (Powered Device)

Ports 1-24 provide PoE power supply functionality with a maximum output power up to 30W each port. This can power PD devices such as internet phones, network cameras, wireless access points etc. Connect the switch PoE port directly connected to the PD port using a network cable.

Chapter 3 Login

3.1 Switch to End Node

Use a standard Cat 5/5e Ethernet cable (UTP/STP) to connect the switch to end nodes as shown below. Switch ports will automatically adjust to the characteristics (MDI/MDI-X, speed, duplex) of the device to which it's connected.

PC Connect
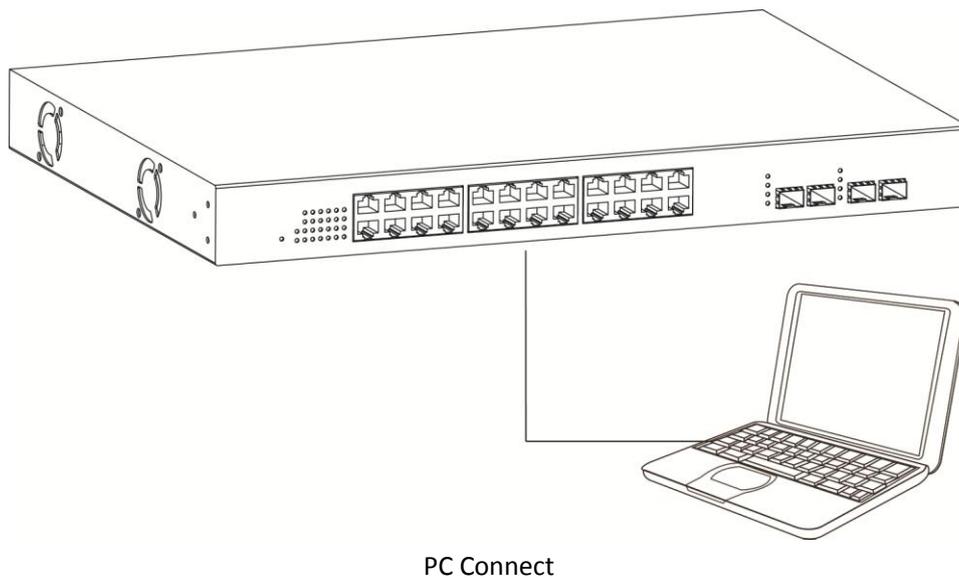
3.2 Login

Open a web browser and go to the switch's IP address. The default IP address is **192.168.2.1.** Your computer's IP address must be in the same subnet as the switch. For the default IP address this is any IP address in the range **192.168.2.x (x = 2 – 254).** You can modify the IP address of your computer if you need.

Default IP address	**192.168.2.1**
Default user name	**admin**
Default password	**1234**

1. Enter the switch's IP address (**192.168.2.1)** in the URL bar of a web browser. IE 7 or above is recommended.

2. At the following screen login with the default username "**admin**" and password "**1234**".

3. You will arrive at the switch configuration window as shown below:

Chapter 4 Switch Configuration

The PoE smart switch software provides rich layer 2 functionality for switches in your networks. This chapter describes how to use the web-based management interface (Web UI) to configure the switch's features.

The left column shows the configuration menu. The top row shows the switch's current link status. Green squares indicate the port link is up, while black squares indicate the port link is down. Below the switch panel, you can find a common toolbar to provide useful functions. The rest of the screen area displays the configuration settings.

4.1 System Status

View device information and status.

4.1.1 Device Information

Go to **Status > Device Information**

This page allow you to configure status related information and view status information such as Device ID, MAC address, IP Address and System Time.

Host Name: System name of the switch. This name will also be used as CLI prefix.

4.1.2 Port Flow Chart

System Status > Port Flow Chart

Port Select: Select one or multiple ports to configure.

Enabled: Port admin state.

- **Enabled: Enable the port.**
- **Disabled: Disable the port.**

Top(Downlink,Kbps) Port10:46 ,Port1:0 ,Port2:0   Top(Uplink,Kbps) Port10:449 ,Port1:0 ,Port2:0

Port 1	in :0.00	out :0.00	Port 2	in :0.00	out :0.00
1 Kb/s		0.00 / 0.00	1 Kb/s		0.00 / 0.00
0 10min 5 0			0 10min 5 0		

Port 3	in :0.00	out :0.00	Port 4	in :0.00	out :0.00
1 Kb/s		0.00 / 0.00	1 Kb/s		0.00 / 0.00
0 10min 5 0			0 10min 5 0		

Port 5	in :0.00	out :0.00	Port 6	in :0.00	out :0.00
1 Kb/s		0.00 / 0.00	1 Kb/s		0.00 / 0.00
0 10min 5 0			0 10min 5 0		

Port 7	in :0.00	out :0.00	Port 8	in :0.00	out :0.00
1 Kb/s		0.00 / 0.00	1 Kb/s		0.00 / 0.00
0 10min 5 0			0 10min 5 0		

Port 9	in :0.00	out :0.00	Port 10	in :45.74	out :449.48
1 Kb/s		0.00 / 0.00	500 Kb/s		25.49 / 3.42
0 10min 5 0			0 10min 5 0		

Port 11	in :0.00	out :0.00	Port 12	in :0.00	out :0.00
1 Kb/s		0.00 / 0.00	1 Kb/s		0.00 / 0.00
0 10min 5 0			0 10min 5 0		

Port 13	in :0.00	out :0.00	Port 14	in :0.00	out :0.00
1 Kb/s		0.00 / 0.00	1 Kb/s		0.00 / 0.00
0 10min 5 0			0 10min 5 0		

Port 15	in :0.00	out :0.00	Port 16	in :0.00	out :0.00
1 Kb/s		0.00 / 0.00	1 Kb/s		0.00 / 0.00
0 10min 5 0			0 10min 5 0		

Port 17	in :0.00	out :0.00	Port 18	in :0.00	out :0.00
1 Kb/s		0.00 / 0.00	1 Kb/s		0.00 / 0.00
0 10min 5 0			0 10min 5 0		

Port 19	in :0.00	out :0.00		Port 20	in :0.00	out :0.00

Port 19 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 20 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 21 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 22 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 23 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 24 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 25 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 26 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 27 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

Port 28 in :0.00 out :0.00
1 Kb/s
0.00
0.00
0 10min 5 0

4.1.3 Traffic Statistics

System Status >> Traffic Statistics					
☑ Auto Refresh					
Port	Cumulative Flow	Unicast Packets	Multicast Packet	Broadcast Packets	Operating
1	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
2	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
3	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
4	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
5	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
6	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
7	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
8	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
9	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
10	298.96 KB / 2.51 MB	2065 / 2131	137 / 0	533 / 1242	Reset
11	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
12	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
13	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
14	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
15	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
16	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
17	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
18	**0.00 B / 0.00 B**	**0 / 0**	**0 / 0**	**0 / 0**	**Reset**
19	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
20	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
21	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
22	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
23	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
24	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
25	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
26	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
27	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset
28	0.00 B / 0.00 B	0 / 0	0 / 0	0 / 0	Reset

4.1.4 Mac Table

4.1.4.1 Forwarding List

welcome ...

Forwarding List	Set Static MAC	Dynamic Address Settings	
Port	MAC Address	VLAN ID	Status
10	70:5A:B6:B3:DF:05	1	Dynamic

total 1   Page Size 15 ⌄   Page No. 1 / 1   First Previous Next Last   Goto 1 ⌄

4.1.4.2 Set Static MAC

Mac Table > Set Static MAC

Forwarding List	Set Static MAC	Dynamic Address Settings		
Number	MAC Address	VLAN ID	Port	Operating

Save ⊕

MAC Address: The MAC address to which packets will be statically forwarded. If Type is uncast, enter uncast MAC address in this field; If Type is multicast, enter multicast MAC address in this field.

Port: If Type is uncast, select the port number of the MAC entry; If Type is multicast, select the port list of the MAC entry.

VLAN: The VLAN ID number of the VLAN on which the above MAC address resides.

4.1.4.3 Dynamic Address Settings

Mac Table > Dynamic Address Settings

◀ welcome ...

Forwarding List	Set Static MAC	Dynamic Address Settings
Aging Time		

Save

Information Name	Information Value
Aging Time	300

4.1.5 System Load

Service	System Load	
Service	○ Enable ● Disable	
CPU Threshold	Close ▾	
Memory Threshold	Close ▾	

Save

Service: **Enable:** Select CPU Threshold percent & Memory Threshold percent.
            Disable: CPU Threshold & Memory Threshold disabled.

4.1.6 Network detection

4.2 Network

Use the Network page to configure settings for the switch network interface and connections to a remote server.

4.2.1 IP Address

Network > IP Address

This page allows you to edit IP address, Net Mask and Gateway.

IP Address: If static mode is enabled, enter IP address in this field.

Net Mask: If static mode is enabled, enter subnet mask in this field.

4.2.2 MAC Addresses

Network > MAC Address

MAC Address: Select the MAC address to show or clear dynamic MAC entries. If no port, VLAN and MAC address is selected, the dynamic MAC table will be cleared.

4.2.3 DNS Settings

Network > MAC Address

4.2.4 DHCP Protect

When the switch uses DHCP Protect, it will snoop protect message and DHCP requests and record the IP address and MAC address from DHCP ACK messages. DHCP Protect allows physical ports to be set as creditable ports or discreditable ports. Creditable ports can receive and forward the DHCP offer message while discreditable port will lose the DHCP offer message. This is sho the switch can identify false DHCP servers and ensure that the client gets a legal IP address from DHCP Server.

4.2.5 IGMP Snooping

Network > IGMP Snooping

4.3 Port Configuration

4.3.1 Port Configuration
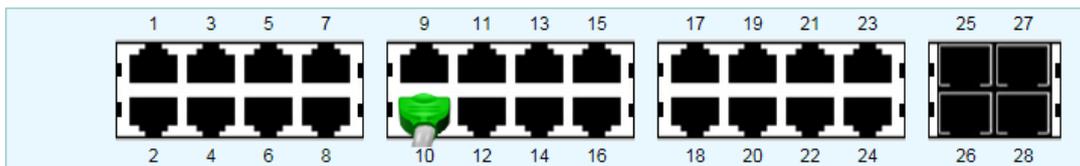
Port Configuration >> Port Configuration

PortID	Management	Auto Negotiation	Link	Speed	Maximum Speed	Duplex	Flow Control	Description	Operating
1	Enable	Enable	Down	0M	1000M	Full	Close		
2	Enable	Enable	Down	0M	1000M	Full	Close		
3	Enable	Enable	Down	0M	1000M	Full	Close		
4	Enable	Enable	Down	0M	1000M	Full	Close		
5	Enable	Enable	Down	0M	1000M	Full	Close		
6	Enable	Enable	Down	0M	1000M	Full	Close		
7	Enable	Enable	Down	0M	1000M	Full	Close		
8	Enable	Enable	Down	0M	1000M	Full	Close		
9	Enable	Enable	Down	0M	1000M	Full	Close		
10	Enable	Enable	Up	1000M	1000M	Full	Close		
11	Enable	Enable	Down	0M	1000M	Full	Close		
12	Enable	Enable	Down	0M	1000M	Full	Close		
13	Enable	Enable	Down	0M	1000M	Full	Close		
14	Enable	Enable	Down	0M	1000M	Full	Close		
15	Enable	Enable	Down	0M	1000M	Full	Close		
16	Enable	Enable	Down	0M	1000M	Full	Close		
17	Enable	Enable	Down	0M	1000M	Full	Close		
18	Enable	Enable	Down	0M	1000M	Full	Close		
19	Enable	Enable	Down	0M	1000M	Full	Close		
20	Enable	Enable	Down	0M	1000M	Full	Close		
21	Enable	Enable	Down	0M	1000M	Full	Close		
22	Enable	Enable	Down	0M	1000M	Full	Close		
23	Enable	Enable	Down	0M	1000M	Full	Close		
24	Enable	Enable	Down	0M	1000M	Full	Close		
25	Enable	Enable	Down	0M	1000M	Full	Close		
26	Enable	Enable	Down	0M	1000M	Full	Close		
27	Enable	Enable	Down	0M	1000M	Full	Close		
28	Enable	Enable	Down	0M	1000M	Full	Close		

Save

4.3.2 Port Mirroring

Port mirroring is mirroring the TX/RX data flow from the source port to the destination port.

Port Configuration >> Port Mirroring	
Status Operation	○ Enable ● Disable
Mirroring Port	[▼]
Mirrored Port(Select Invert)	☐ Port1 ☐ Port2 ☐ Port3 ☐ Port4 ☐ Port5 ☐ Port6 ☐ Port7 ☐ Port8 ☐ Port9 ☐ Port10 ☐ Port11 ☐ Port12 ☐ Port13 ☐ Port14 ☐ Port15 ☐ Port16 ☐ Port17 ☐ Port18 ☐ Port19 ☐ Port20 ☐ Port21 ☐ Port22 ☐ Port23 ☐ Port24 ☐ Port25 ☐ Port26 ☐ Port27 ☐ Port28

Save

4.3.3 MAC Limit

welcome ...

Port Configuration >> MAC Limit			
Port	Status	MAC Maximum	Operating
1	Disable	100	✏️ ❌
2	Disable	100	✏️ ❌
3	Disable	100	✏️ ❌
4	Disable	100	✏️ ❌
5	Disable	100	✏️ ❌
6	Disable	100	✏️ ❌
7	Disable	100	✏️ ❌
8	Disable	100	✏️ ❌
9	Disable	100	✏️ ❌
10	Disable	100	✏️ ❌
11	Disable	100	✏️ ❌
12	Disable	100	✏️ ❌
13	Disable	100	✏️ ❌
14	Disable	100	✏️ ❌
15	Disable	100	✏️ ❌
16	Disable	100	✏️ ❌

17	Disable	100	
18	**Disable**	**100**	
19	Disable	100	
20	Disable	100	
21	Disable	100	
22	Disable	100	
23	Disable	100	
24	Disable	100	
25	Disable	100	
26	Disable	100	
27	Disable	100	
28	Disable	100	

4.3.4 Port Aggregation

Aggregate multiple Ethernet ports together to form a logical port, supports static allocation or LACP.

4.3.4. ACL

ACL > Bounding List

This page allows you to set port bounding ACL rules.

Port	MAC Address	IP Address	Status	Remarks	Operating
1	-	-	Dynamic	-	
2	-	-	Dynamic	-	
3	-	-	Dynamic	-	
4	-	-	Dynamic	-	
5	-	-	Dynamic	-	
6	-	-	Dynamic	-	
7	-	-	Dynamic	-	
8	-	-	Dynamic	-	
9	-	-	Dynamic	-	
10	-	-	Dynamic	-	
11	-	-	Dynamic	-	
12	-	-	Dynamic	-	
13	-	-	Dynamic	-	
14	-	-	Dynamic	-	
15	-	-	Dynamic	-	
16	-	-	Dynamic	-	
17	-	-	Dynamic	-	
18	-	-	Dynamic	-	
19	-	-	Dynamic	-	
20	-	-	Dynamic	-	
21	-	-	Dynamic	-	
22	-	-	Dynamic	-	
23	-	-	Dynamic	-	
24	-	-	Dynamic	-	
25	-	-	Dynamic	-	
26	-	-	Dynamic	-	
27	-	-	Dynamic	-	
28	-	-	Dynamic	-	

Scan   Save

4.3.5 Port Limit

Ingress & Egress Port Settings

Rate Limit > Ingress & Egress Port Settings

This page allows you to set ingress port monitoring.

Port Configuration >> Port Limit			
Port	Ingress(KB)	Egress(KB)	Operating
28	0	0	
27	0	0	
26	0	0	
25	0	0	
24	0	0	
23	0	0	
22	0	0	
21	0	0	
20	0	0	
19	0	0	
18	0	0	
17	0	0	
16	0	0	
15	0	0	
14	0	0	
13	0	0	
12	0	0	
11	0	0	
10	0	0	
9	0	0	
8	0	0	
7	0	0	
6	0	0	
5	0	0	
4	0	0	
3	0	0	
2	0	0	
1	0	0	

Save

4.3.6 Storm Control

Port Configuration > Storm Control

Port	Unknown Unicast(KBPS)	Multicast(KBPS)	Broadcasting(KBPS)	Operating
28	0	0	0	
27	0	0	0	
26	0	0	0	
25	0	0	0	
24	0	0	0	
23	0	0	0	
22	0	0	0	
21	0	0	0	
20	0	0	0	
19	0	0	0	
18	0	0	0	
17	0	0	0	
16	0	0	0	
15	0	0	0	
14	0	0	0	
13	0	0	0	
12	0	0	0	
11	0	0	0	
10	0	0	0	
9	0	0	0	
8	0	0	0	
7	0	0	0	
6	0	0	0	
5	0	0	0	
4	0	0	0	
3	0	0	0	
2	0	0	0	
1	0	0	0	

Save

Port: Select ports.

Type Enable: Select the type of storm control.

- Broadcast: Broadcast packet.
- Unknown Multicast: Unknown multicast packet State.
- Unknown Uncast: Unknown uncast packet.

Rate: Value of storm control rate. Unit: PPS (packet per-second) or Kbps (Kbits per-second) depends on global mode setting. The range is from 0 to 1000000.

4.4 Port Security

4.4.1 Port Grouping

Security> Port Grouping

Port security can set port isolation and specific behavior.

Port Configuration >> Port Grouping			
NO.	Group Members	Remarks	Operating
1	1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20...	-	✎ ✖

Save   ➕

4.5 VLAN Configuration

4.5.1 802.1Q VLAN

VLAN Configuration > VLAN List

VLAN Configuration >> VLAN List				
VLAN	All Member	Untagged Member	VLAN Name	Operating
1	1-28	1-28	VLAN1	

Save   ➕

4.5.2 PVID

VLAN ID for the selected ports:

VLAN Configuration >> PVID		
Port	Pvid	Operating
1	1	
2	1	
3	1	
4	1	
5	1	
6	1	
7	1	
8	1	
9	1	
10	1	
11	1	
12	1	
13	1	
14	1	
15	1	
16	1	
17	1	
18	1	
19	1	
20	1	
21	1	
22	1	
23	1	
24	1	
25	1	
26	1	
27	1	
28	1	

Save

4.6.POE Configuration

4.6.1. PoE Global Setting

PoE Configuration > PoE Global Setting

This page is used to check PoE Status. You can set max available power here.

Max Available Power: Switch configuration can provide maximum power.

System Operation Status： Display POE operation status on or off.

Main Power Consumption: Configure main power consumption.

4.6.2 Power Priority

POE Configuration >> Power Priority	
Power Supply port	○ Critical ○ High ● Low
Port1	○ Critical ○ High ● Low
Port2	○ Critical ○ High ● Low
Port3	○ Critical ○ High ● Low
Port4	○ Critical ○ High ● Low
Port5	○ Critical ○ High ● Low
Port6	○ Critical ○ High ● Low
Port7	○ Critical ○ High ● Low
Port8	○ Critical ○ High ● Low
Port9	○ Critical ○ High ● Low
Port10	○ Critical ○ High ● Low
Port11	○ Critical ○ High ● Low
Port12	○ Critical ○ High ● Low
Port13	○ Critical ○ High ● Low
Port14	○ Critical ○ High ● Low
Port15	○ Critical ○ High ● Low
Port16	○ Critical ○ High ● Low
Port17	○ Critical ○ High ● Low
Port18	○ Critical ○ High ● Low
Port19	○ Critical ○ High ● Low
Port20	○ Critical ○ High ● Low
Port21	○ Critical ○ High ● Low
Port22	○ Critical ○ High ● Low
Port23	○ Critical ○ High ● Low
Port24	○ Critical ○ High ● Low

Save

4.6.3 Power Supply

POE Configuration > Power Supply

POE Configuration >> Power Supply		
All	⦿ Turn on the power	○ Turn off the power
Port1	⦿ Turn on the power	○ Turn off the power
Port2	⦿ Turn on the power	○ Turn off the power
Port3	⦿ Turn on the power	○ Turn off the power
Port4	⦿ Turn on the power	○ Turn off the power
Port5	⦿ Turn on the power	○ Turn off the power
Port6	⦿ Turn on the power	○ Turn off the power
Port7	⦿ Turn on the power	○ Turn off the power
Port8	⦿ Turn on the power	○ Turn off the power
Port9	⦿ Turn on the power	○ Turn off the power
Port10	⦿ Turn on the power	○ Turn off the power
Port11	⦿ Turn on the power	○ Turn off the power
Port12	⦿ Turn on the power	○ Turn off the power
Port13	⦿ Turn on the power	○ Turn off the power
Port14	⦿ Turn on the power	○ Turn off the power
Port15	⦿ Turn on the power	○ Turn off the power
Port16	⦿ Turn on the power	○ Turn off the power
Port17	⦿ Turn on the power	○ Turn off the power
Port18	⦿ Turn on the power	○ Turn off the power
Port19	⦿ Turn on the power	○ Turn off the power
Port20	⦿ Turn on the power	○ Turn off the power
Port21	⦿ Turn on the power	○ Turn off the power
Port22	⦿ Turn on the power	○ Turn off the power
Port23	⦿ Turn on the power	○ Turn off the power
Port24	⦿ Turn on the power	○ Turn off the power

Save

4.6.4 Power Limitation

POE Configuration > Power Limitation

1	10000		
2	**10000**		
3	10000		
4	10000		
5	10000		
6	10000		
7	10000		
8	10000		
9	10000		
10	10000		
11	10000		
12	10000		
13	10000		
14	10000		
15	10000		
16	10000		
17	10000		
18	10000		
19	10000		
20	10000		
21	10000		
22	10000		
23	10000		
24	10000		

Save

4.6.5 PoE Status

This page is used to check POE Status.

POE Configuration >> POE Status				
Port	Power Status	Voltage(V)	Current(mA)	Power(mW)
1	Turned on	0	0	0
2	Turned on	0	0	0
3	Turned on	0	0	0
4	Turned on	0	0	0
5	Turned on	0	0	0
6	Turned on	0	0	0
7	Turned on	0	0	0
8	Turned on	0	0	0
9	Turned on	0	0	0
10	Turned on	0	0	0
11	Turned on	0	0	0
12	Turned on	0	0	0
13	Turned on	0	0	0
14	Turned on	0	0	0
15	Turned on	0	0	0
16	Turned on	0	0	0
17	Turned on	0	0	0
18	Turned on	0	0	0
19	Turned on	0	0	0
20	Turned on	0	0	0
21	Turned on	0	0	0
22	Turned on	0	0	0
23	Turned on	0	0	0
24	Turned on	0	0	0

Turned on: 24   Total Power: 0.00 W

4.7 System Settings

4.7.1 Quick Settings

welcome ...

System Settings >> Quick Settings	
Hostname	switch
IP Address	192.168.2.1
Netmask	255.255.255.0
Default Gateway	
Primary DNS Server	0.0.0.0
Secondary DNS Server	0.0.0.0

Save

4.7.2 Web Management

System Settings > WEB Management

System Settings >> WEB management Settings	
Hostname	switch
* WEB Service Port	80
* WEB Timeout	30 minutes

Save

4.7.3 Administrator

System Settings > Administrator

System Settings >> Administrator Settings		
User Name	Privilege	Operating
admin	Administrator Permissions	✎

4.7.4 System Config

4.7.4.1 Restore Factory

Click Restore configuration to restore the switch to its factory default state and reset all settings.
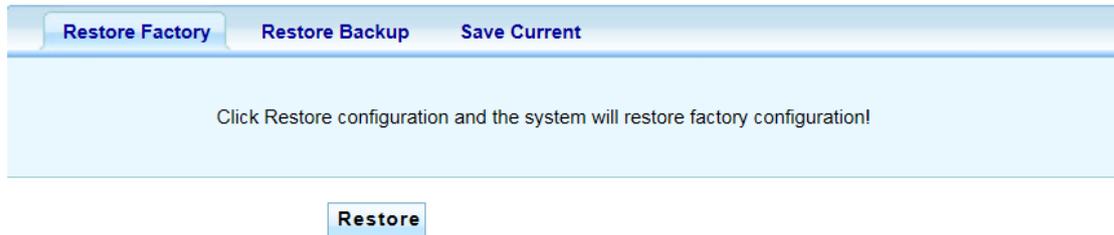
Restore Factory	Restore Backup	Save Current

Click Restore configuration and the system will restore factory configuration!

Restore

4.7.4.2 Restore Backup
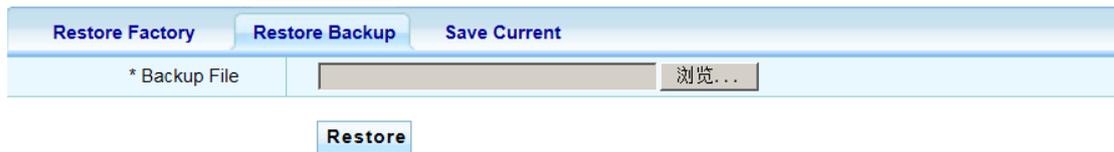
Restore Factory	Restore Backup	Save Current
* Backup File		浏览...

Restore

4.7.4.3 Save Current

Click Save to download all system configuration files.
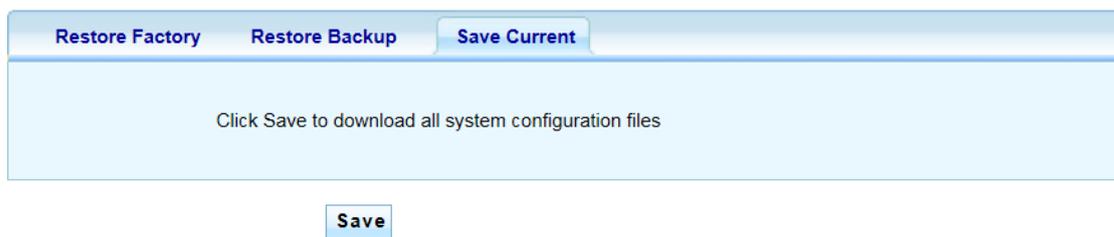
Restore Factory	Restore Backup	Save Current

Click Save to download all system configuration files

Save

4.7.5 Firmware Upgrade

System setting> Firmware Upgrade

This page allow you to upgrade to new firmware file from a remote TFTP server or from local storage.

4.7.6 System Time

System Settings > System Time

Set time zone and time services such as automatic daylight savings synchronization.

4.7.7 Reboot

System setting > Reboot

Reboot the switch by clicking the "Reboot" button.

4.8 System log

4.8.1 Event Log

System Log > Event Log

Time	Level	Message
2015-06-08 14:02:50	Warning	HTTP:Administrator admin login from 192.168.2.3.Result:Accepted.
2015-06-08 11:54:44	Info	HTTP:The administrator admin at 192.168.2.3 updated POE configuration.
2015-06-08 10:34:34	Warning	HTTP:Administrator admin login from 192.168.2.3.Result:Accepted.
2015-06-08 10:25:49	Warning	HTTP:Administrator admin login from 192.168.2.3.Result:Accepted.
2015-06-08 10:18:19	Warning	HTTP:Administrator admin login from 192.168.2.3.Result:Accepted.
2015-06-05 16:47:56	Warning	HTTP:Administrator admin login from 192.168.2.123.Result:Accepted.
2015-06-05 16:45:59	Warning	HTTP:Administrator admin login from 192.168.169.123.Result:Accepted.
2015-04-14 16:35:07	Warning	HTTP:Administrator admin login from 192.168.169.167.Result:Accepted.
2015-04-14 16:34:52	Warning	HTTP:Administrator admin login from 192.168.169.167.Result:Accepted.
2015-04-03 10:06:46	Warning	HTTP:Administrator admin login from 192.168.169.167.Result:Accepted.
2015-04-03 10:00:54	Warning	HTTP:Administrator admin login from 192.168.169.167.Result:Accepted.

Level: All   total 11   Page Size 15   Page No. 1 / 1   Refresh First Prev Next Last Clear Export   Goto 1

4.8.2 Alarm Log

System Log > Alarm Log

This page is used to configure alarm groups.

Time	Level	Message
2015-06-05 16:50:11	Fatal	HTTP:The administrator admin restarted the system.
2015-06-05 16:50:00	Fatal	HTTP:The administrator admin upgrade successful.
2015-06-05 16:46:44	Fatal	HTTP:The administrator admin restarted the system.
2015-06-05 16:46:36	Fatal	HTTP:The administrator admin upgrade successful.
2015-04-03 10:02:39	Fatal	HTTP:The administrator admin upgrade successful.

Level: All   total 5   Page Size 15   Page No. 1 / 1   Refresh First Prev Next Last Clear Export   Goto 1

4.8.3 Security Log

System Log > Security Log

Use the security log page to configure settings for the switch security log.

System Log >> Security Log		
Time	Level	Message

Level: All ▾   total 0   Page Size 15 ▾   Page No. 1 / 1 Refresh First Prev Next Last Clear Export   Goto 1 ▾

4.8.4 Network Log

System Log > Network Log

System Log >> Network Log		
Time	Level	Message

Level: All ▾   total 0   Page Size 15 ▾   Page No. 1 / 1 Refresh First Prev Next Last Clear Export   Goto 1 ▾

4.8.5 Protocol Log

System Log > Protocol Log

welcome ...

System Log >> Protocol Log		
Time	Level	Message

Level: All ▾   total 0   Page Size 15 ▾   Page No. 1 / 1 Refresh First Prev Next Last Clear Export   Goto 1 ▾

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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.

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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..

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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.

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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.

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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: GS-5424PLG   PoE Web Smart Switch

    Model No.: GS-5424PLG

The following European standards for essential requirements have been followed:

EMC	:	EN55022:2010
		EN55024:2010
Safety (LVD)	:	EN61000-3-2:2006+A1:2009+A2:2009
		EN61000-3-3:2013
		EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011+A2:2013

Edimax Technology Co., Ltd.

No. 3, Wu Chuan 3rd Road,

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New Taipei City, Taiwan

Date of Signature: Jun, 2015

Signature:

Printed Name: Albert Chang

Title: Director

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