



# ALL4806W Rev.B

Smart managed 24 Port Gigabit Switch  
incl. 4 Combo Ports (RJ/SFP)



## User Manual

## ALL4806 Rev.B

### I . Features Overview

- Supports real-time status (link, speed, duplex) of each port
- Supports port setting for enable or disable operation (the 1st port can't be disabled)
- Supports port setting for N-Way or force mode operation
- Supports Broadcast Storm Protection
- Supports Port-bases VLAN
- Supports priority queues for QoS

### II . Configure

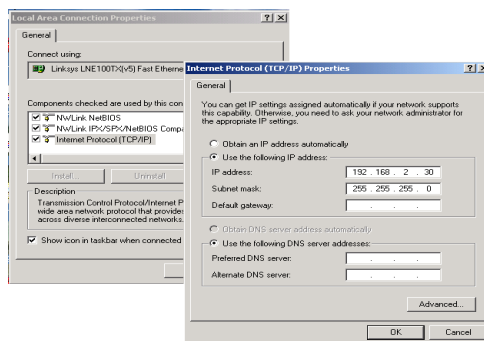
Please follow the steps to configure the ALL4806 Rev.B.

#### Step 1:

Use a twisted pair cable to connect this switch to your PC.

#### Step 2:

Set your PC's IP to 192.168.2.xx.

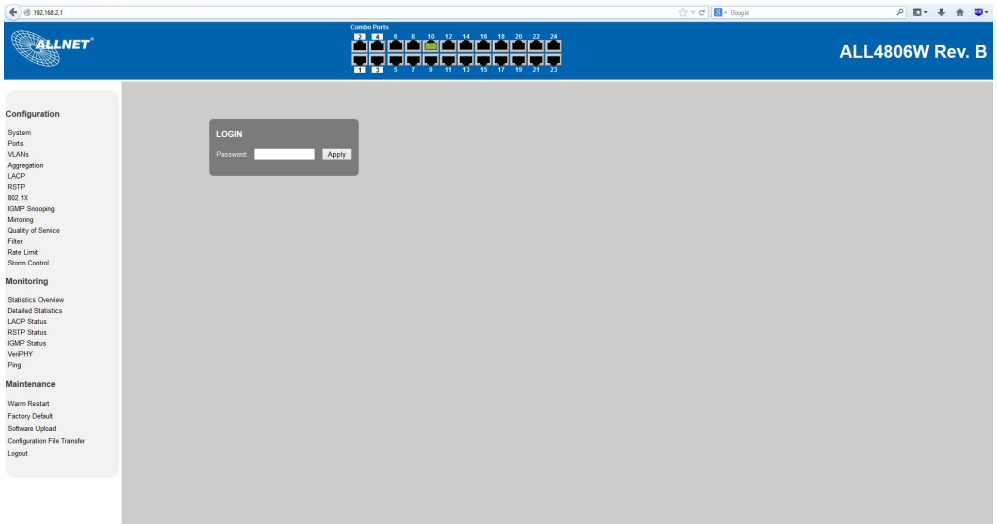


### Step 3:

Open the browser (like IE...) and go to

**http:// 192.168.2.1**

You will see the login screen as below:



Please key in the password to pass the authentication.

**Password: admin**

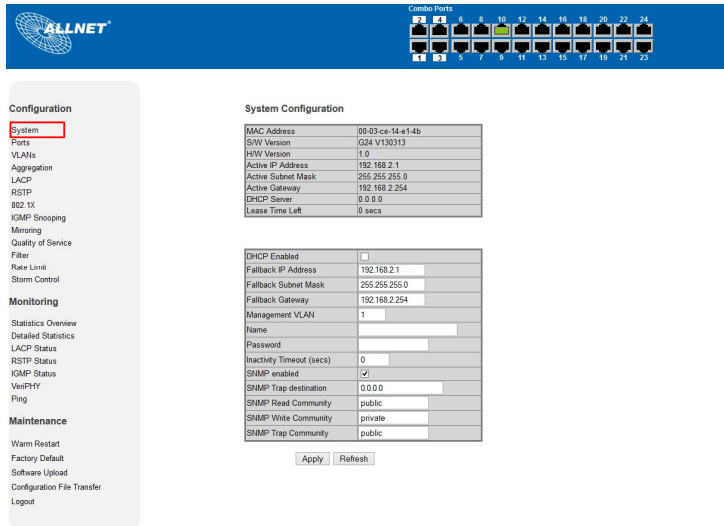
After the authentication procedure, the switch can be used now.

### Step 4:

On the home page, select the configuration by clicking the icon as below:

- **Configuration**
- **Monitoring**
- **Maintenance**
- **Logout**

## Configuration: System Configuration



**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VlanPHY
- Ping

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

**System Configuration**

MAC Address	00-03-ce-14-e1-4b
SW Version	G24 V130313
HW Version	1.0
Active IP Address	192.168.2.1
Active Subnet Mask	255.255.255.0
Active Gateway	192.168.2.254
DHCP Server	0.0.0.0
Lease Time Left	0 secs

DHCP Enabled	<input type="checkbox"/>
Fallback IP Address	192.168.2.1
Fallback Subnet Mask	255.255.255.0
Fallback Gateway	192.168.2.254
Management VLAN	1
Name	
Password	
Inactivity Timeout (secs)	0
SNMP enabled	<input checked="" type="checkbox"/>
SNMP Trap destination	0.0.0.0
SNMP Read Community	public
SNMP Write Community	private
SNMP Trap Community	public

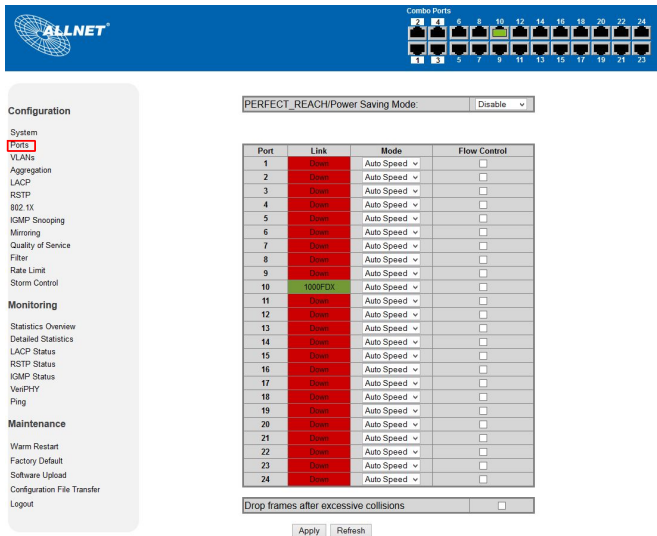
It shows system status, such as: MAC address, system firmware version and so on.

You can change the user name, the password and IP address, and click “Apply” to confirm the new change.

Afterwards, you can reset the switch by turning off and turning on it to take the new private name, the password and IP address effectively.



## Configuration: Port Configuration



Configuration

- System
- PORTS**
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control
- Monitoring
- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VlanPHY
- Ping
- Maintenance
- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

PERFECT\_REACH/Power Saving Mode: Disable

Port	Link	Mode	Flow Control
1	Down	Auto Speed	<input type="checkbox"/>
2	Down	Auto Speed	<input type="checkbox"/>
3	Down	Auto Speed	<input type="checkbox"/>
4	Down	Auto Speed	<input type="checkbox"/>
5	Down	Auto Speed	<input type="checkbox"/>
6	Down	Auto Speed	<input type="checkbox"/>
7	Down	Auto Speed	<input type="checkbox"/>
8	Down	Auto Speed	<input type="checkbox"/>
9	Down	Auto Speed	<input type="checkbox"/>
10	1000FDX	Auto Speed	<input type="checkbox"/>
11	Down	Auto Speed	<input type="checkbox"/>
12	Down	Auto Speed	<input type="checkbox"/>
13	Down	Auto Speed	<input type="checkbox"/>
14	Down	Auto Speed	<input type="checkbox"/>
15	Down	Auto Speed	<input type="checkbox"/>
16	Down	Auto Speed	<input type="checkbox"/>
17	Down	Auto Speed	<input type="checkbox"/>
18	Down	Auto Speed	<input type="checkbox"/>
19	Down	Auto Speed	<input type="checkbox"/>
20	Down	Auto Speed	<input type="checkbox"/>
21	Down	Auto Speed	<input type="checkbox"/>
22	Down	Auto Speed	<input type="checkbox"/>
23	Down	Auto Speed	<input type="checkbox"/>
24	Down	Auto Speed	<input type="checkbox"/>

Drop frames after excessive collisions: ☐

Apply Refresh

You can enable or disable Jumbo Frames by clicking the checking box.

Select the “Port no.” which you want to configure the mode below,

- Auto speed
- enable/disable the port
- 10M/100M/1000M
- full/half-duplex
- enable/disable flow control

## Configuration: VLAN Configuration

The screenshot displays the ALLNET web interface for VLAN Configuration. The header features the ALLNET logo and a 'Combo Ports' status bar showing 24 ports, with ports 2, 4, 10, and 12 highlighted in green. The sidebar on the left contains navigation links under three categories: Configuration, Monitoring, and Maintenance. The 'Configuration' section is expanded, showing options like System, Ports, VLANs (highlighted with a red box), Aggregation, LACP, RSTP, 802.1X, IGMP Snooping, Mirroring, Quality of Service, Filter, Rate Limit, and Storm Control. The 'Monitoring' section includes Statistics Overview, Detailed Statistics, LACP Status, RSTP Status, IGMP Status, VeriPHY, and Ping. The 'Maintenance' section includes Warm Restart, Factory Default, Software Upload, Configuration File Transfer, and Logout. The main content area is titled 'Port Segmentation (VLAN) Configuration' and includes an 'Add a VLAN' section with a 'VLAN ID' input field and an 'Add' button. Below this is a 'VLAN Configuration List' table with one row containing the value '1' and a radio button. At the bottom of the list are buttons for 'Modify', 'Delete', 'Refresh', and 'Port Config'.

**Configuration**

- System
- Ports
- VLANs**
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VeriPHY
- Ping

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

**Port Segmentation (VLAN) Configuration**

Add a VLAN

VLAN ID

Add

VLAN Configuration List

1						
---	--	--	--	--	--	--


Modify Delete Refresh

Port Config


There are 16 VLAN groups.

Select and add a group into “VLAN ID” and then click the port number which you want to put into the selected VLAN group.

# Configuration: Aggregation/Trunk Configuration



Combo Ports



Configuration

System

Ports

VLANs

Aggregation

LACP

RSTP

802.1X

IGMP Snooping

Mirroring

Quality of Service

Filter

Rate Limit

Storm Control

Monitoring

Statistics Overview

Detailed Statistics

LACP Status

RSTP Status

IGMP Status

VenPHY

Ping

Maintenance

Warm Restart

Factory Default

Software Upload

Configuration File Transfer

Logout

Aggregation/Trunking Configuration

Group/Port	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Normal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Group 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group 5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group 6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group 7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Group 8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>


Apply


Refresh

Set up port trunk groups and then click the port number you want to include into the same group.

There are eight groups to choose and the maximum for one group is 24 ports.

## Configuration: LACP Port configuration





**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VeriPHY
- Ping

**Maintenance**



- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

**LACP Port Configuration**

Port	Protocol	Enabled	Key	Value
1		<input type="checkbox"/>	auto	
2		<input type="checkbox"/>	auto	
3		<input type="checkbox"/>	auto	
4		<input type="checkbox"/>	auto	
5		<input type="checkbox"/>	auto	
6		<input type="checkbox"/>	auto	
7		<input type="checkbox"/>	auto	
8		<input type="checkbox"/>	auto	
9		<input type="checkbox"/>	auto	
10		<input type="checkbox"/>	auto	
11		<input type="checkbox"/>	auto	
12		<input type="checkbox"/>	auto	
13		<input type="checkbox"/>	auto	
14		<input type="checkbox"/>	auto	
15		<input type="checkbox"/>	auto	
16		<input type="checkbox"/>	auto	
17		<input type="checkbox"/>	auto	
18		<input type="checkbox"/>	auto	
19		<input type="checkbox"/>	auto	
20		<input type="checkbox"/>	auto	
21		<input type="checkbox"/>	auto	
22		<input type="checkbox"/>	auto	
23		<input type="checkbox"/>	auto	
24		<input type="checkbox"/>	auto	

Select the port number which you want to enable/disable its protocol.

## Configuration: RSTP Configuration



**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP**
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VeriPHY
- Ping

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

**RSTP System Configuration**


System Priority	32768	▼
Hello Time	2	
Max Age	20	
Forward Delay	15	
Force version	Normal	▼


**RSTP Port Configuration**

Port	Protocol Enabled	Edge	Path Cost
<b>Aggregations</b>	<input type="checkbox"/>		
1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
11	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
12	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
13	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
14	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
16	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto
17	<input type="checkbox"/>	<input checked="" type="checkbox"/>	auto

Select the port number which you want to enable/disable its protocol.

## Configuration: 802.1x Configuration



**Combo Ports**  


**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VenPHY
- Ping

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

### 802.1X Configuration

<b>Mode</b>	Disabled ▾
<b>RADIUS IP</b>	0.0.0.0
<b>RADIUS UDP Port</b>	1812
<b>RADIUS Secret</b>	



Port	Admin State	Port State			
1	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
2	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
3	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
4	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
5	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
6	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
7	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
8	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
9	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
10	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
11	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
12	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
13	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
14	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
15	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
16	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
17	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
18	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
19	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
20	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
21	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
22	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
23	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate</a>	<a href="#">Force Reinitialize</a>	<a href="#">Statistics</a>
24	Force Authorized ▾	802.1X Disabled	<a href="#">Re-authenticate All</a>	<a href="#">Force Reinitialize All</a>	<a href="#">Statistics</a>

Parameters

Select the “Port no.” which you want to configure the mode below,

- Auto
- Force Authorized
- Force Unauthorized

## Configuration: IGMP Configuration



**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping**
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VenPHY
- Ping

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

### IGMP Configuration


IGMP Enabled	<input type="checkbox"/>
Router Ports	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12 <input type="checkbox"/> 13 <input type="checkbox"/> 14 <input type="checkbox"/> 15 <input type="checkbox"/> 16 <input type="checkbox"/> 17 <input type="checkbox"/> 18 <input type="checkbox"/> 19 <input type="checkbox"/> 20 <input type="checkbox"/> 21 <input type="checkbox"/> 22 <input type="checkbox"/> 23 <input type="checkbox"/> 24 <input type="checkbox"/>
Unregistered IPMC Flooding enabled	<input checked="" type="checkbox"/>


VLAN ID	IGMP Snooping Enabled	IGMP Querying Enabled
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

You can enable or disable IGMP by clicking the checking box.

Select the “Port no.” which you want to configure the mode.

## Configuration: Port Mirror configuration





**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring**
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VeriPHY
- Ping

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

**Mirroring Configuration**

Port	Mirror Source
1	<input type="checkbox"/>
2	<input type="checkbox"/>
3	<input type="checkbox"/>
4	<input type="checkbox"/>
5	<input type="checkbox"/>
6	<input type="checkbox"/>
7	<input type="checkbox"/>
8	<input type="checkbox"/>
9	<input type="checkbox"/>
10	<input type="checkbox"/>
11	<input type="checkbox"/>
12	<input type="checkbox"/>
13	<input type="checkbox"/>
14	<input type="checkbox"/>
15	<input type="checkbox"/>
16	<input type="checkbox"/>
17	<input type="checkbox"/>
18	<input type="checkbox"/>
19	<input type="checkbox"/>
20	<input type="checkbox"/>
21	<input type="checkbox"/>
22	<input type="checkbox"/>
23	<input type="checkbox"/>
24	<input type="checkbox"/>

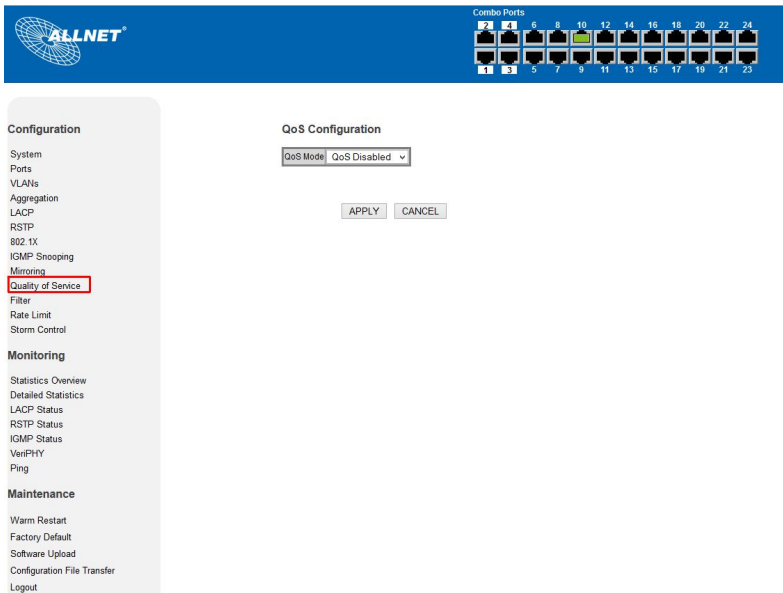
Mirror Port: 1 ▼

Port Mirroring is for mirror the traffic from Source port to Destination port.

Select the Destination port from port 1 to port 24, and then select the Source port by clicking the checking box of each port.



## Configuration: QoS Configuration



ALLNET®

Combo Ports

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

Configuration

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service**
- Filter
- Rate Limit
- Storm Control

Monitoring

- Statistics Overview
- Detailed Statistics
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Maintenance

- Warm Restart
- Factory Default
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- Configuration File Transfer
- Logout


QoS Configuration

QoS Mode QoS Disabled ▾

APPLY CANCEL

You can enable or disable QoS by clicking the checking box. If you enable QoS, you can select the class of service for each port.

# Configuration: Filter Configuration



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

Configuration

System

Ports

VLANs

Aggregation

LACP

RSTP

802.1X

IGMP Snooping

Mirroring

Quality of Service

Filter

Rate Limit

Storm Control

Monitoring

Statistics Overview

Detailed Statistics

LACP Status

RSTP Status

IGMP Status

VeriPHY

Ping

Maintenance

Warm Restart

Factory Default

Software Upload

Configuration File Transfer

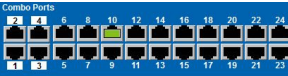

Logout

Filter Configuration

Port	Mode	Source IP Filter		DHCP Server Allowed
		IP Address	IP Mask	
1	Disabled			<input checked="" type="checkbox"/>
2	Disabled			<input checked="" type="checkbox"/>
3	Disabled			<input checked="" type="checkbox"/>
4	Disabled			<input checked="" type="checkbox"/>
5	Disabled			<input checked="" type="checkbox"/>
6	Disabled			<input checked="" type="checkbox"/>
7	Disabled			<input checked="" type="checkbox"/>
8	Disabled			<input checked="" type="checkbox"/>
9	Disabled			<input checked="" type="checkbox"/>
10	Disabled			<input checked="" type="checkbox"/>
11	Disabled			<input checked="" type="checkbox"/>
12	Disabled			<input checked="" type="checkbox"/>
13	Disabled			<input checked="" type="checkbox"/>
14	Disabled			<input checked="" type="checkbox"/>
15	Disabled			<input checked="" type="checkbox"/>
16	Disabled			<input checked="" type="checkbox"/>
17	Disabled			<input checked="" type="checkbox"/>
18	Disabled			<input checked="" type="checkbox"/>
19	Disabled			<input checked="" type="checkbox"/>
20	Disabled			<input checked="" type="checkbox"/>
21	Disabled			<input checked="" type="checkbox"/>
22	Disabled			<input checked="" type="checkbox"/>
23	Disabled			<input checked="" type="checkbox"/>
24	Disabled			<input checked="" type="checkbox"/>

Select the “Port no.” which you want to configure the mode to enable/disable filtering IP address.

# Configuration: Rate Limit Configuration



**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit**
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VeriPHY
- Ping

**Maintenance**


- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout


**Rate Limit Configuration**

Port	Policer	Shaper
1	No Limit ▾	No Limit ▾
2	No Limit ▾	No Limit ▾
3	No Limit ▾	No Limit ▾
4	No Limit ▾	No Limit ▾
5	No Limit ▾	No Limit ▾
6	No Limit ▾	No Limit ▾
7	No Limit ▾	No Limit ▾
8	No Limit ▾	No Limit ▾
9	No Limit ▾	No Limit ▾
10	No Limit ▾	No Limit ▾
11	No Limit ▾	No Limit ▾
12	No Limit ▾	No Limit ▾
13	No Limit ▾	No Limit ▾
14	No Limit ▾	No Limit ▾
15	No Limit ▾	No Limit ▾
16	No Limit ▾	No Limit ▾
17	No Limit ▾	No Limit ▾
18	No Limit ▾	No Limit ▾
19	No Limit ▾	No Limit ▾
20	No Limit ▾	No Limit ▾
21	No Limit ▾	No Limit ▾
22	No Limit ▾	No Limit ▾
23	No Limit ▾	No Limit ▾
24	No Limit ▾	No Limit ▾

Select the “Port no.” which you want to configure the mode of the speed.

## Configuration: Storm Control configuration





**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
  - Storm/Control**

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VenPHY
- Ping

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

**Storm Control Configuration**

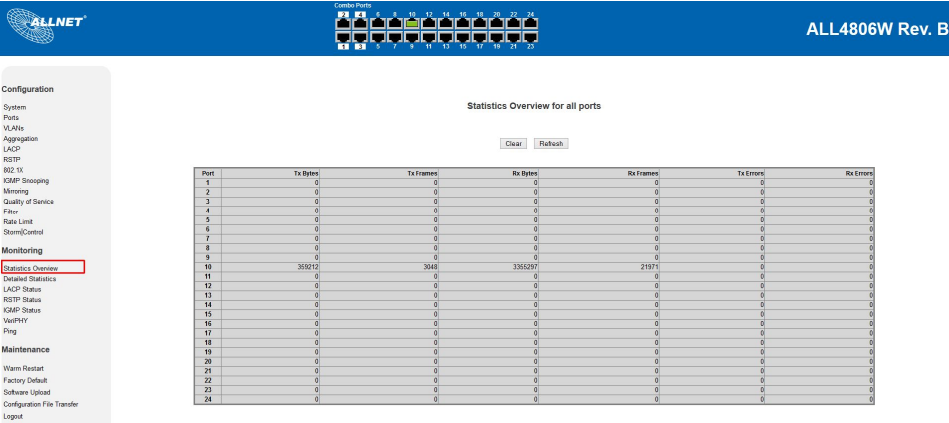
Storm Control	
Number of frames per second	
IGMP Rate	No Limit ▾
Learn Frames Rate	No Limit ▾
Broadcast Rate	No Limit ▾
Multicast Rate	No Limit ▾
Flooded unicast Rate	No Limit ▾

Apply Refr

- 1k
- 2k
- 4k
- 8k
- 16k
- 32k
- 64k
- 128k
- 256k
- 512k
- 1024k
- 2048k
- 4096k
- 8192k
- 16384k
- 32768k
- No Limit**

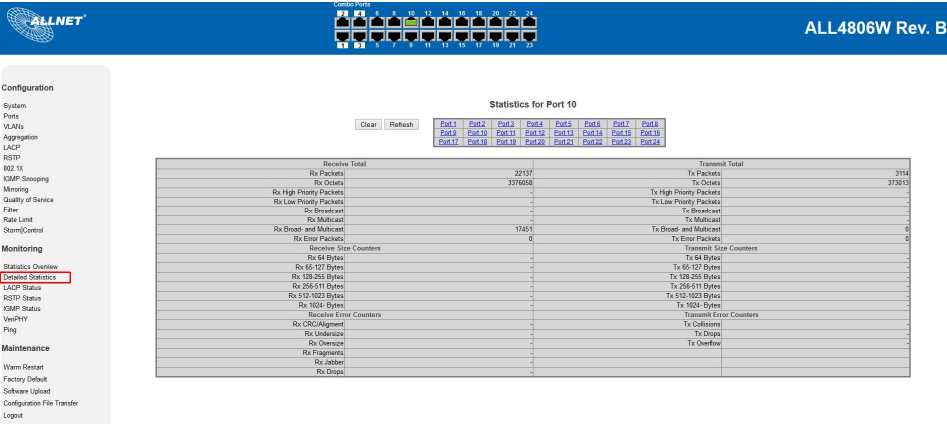
You can set up storm control by configuring the modes.

# Monitoring: Statistics Overview for All Ports



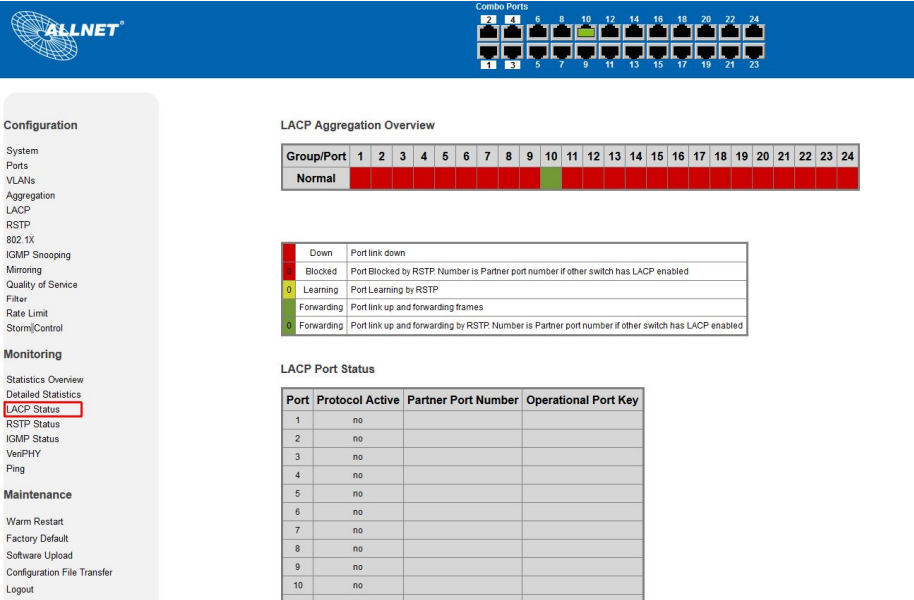
You can read statistics for all ports.

# Monitoring: Detailed Statistics




You can have detailed statistics of each port by clicking the port number.

# Monitoring: LACP Status



You can read LACP status for LACP ports.

# Monitoring: RSTP Status



Combo Ports

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

Configuration

System  
Ports  
VLANs  
Aggregation  
LACP  
RSTP  
802.1X  
IGMP Snooping  
Mirroring  
Quality of Service  
Filter  
Rate Limit  
Storm Control

Monitoring

Statistics Overview  
Detailed Statistics  
LACP Status  
RSTP Status  
IGMP Status  
VeriPHY  
Ping

Maintenance

Warm Restart  
Factory Default  
Software Upload  
Configuration File Transfer  
Logout

RSTP VLAN Bridge Overview

VLAN Id	Bridge Id	Hello Time	Max Age	Fwd Delay	Topology	Root Id
1	327b9-00-03-ce-14-e1-4c	2	20	15	Steady	This switch is Root

RSTP Port Status


Port Group	Vlan Id	Path Cost	Edge Port	P2p Port	Protocol	Port State
Port 1						Non-STP
Port 2						Non-STP
Port 3						Non-STP
Port 4						Non-STP
Port 5						Non-STP
Port 6						Non-STP
Port 7						Non-STP
Port 8						Non-STP
Port 9						Non-STP
Port 10						Non-STP
Port 11						Non-STP
Port 12						Non-STP
Port 13						Non-STP
Port 14						Non-STP
Port 15						Non-STP
Port 16						Non-STP
Port 17						Non-STP
Port 18						Non-STP
Port 19						Non-STP
Port 20						Non-STP
Port 21						Non-STP
Port 22						Non-STP
Port 23						Non-STP
Port 24						Non-STP

Refresh

You can read RSTP status for RSTP ports.



# Monitoring: IGMP Status



Combo Ports

24

2

4

6

8

10

12

14

16

18

20

22

24

1

3

5

7

9

11

13

15

17

19

21

23

Configuration

System

Ports

VLANs

Aggregation

LACP

RSTP

802.1X

IGMP Snooping

Mirroring

Quality of Service

Filter

Rate Limit

Storm Control

Monitoring

Statistics Overview

Detailed Statistics

LACP Status

RSTP Status

IGMP Status

VenPHY

Ping

Maintenance

Warm Restart

Factory Default

Software Upload

Configuration File Transfer

Logout


IGMP Status

VLAN ID	Querier	Queries transmitted	Queries received	v1 Reports	v2 Reports	v3 Reports	v2 Leaves
1	Idle	0	0	0	0	0	0

Refresh

You can read IGMP status for IGMP ports.

# Monitoring: VeriPHY Cable Diagnostics



Combo Ports

0

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

Configuration

System

Ports

VLANs

Aggregation

LACP

RSTP

802.1X

IGMP Snooping

Mirroring

Quality of Service

Filter

Rate Limit

Storm Control

Monitoring

Statistics Overview

Detailed Statistics

LACP Status

RSTP Status

IGMP Status

VeriPHY

Ping

Maintenance

Warm Restart

Factory Default

Software Upload

Configuration File Transfer

Logout

VeriPHY Cable Diagnostics

Port

Port 1

Mode

Full



Apply

Cable Status

Pair	Length [m]	Status
A	-	-
B	-	-
C	-	-
D	-	-

You can read VeriPHY cable status for all ports which you want to check by clicking the port number and the mode.

## Monitoring: Ping Parameters



**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VeriPHY
- Ping**

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

**Ping Parameters**

Target IP address	
Count	1
Time Out (in secs)	1

Apply

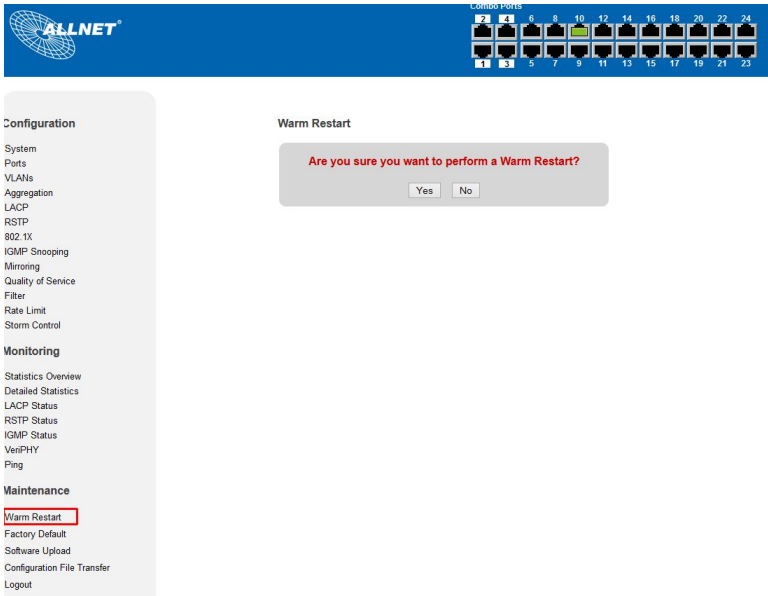
**Ping Results**

Target IP address	0.0.0.0
Status	Test complete
Received replies	0
Request timeouts	0
Average Response Time (in ms)	0

Refresh

You can set target IP address by setting the mode which you want.

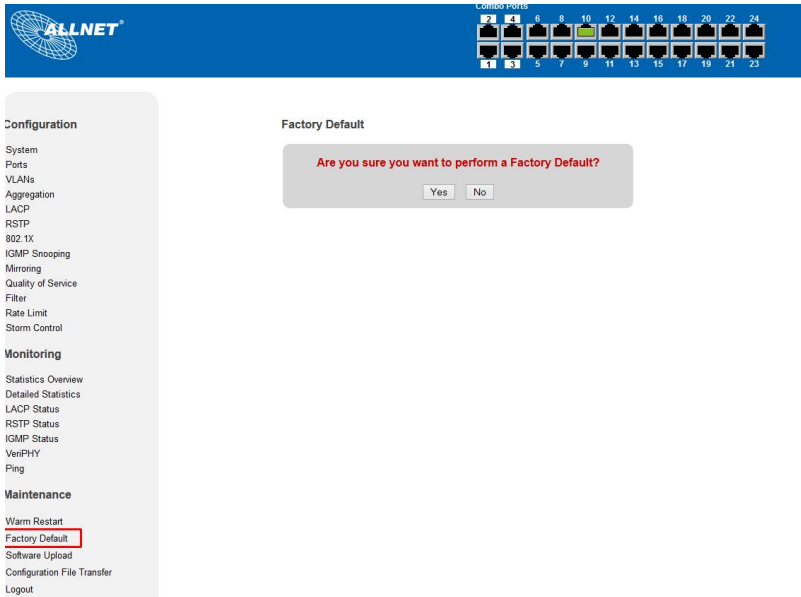
## Monitoring: Warm Restart



The screenshot displays the ALLNET web interface. At the top, there is a blue header bar with the ALLNET logo on the left and a row of 24 port status icons on the right, labeled 'Combo Ports' with numbers 1 through 24. Below the header, the main content area is divided into two sections. On the left is a sidebar menu with three main categories: 'Configuration' (containing System, Ports, VLANs, Aggregation, LACP, RSTP, 802.1X, IGMP Snooping, Mirroring, Quality of Service, Filter, Rate Limit, and Storm Control), 'Monitoring' (containing Statistics Overview, Detailed Statistics, LACP Status, RSTP Status, IGMP Status, VeriPHY, and Ping), and 'Maintenance' (containing Warm Restart, Factory Default, Software Upload, Configuration File Transfer, and Logout). The 'Warm Restart' option in the Maintenance section is highlighted with a red rectangular border. On the right side of the main content area, the title 'Warm Restart' is displayed above a grey dialog box. The dialog box contains the red text question 'Are you sure you want to perform a Warm Restart?' and two buttons: 'Yes' and 'No'.

You can select yes/no to do the warm restart, and then the new settings will change according to your selection.

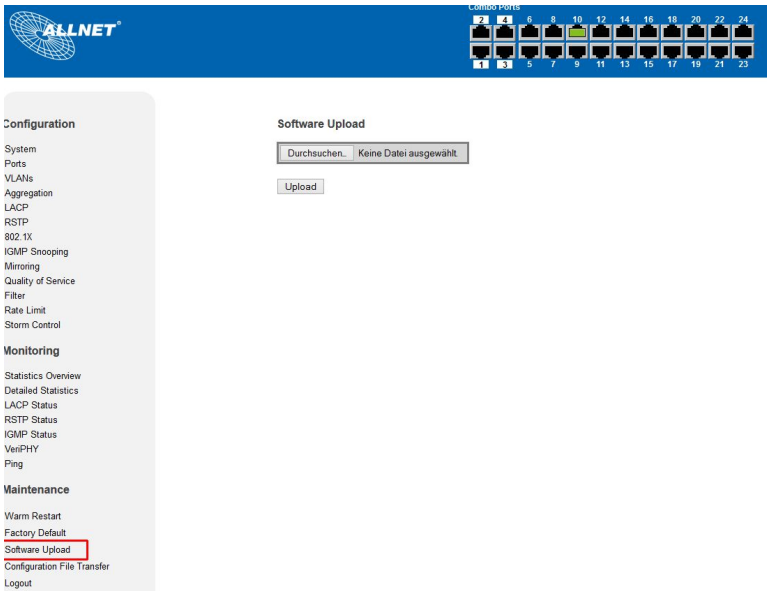
## Maintenance: Factory Default



The screenshot displays the ALLNET web interface. At the top, there is a blue header bar with the ALLNET logo on the left and a 'Combo Ports' status indicator on the right, showing 24 ports with status icons. Below the header, the main content area is divided into two sections. On the left is a sidebar menu with categories: 'Configuration' (containing System, Ports, VLANs, Aggregation, LACP, RSTP, 802.1X, IGMP Snooping, Mirroring, Quality of Service, Filter, Rate Limit, and Storm Control), 'Monitoring' (containing Statistics Overview, Detailed Statistics, LACP Status, RSTP Status, IGMP Status, VeriPHY, and Ping), and 'Maintenance' (containing Warm Restart, Factory Default, Software Upload, Configuration File Transfer, and Logout). The 'Factory Default' option under Maintenance is highlighted with a red border. On the right, the 'Factory Default' page is active, displaying a confirmation dialog with the text 'Are you sure you want to perform a Factory Default?' and two buttons: 'Yes' and 'No'.

You can select yes/no to perform a Factory Default, and then the new settings will change according to your selection.

## Maintenance: Software Upload



Follow the instruction on the screen to upload the new software.

## Maintenance: Configuration Upload

**Configuration**

- System
- Ports
- VLANs
- Aggregation
- LACP
- RSTP
- 802.1X
- IGMP Snooping
- Mirroring
- Quality of Service
- Filter
- Rate Limit
- Storm Control

**Monitoring**

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VeriPHY
- Ping

**Maintenance**

- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer**
- Logout

**Configuration Upload**

**Configuration Download**

Follow the instruction on the screen to upload and download the configuration.

## Logout

## **When you forgot your IP or password, please use the reset button for the factory default setting?**

Please take the following steps to reset the ALL4806 Rev.B  
back to the original default:

### **Step 1:**

Turn on the ALL4806 Rev.B

### **Step 2:**

Press and hold the reset button continuously for 15 seconds  
and release the reset button.

### **Step 3:**

The switch will reboot for 20 seconds and the configuration  
of switch will back to the default setting.

A screenshot of a web-based login interface. At the top, the text "Please enter password to login" is displayed in a bold, dark blue font. Below this text is a login form with a label "Password:" in a grey box, followed by a white text input field. At the bottom left of the form is a grey button with the text "Apply" in white.

Key in the password to pass the authentication; the user  
password is "admin".

**IP: 192.168.2.1**

**Password: admin**





## CE-Declaration of Conformity

For the following equipment:

Germering, 1st of April, 2014

### Smart Managed 24 Port Gigabit Switch

## ALL4806W Rev.B



The safety advice in the documentation accompanying the products shall be obeyed.  
The conformity to the above directive is indicated by the CE sign on the device.

The ALLNET ALL4806 Rev.B conforms to the Council Directives of 2004/108/EC.

This equipment meets the following conformance standards:

*EN55022:2010: Class A*

*IEC61000-3-2:2005+A1:2008+A2:2009*

*IEC61000-3-3:2008*

*EN55024:2010*

*IEC61000-4-2:2008*

*IEC61000-4-3:2006 | A1:2007 | A2:2010*

*IEC61000-4-4:2004 | A1:2010 | IEC61000-4-5:2005*

*IEC61000-4-6:2008*

*IEC61000-4-8:2009*

*IEC61000-4-11:2004*

This equipment is intended to be operated in all countries.

This declaration is made by

ALLNET GmbH Computersysteme

Maistraße 2

82110 Germering

Germany

Germering, 01.04.2014

  
Wolfgang Marcus Bauer  
CEO

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Please direct all inquiries to:

Email:

[support@allnet.de](mailto:support@allnet.de)

Snail Mail:  
ALLNET GmbH  
Maistraße 2  
82110 Germering

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