

24 Port Nway Gigabit Ethernet Web Smart Switch

User's Manual

Web Smart Switch

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

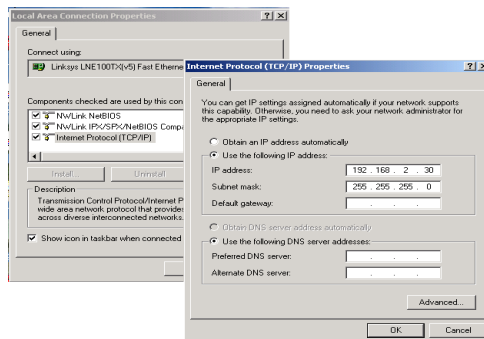
Please follow the steps to configure this Web Smart switch.

Step 1:

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

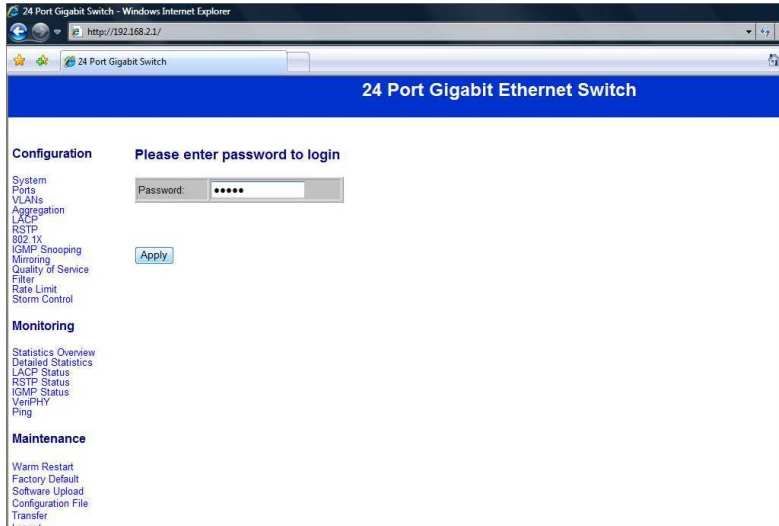
Step 2:

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](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

The screenshot shows a web browser window titled "24 Port Gigabit Switch - Windows Internet Explorer" with the address bar displaying "http://192.168.2.1/". The page header is "24 Port Gigabit Ethernet Switch". The main content area is divided into two sections: "Configuration" and "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-07-06-40
S/W Version	Luton24 2.34d
H/W Version	1.0
Temperature	0 °C
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	<input type="text" value="192.168.2.1"/>
Fallback Subnet Mask	<input type="text" value="255.255.255.0"/>
Fallback Gateway	<input type="text" value="192.168.2.254"/>
Management VLAN	<input type="text" value="1"/>
Name	<input type="text"/>
Password	<input type="password"/>

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 user name, the password and IP address effectively.

Configuration: Port Configuration

The screenshot shows the web interface of a 24 Port Gigabit Ethernet Switch. The browser window is titled "24 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page has a blue header with the title "24 Port Gigabit Ethernet Switch".

On the left, there is a navigation menu with the following items:

- 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

The main content area is titled "Port Configuration" and contains the following settings:

- Enable Jumbo Frames**: ☐
- PERFECT_REACH/Power Saving Mode**: Disable

Below these settings is a table with 4 columns: Port, Link, Mode, and Flow Control.

Port	Link	Mode	Flow Control
1	Down	Auto Speed	<input type="checkbox"/>
2	Down	Auto Speed	<input type="checkbox"/>
3	1000FDX	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"/>

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 shows a web browser window titled "24 Port Gigabit Switch - Windows Internet Explorer" with the address bar displaying "http://192.168.2.1/". The page header is "24 Port Gigabit Ethernet Switch".

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

Port Segmentation (VLAN) Configuration

Add a VLAN

VLAN ID

VLAN Configuration List

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

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

The screenshot shows a web interface for a 24 Port Gigabit Ethernet Switch. The browser address bar shows <http://192.168.2.1/>. The page title is "24 Port Gigabit Ethernet Switch".

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
- VenPKY
- Ping

Maintenance

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

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 type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group 2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group 4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group 6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group 7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Group 8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

The screenshot shows a web browser window titled "24 Port Gigabit Switch - Windows Internet Explorer" with the address bar displaying "http://192.168.2.1/". The page header is "24 Port Gigabit Ethernet Switch". The main content area is titled "Configuration" and "LACP Port Configuration". On the left, there is a navigation menu with the following items: System, Ports, VLANs, Aggregation, LACP (highlighted in red), 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, VerrPHY, Ping, Maintenance, Warm Restart, Factory Default, Software Upload, Configuration File, and Transfer. The main content area displays a table with the following columns: Port, Protocol Enabled, and Key Value. The table lists ports 1 through 15, each with a checkbox for "Protocol Enabled" and a text box for "Key Value" set to "auto".

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

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

Configuration: RSTP Configuration

24 Port Gigabit Switch - Windows Internet Explorer

http://192.168.2.1/

24 Port Gigabit Switch

24 Port Gigabit Ethernet Switch

Configuration

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

RSTP System Configuration

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

Monitoring

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

Maintenance

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

RSTP Port Configuration

Port	Protocol Enabled	Edge	Path Cost
Aggregations	<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

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

Configuration: 802.1x Configuration

The screenshot shows a web interface for a "24 Port Gigabit Ethernet Switch". The page title is "24 Port Gigabit Ethernet Switch". The main content area is titled "802.1X 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
VrrPv1
Ping

Maintenance

Warm Restart
Factory Default
Software Upload
Configuration File
Transfer

802.1X Configuration

Mode: Disabled ▼

RADIUS IP: 0.0.0.0

RADIUS UDP Port: 1812

RADIUS Secret:

Port	Admin State	Port State			
1	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
2	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
3	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
4	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
5	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
6	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
7	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
8	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
9	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
10	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics
11	Force Authorized ▼	802.1X Disabled	Re-authenticate	Force Reinitialize	Statistics

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

- Auto
- Force Authorized
- Force Unauthorized

Configuration: IGMP Configuration

The screenshot shows a web browser window titled "24 Port Gigabit Switch - Windows Internet Explorer" with the address bar displaying "http://192.168.2.1/". The page header is "24 Port Gigabit Ethernet Switch".

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
- VenPMY
- Ping

Maintenance

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

IGMP Configuration

IGMP Enabled ☐

Router 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

Unregistered IPMC Flooding enabled ☒

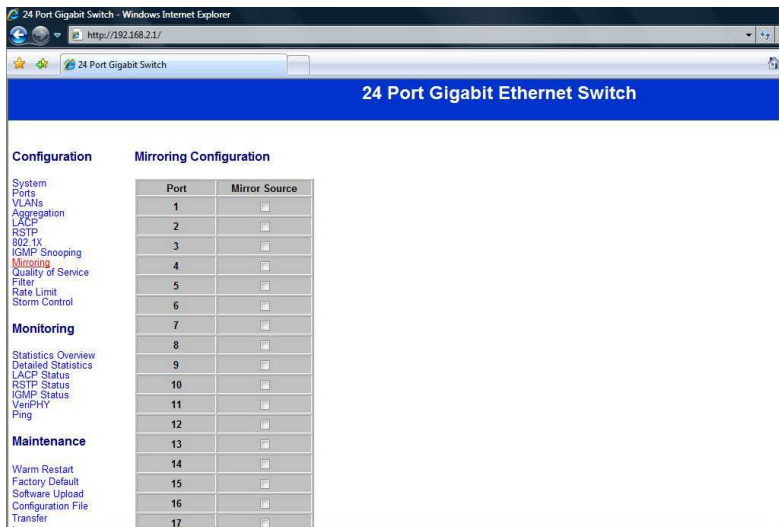
VLAN ID	IGMP Snooping Enabled	IGMP Querying Enabled
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Apply Refresh

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

Select the "Port no." which you want to configure the mode.

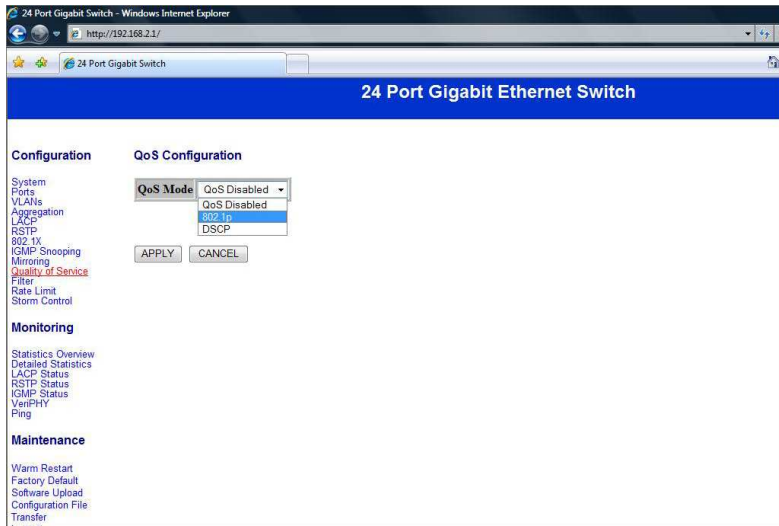
Configuration: Port Mirror configuration



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



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

24 Port Gigabit Switch - Windows Internet Explorer

http://192.168.2.1/

24 Port Gigabit Switch

24 Port Gigabit Ethernet Switch

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

Filter Configuration

Port	Source IP Filter			DHCP Server Allowed
	Mode	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"/>

Monitoring
Statistics Overview
Detailed Statistics
LACP Status
RSTP Status
IGMP Status
VrrPv1
Ping

Maintenance
Warm Restart
Factory Default
Software Upload
Configuration File Transfer

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

Configuration: Rate Limit Configuration

The screenshot shows a web browser window titled "24 Port Gigabit Switch - Windows Internet Explorer" with the address bar displaying "http://192.168.2.1/". The page header is "24 Port Gigabit Ethernet Switch". The main content area is titled "Rate Limit Configuration". On the left, there is a navigation menu with the following items: Configuration, Monitoring, and Maintenance. Under Configuration, there are links for System, Ports, VLANs, Aggregation, LACP, RSTP, 802.1X, GMP Snooping, Mirroring, Quality of Service, Filter, Rate Limit (highlighted in red), and Storm Control. Under Monitoring, there are links for Statistics Overview, Detailed Statistics, RSTP Status, GMP Status, and VlanPHY. Under Maintenance, there are links for Warm Restart, Factory Default, Software Upload, Configuration File, and Transfer. The main table has three columns: Port, Policer, and Shaper. The table contains 16 rows, each representing a port from 1 to 16. Each row has a "Port" column with the port number, a "Policer" column with a "No Limit" dropdown menu, and a "Shaper" column with a "No Limit" dropdown menu.

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 ▼

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

Configuration: Storm Control configuration

The screenshot shows a web browser window titled "24 Port Gigabit Switch - Windows Internet Explorer" with the address bar displaying "http://192.168.2.1/". The page header is "24 Port Gigabit Ethernet Switch". The main content area is titled "Storm Control Configuration". On the left, there is a "Configuration" menu with links: System, Ports, VLANs, Aggregation, LACP, RSTP, 802.1X, IGMP Snooping, Mirroring, Quality of Service, Filter, Rate Limit, and Storm Control (highlighted). Below this is a "Monitoring" section with links: Statistics Overview, Detailed Statistics, LACP Status, RSTP Status, IGMP Status, VlanPHY, and Ping. At the bottom is a "Maintenance" section with links: Warm Restart, Factory Default, Software Upload, Configuration File, and Transfer. The "Storm Control Configuration" table has a header "Storm Control" and "Number of frames per second". It contains five rows: ICMP Rate, Learn Frames Rate, Broadcast Rate, Multicast Rate, and Flooded unicast Rate. Each row has a dropdown menu set to "No Limit". The "Flooded unicast Rate" dropdown is open, showing a list of values: 1k, 2k, 4k, 8k, 16k, 32k, 64k, 128k, 256k, 512k, 1024k, 2048k, 4096k, 8192k, 16384k, 32768k, and No Limit. Below the table are "Apply" and "Refresh" buttons.

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

Apply Refresh

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

24 Port Gigabit Switch - Windows Internet Explorer
http://192.168.2.1/

24 Port Gigabit Ethernet Switch

Statistics Overview for all 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](#)
- [VrrPvHY](#)
- [Ping](#)

Maintenance

- [Warm Restart](#)
- [Factory Default](#)
- [Software Upload](#)
- [Configuration File Transfer](#)

Port	Tx Bytes	Tx Frames	Rx Bytes	Rx Frames	Tx Errors	Rx Errors
1	0	0	0	0	0	0
2	0	0	0	0	0	0
3	0	0	0	0	0	0
4	98880	207	63304	539	0	0
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	0	0	0	0	0	0
8	0	0	0	0	0	0
9	0	0	0	0	0	0
10	0	0	0	0	0	0
11	0	0	0	0	0	0
12	0	0	0	0	0	0
13	0	0	0	0	0	0
14	0	0	0	0	0	0
15	0	0	0	0	0	0
16	0	0	0	0	0	0

You can read statistics for all ports.

Monitoring: Detailed Statistics

24 Port Gigabit Switch - Windows Internet Explorer

http://192.168.2.1/

24 Port Gigabit Switch

24 Port Gigabit Ethernet Switch

Statistics for Port 1

Configuration

System
Ports
VLANs
Aggregation
LACP
RSTP
802.1x
IGMP Snooping
Mirroring
Quality of Service
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Storm Control

Monitoring

Statistics Overview
Detailed Statistics
LACP Status
RSTP Status
IGMP Status
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Ping

Maintenance

Warm Restart
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Transfer

Clear Refresh

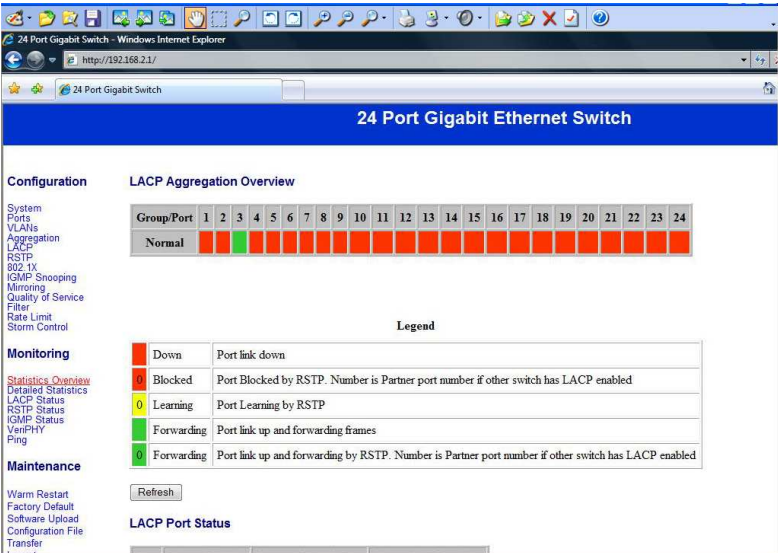
Port 1	Port 2	Port 3	Port 4	Port 5	Port 6	Port 7	Port 8
Port 10	Port 11	Port 12	Port 13	Port 14	Port 15	Port 16	Port 17
Port 18	Port 19	Port 20	Port 21	Port 22	Port 23	Port 24	

Receive Total		Transmit Total	
Rx Packets	0	Tx Packets	0
Rx Octets	0	Tx Octets	0
Rx High Priority Packets	-	Tx High Priority Packets	-
Rx Low Priority Packets	-	Tx Low Priority Packets	-
Rx Broadcast	-	Tx Broadcast	-
Rx Multicast	-	Tx Multicast	-
Rx Broad- and Multicast	0	Tx Broad- and Multicast	0
Rx Error Packets	0	Tx Error Packets	0

Receive Size Counters		Transmit Size Counters	
Rx 64 Bytes	-	Tx 64 Bytes	-
Rx 65-127 Bytes	-	Tx 65-127 Bytes	-
Rx 128-255 Bytes	-	Tx 128-255 Bytes	-
Rx 256-511 Bytes	-	Tx 256-511 Bytes	-

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

24 Port Gigabit Switch - Windows Internet Explorer

http://192.168.2.1/

24 Port Gigabit Switch

24 Port Gigabit Ethernet Switch

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

RSTP VLAN Bridge Overview

VLAN Id	Bridge Id	Hello Time	Max Age	Fwd Delay	Topology	Root Id
1	32769:00-03-ce-07-06-f1	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

You can read RSTP status for RSTP ports.

Monitoring: IGMP Status

The screenshot shows a web browser window titled "24 Port Gigabit Switch - Windows Internet Explorer" with the address bar displaying "http://192.168.2.1/". The page title is "24 Port Gigabit Ethernet Switch". The main content area is divided into three sections: Configuration, Monitoring, and Maintenance. The Configuration section is active, showing the IGMP Status page. The IGMP Status page displays a table with the following data:

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

Below the table is a "Refresh" button. The left sidebar contains links for 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**, VeniPHY, Ping), and Maintenance (Warm Restart, Factory Default, Software Upload, Configuration File, Transfer).

You can read IGMP status for IGMP ports.

Monitoring: VeriPHY Cable Diagnostics

The screenshot shows the web interface of a 24 Port Gigabit Ethernet Switch. The browser window is titled "24 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page has a blue header with the title "24 Port Gigabit Ethernet Switch".

On the left side, there is a navigation menu with the following sections:

- 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

The main content area is titled "VeriPHY Cable Diagnostics". It contains a configuration section with two dropdown menus: "Port" (set to "Port 1") and "Mode" (set to "Full"). Below these is an "Apply" button. A dropdown menu for "Mode" is also shown, with options: "Full", "Anomaly", and "Anomaly w/o X-pair".

Below the configuration section is a table titled "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

The screenshot shows the web interface of a 24 Port Gigabit Ethernet Switch. The browser address bar shows <http://192.168.2.1/>. The page title is "24 Port Gigabit Ethernet Switch". The interface is divided into three main sections: Configuration, Monitoring, and Maintenance.

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

Ping Parameters

Target IP address:

Count:

Time Out (in secs):

Apply

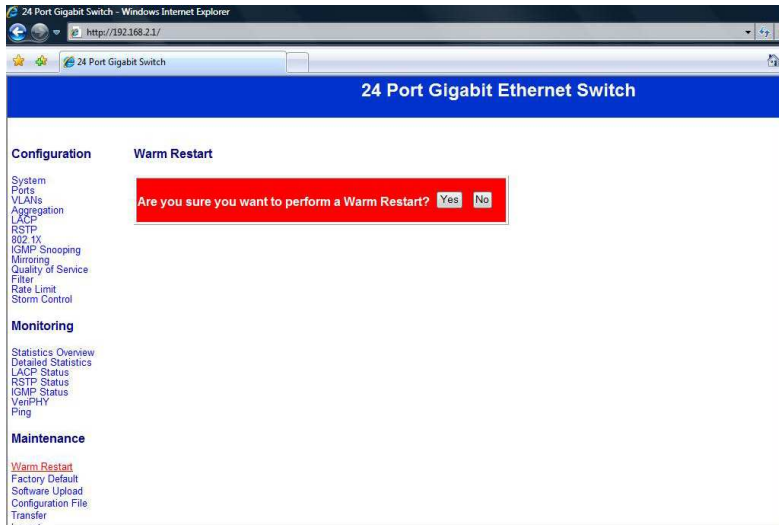
Ping Results

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

Refresh

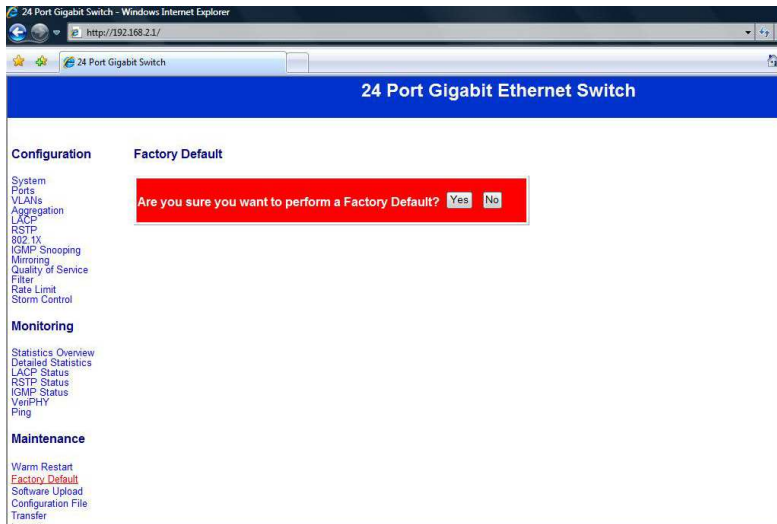
You can set target IP address by setting the mode which you want.

Monitoring: Warm Restart



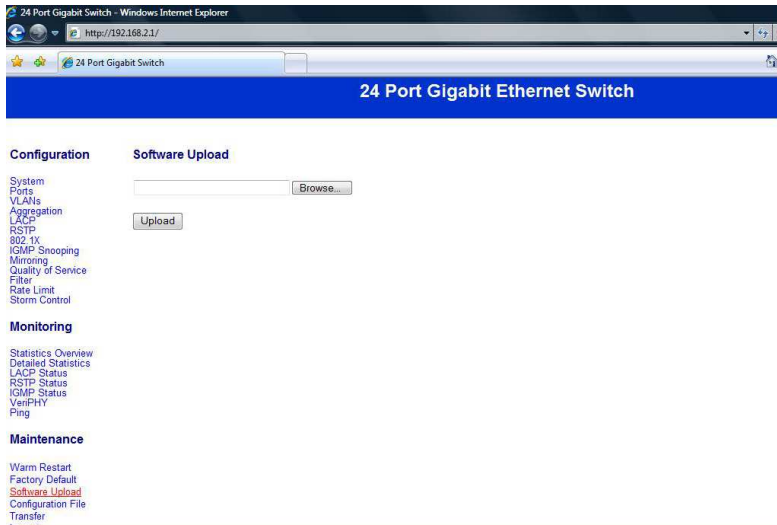
You can select yes/no to do the warm restart, and then the new settings will change according to your selection.

Maintenance: Factory Default



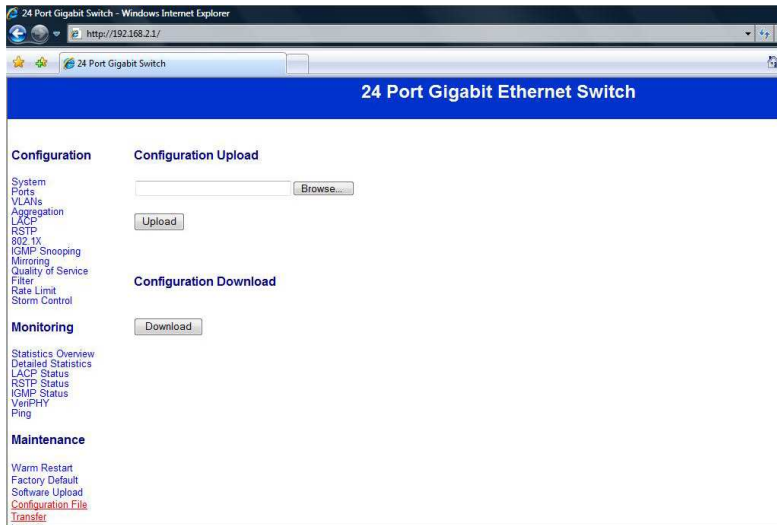
You can select yes/no to perform a Factory Default, and then the new settings will change according to your selection.

Maintenance: Software Upload



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

Maintenance: Configuration Upload



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 Web Smart Switch back to the original default:

Step 1:

Turn on the Web Smart Switch

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 browser displaying a login page for a Web Smart Switch. The page has a light blue background. 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 of the form is a grey button labeled "Apply".

Please enter password to login

Password:

Apply

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

IP: 192.168.2.1

Password: admin