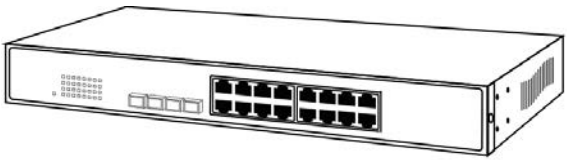
NETWORKING PEOPLE TOGETHER

User's Manual

ES-5160G+ V3



16 Port Gigabit Ethernet Web Smart Switch

Web Smart Switch

Ⅰ. Features Overview

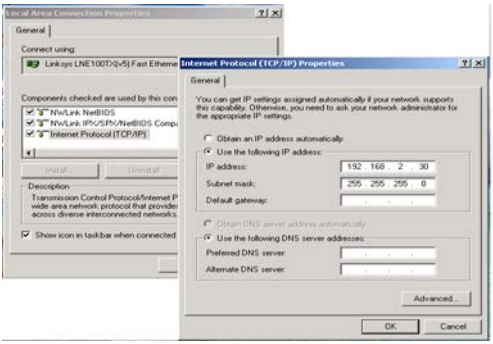
- Supports real-time status (link, speed, duplex) of each port
- Supports port setting for enable or disable operation (the 1st port can't be disabled)
- Supports Bandwidth Control on transmission and reception
- Supports Broadcast Storm Protection
- Supports Port-bases VLAN
- Supports two priority queues for CoS
- Supports weighted round robin scheduling for queues.
- Supports Port-bases / 802.1p / DiffServ. priority three types of CoS

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.



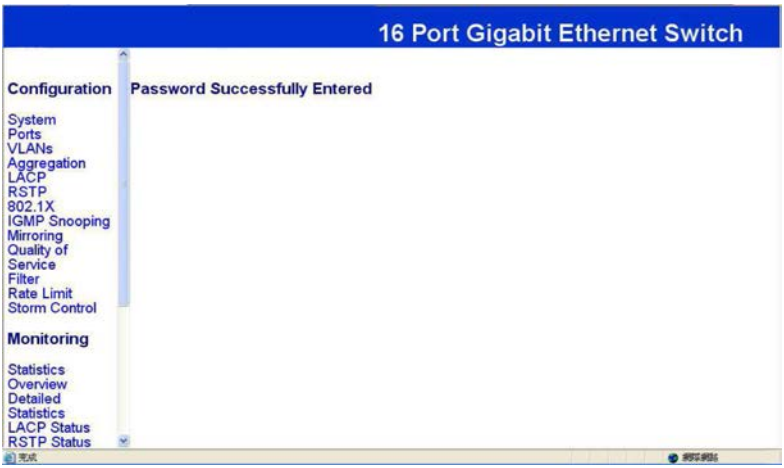
Step 3:
Open the web browser (like IE…), and go to 192.168.2.1 site, and then you will see the login screen.

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

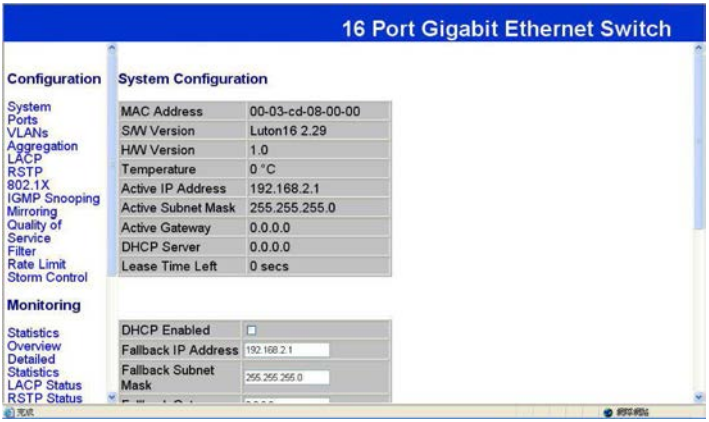
User name: admin
Password: 1234

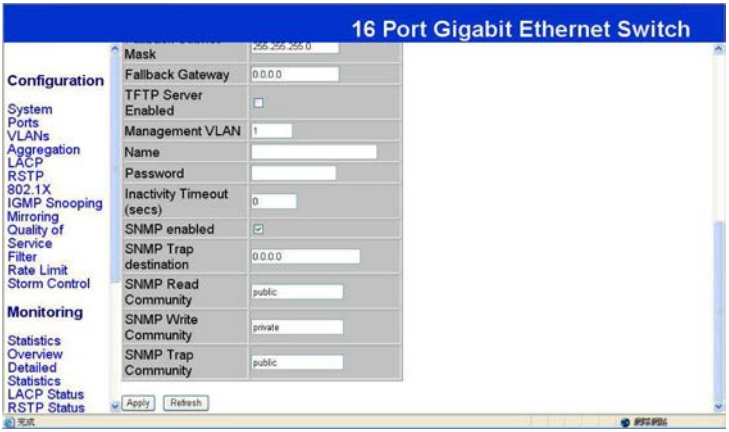
After the authentication procedure, the home page shows up.

Step 4:
On the following home page, select the configuration by clicking the icon. It includes,
- Configuration
- Monitoring
- Maintenance
- Logout



Configuration: System Configuration

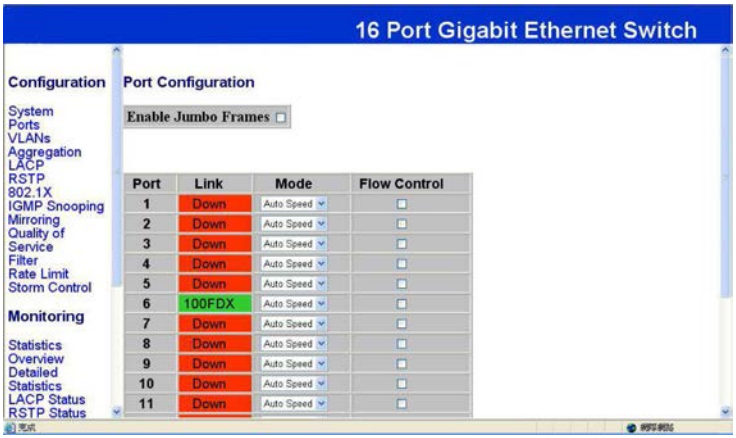




It shows MAC address, system firmware version and so on of the switch.

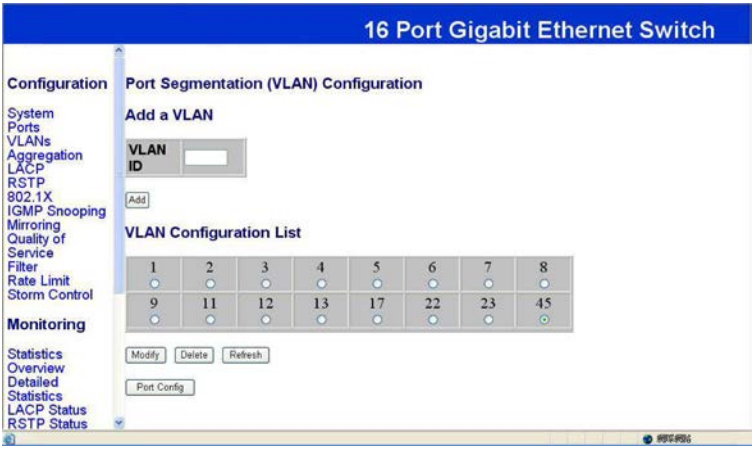
You can change the user name, the password and IP address, and click “Apply” to confirm the new change. After that, you can reset the switch to take the new user name, the password and IP address effectively.

Configuration: Port Configuration



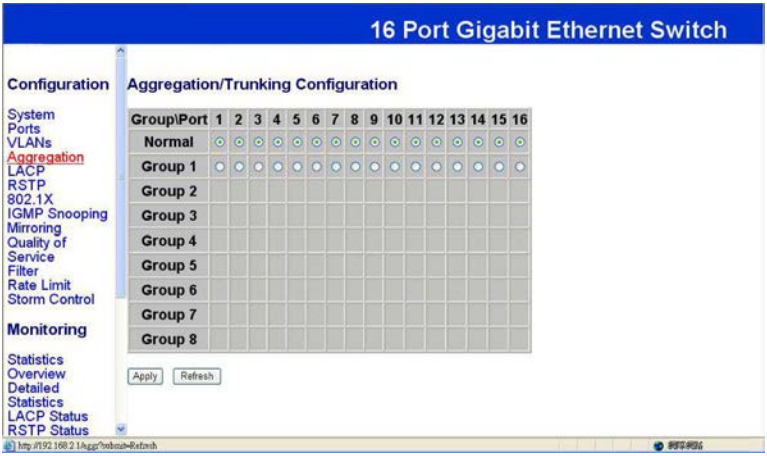
You can enable or disable Jumbo Frames by clicking the checking box.
Select the “Port no.” which you want to configure the mode below,
- Auto speed
- enable/disable the port
- 10M/100M/1000M
- full/half-duplex
- enable/disable flow control

Configuration: VLAN Configuration



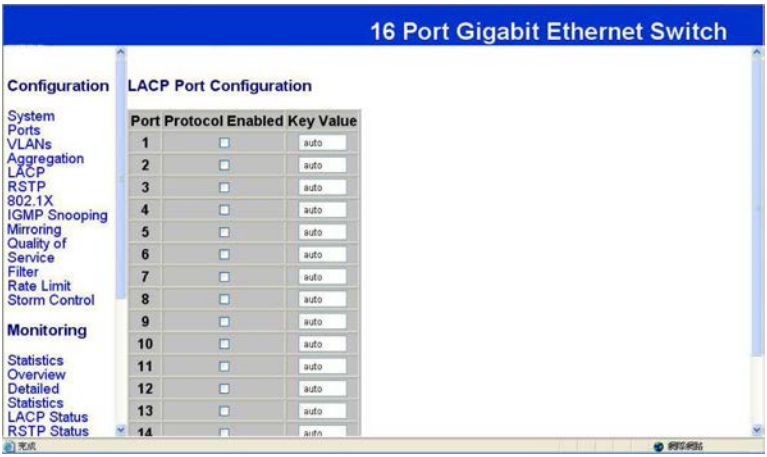
There are 16 VLAN groups, 01 to 16, can be used.
Select and add a group into “VLAN ID” and then click the port number which you want to put into the selected VLAN group.

Configuration: Aggregation/Trunk Configuration



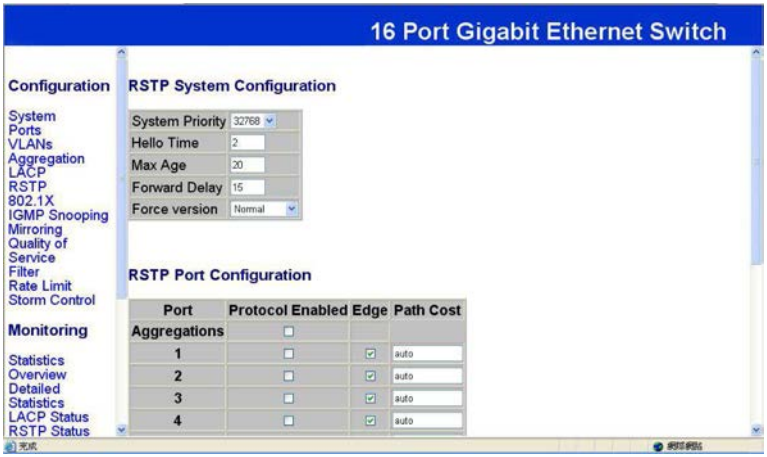
Set up port trunk groups and then click the port number you want to include into the same group.
There are eight groups to choose and the maximum of ports for one group is 16.

Configuration: LACP Port configuration



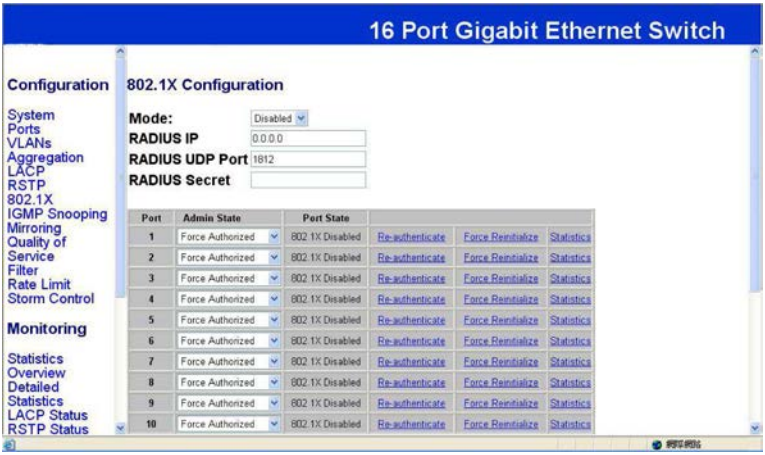
Select the port number which you want to enable/disable the protocol.

Configuration: RSTP Configuration



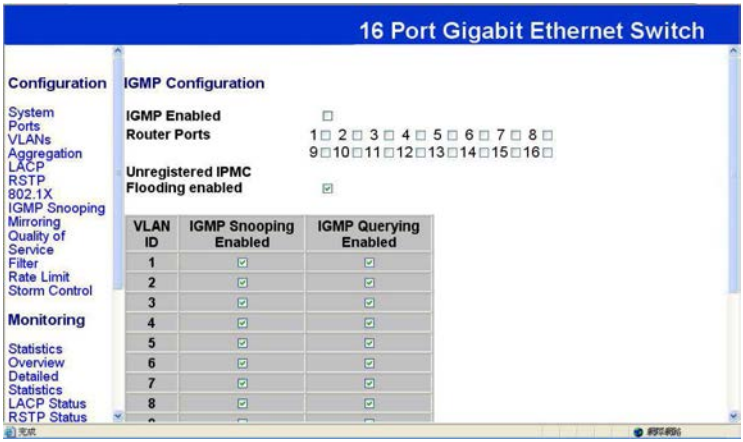
Select the port number which you want to enable/disable the protocol.

Configuration: 802.1x Configuration



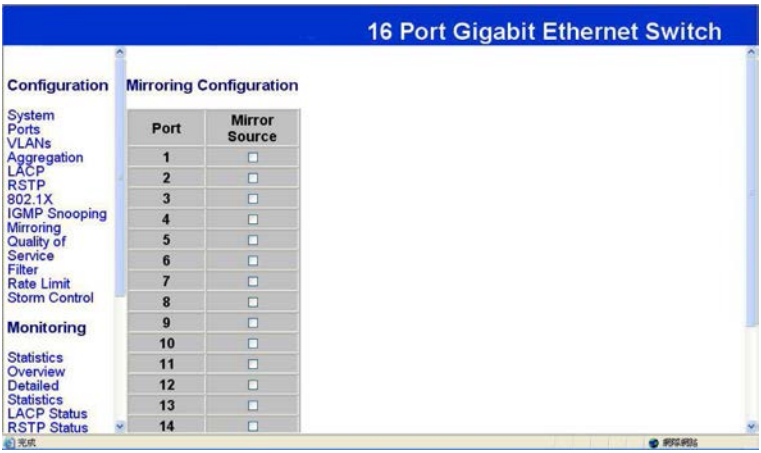
Select the “Port no.” which you want to configure the mode below,
- Auto
- Force Authorized
- Force Unauthorized

Configuration: IGMP Configuration



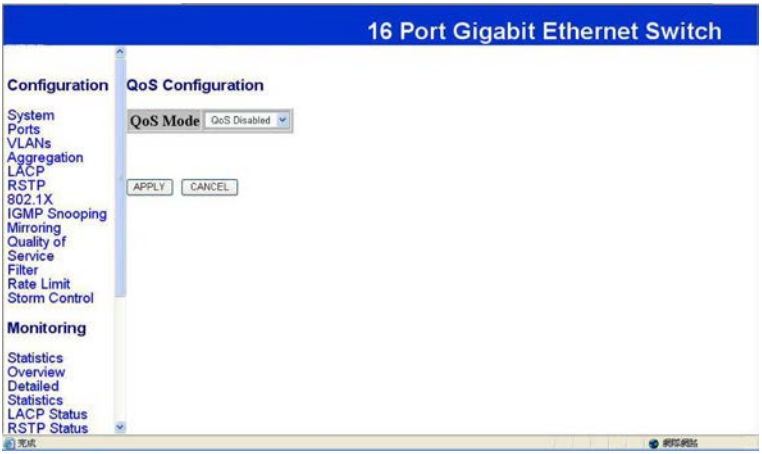
You can enable or disable IGMP by clicking the checking box.
Select the “Port no.” which you want to configure the mode.

Configuration: Port Mirror configuration



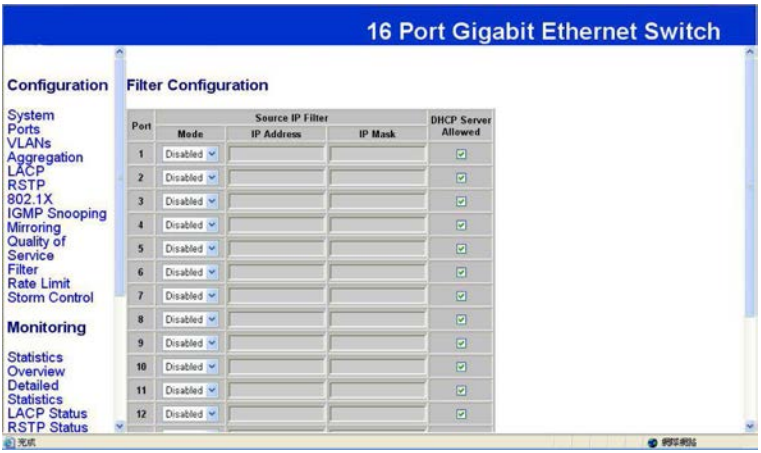
Port Mirroring is used to mirror traffic from Source port to Destination port for analysis.
Select the Destination port from port 1 to port 16, and then select the Source port by clicking the checking box of the port.

Configuration: QoS Configuration



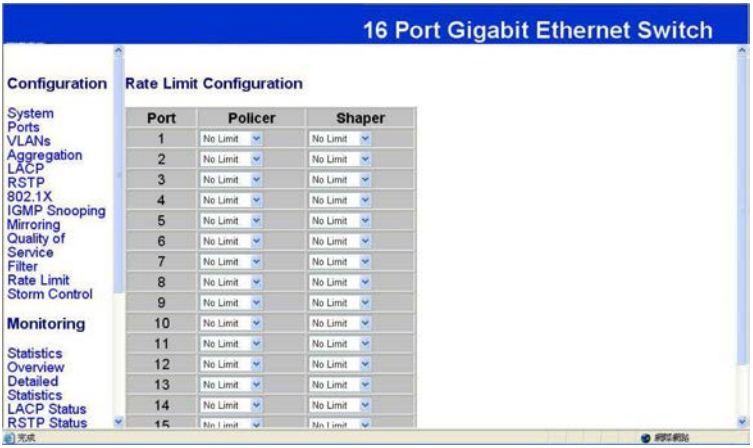
You can enable or disable QoS by clicking the checking box. If you enable QoS, you can select the class of service for each port.

Configuration: Filter Configuration



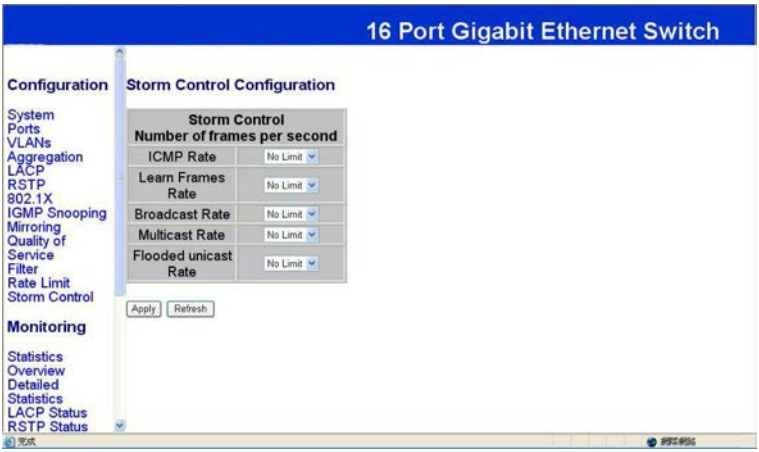
Select the “Port no.” which you want to configure the mode to enable/disable filtering IP address.

Configuration: Rate Limit Configuration



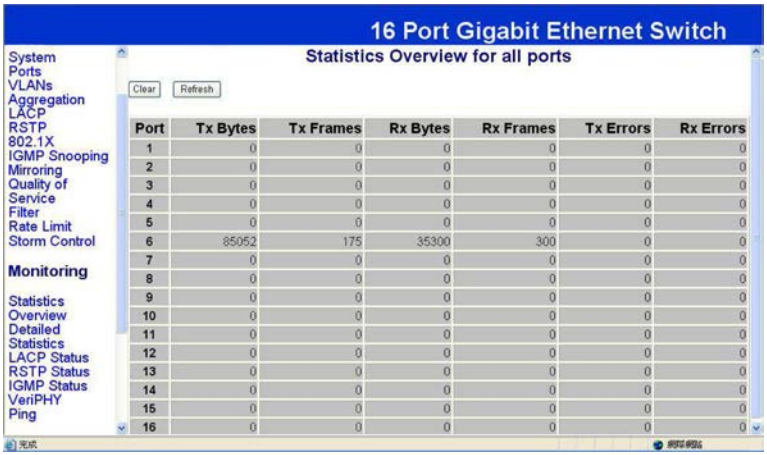
Select the “Port no.” which you want to configure the mode of the speed.

Configuration: Storm Control configuration



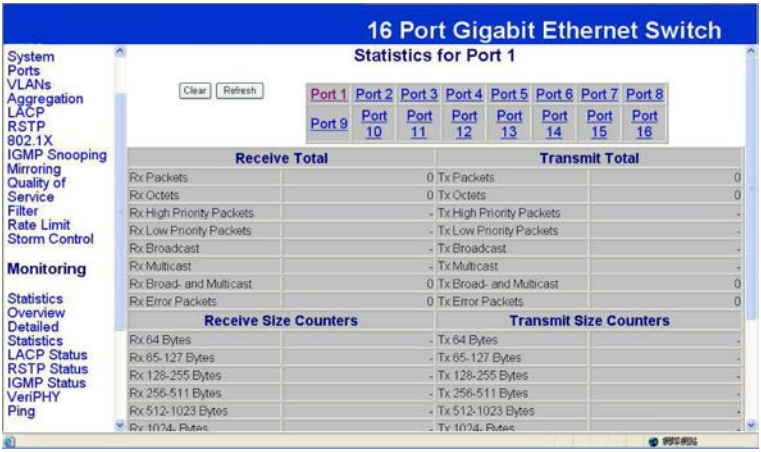
You can set up storm control by configuring the modes.

Monitoring: Statistics Overview for All Ports



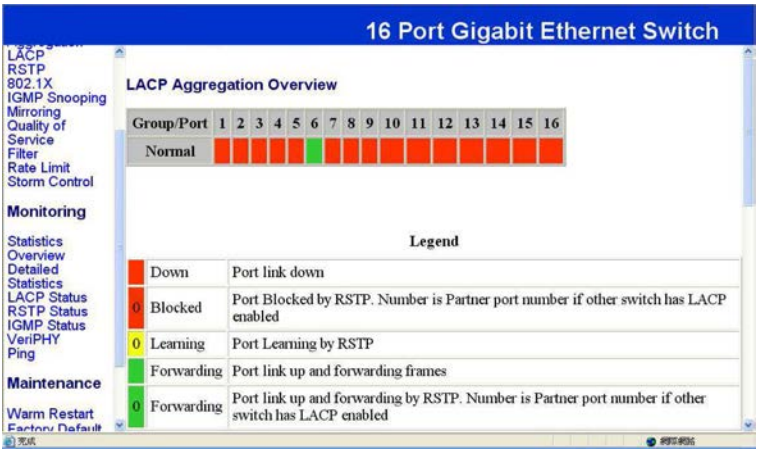
You can read statistics for all ports.

Monitoring: Detailed Statistics



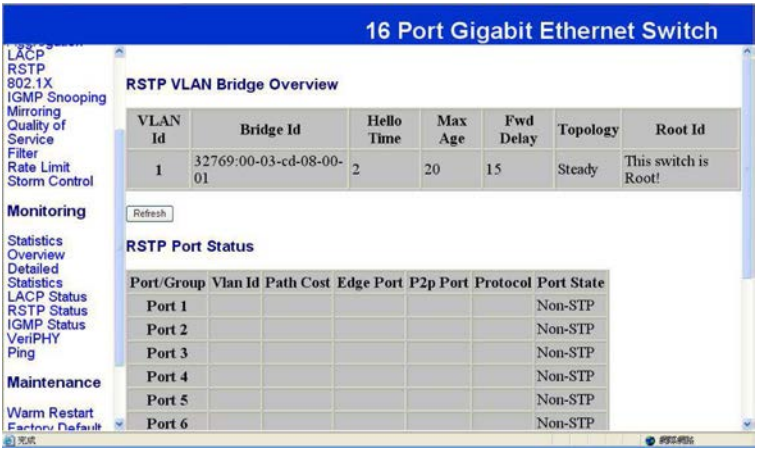
You can have detailed statistics of all ports which you want to read by clicking the port number.

Monitoring: LACP Status



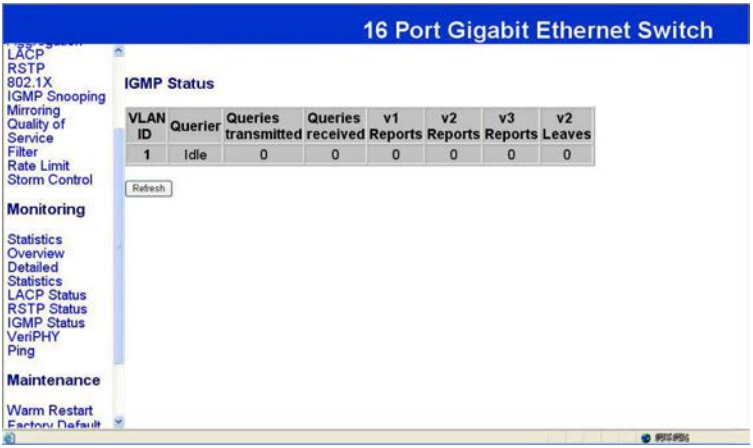
You can read LACP status for LACP ports.

Monitoring: RSTP Status



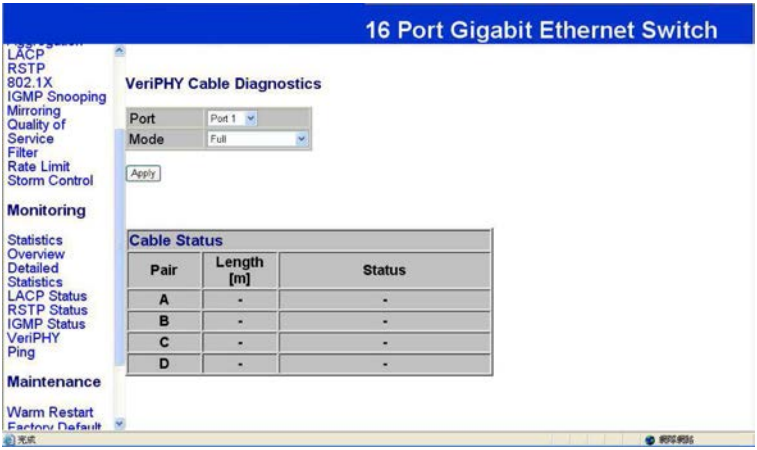
You can read RSTP status for RSTP ports.

Monitoring: IGMP Status



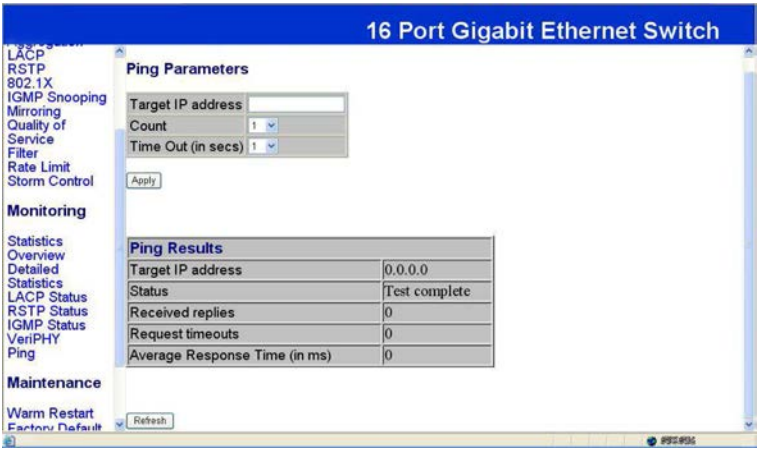
You can read IGMP status for IGMP ports.

Monitoring: VeriPHY Cable Diagnostics



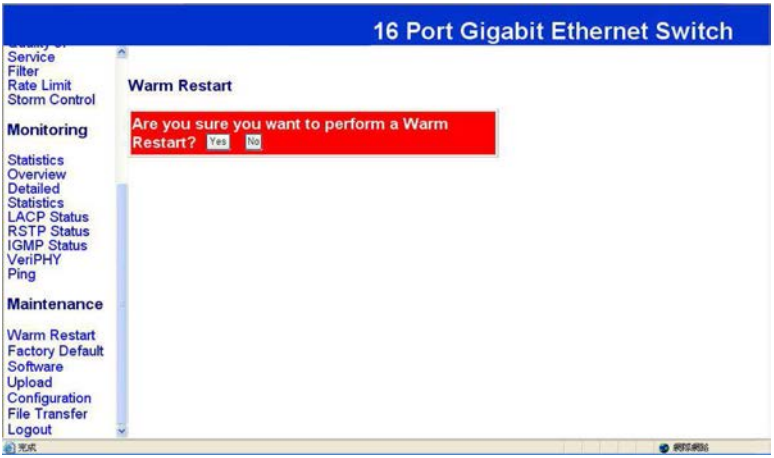
You can read VeriPHY cable status for all ports which you want to check by clicking the port number and the mode.

Monitoring: Ping Parameters



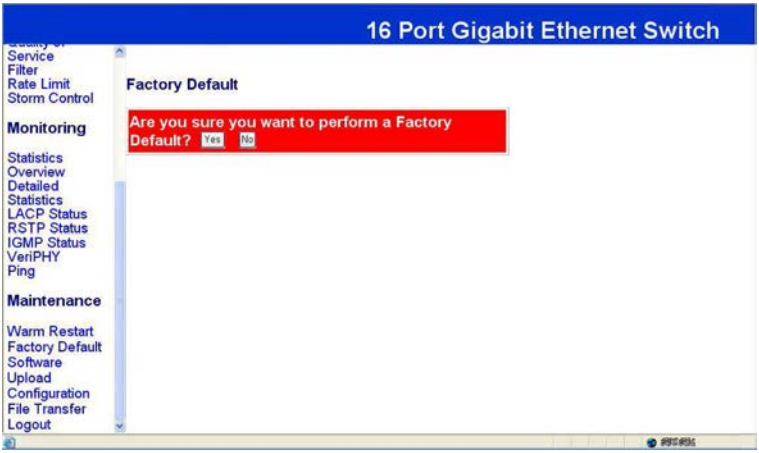
You can set target IP address by setting the mode which you want.

Monitoring: Warm Restart



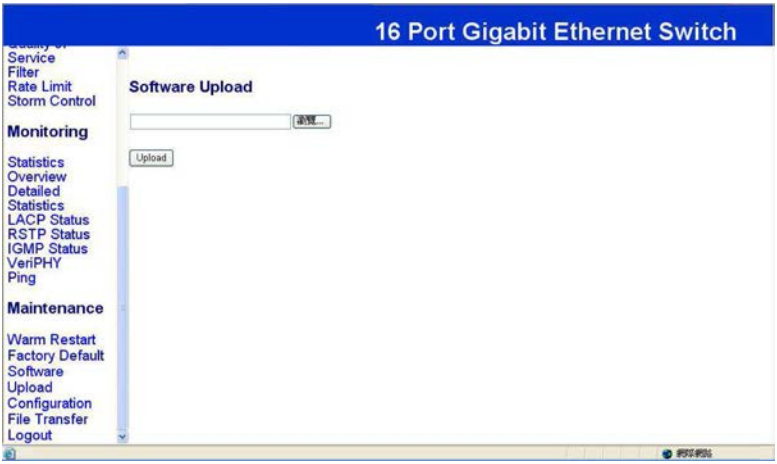
You can select yes/no to do the warm restart, and then the new settings will change according to your selection.

Maintenance: Factory Default



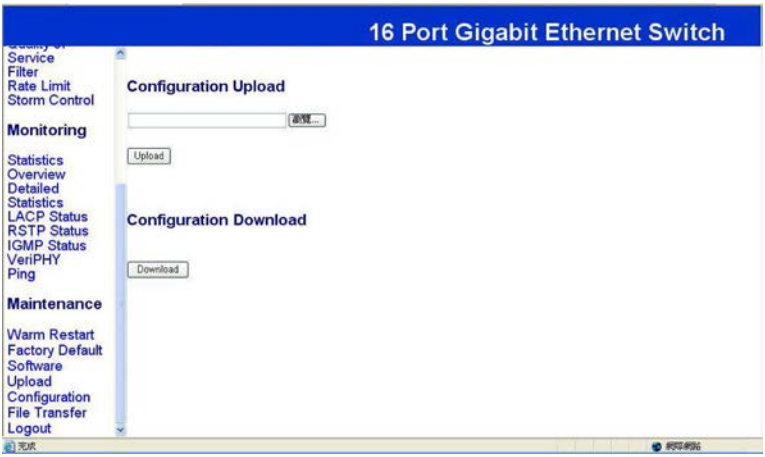
You can select yes/no to perform a Factory Default, and then the new settings will change according to your selection.

Maintenance: Software Upload



Follow the instruction on the screen to upload new software.

Maintenance: Configuration Upload



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

Logout