



16 Port Gigabit Ethernet Web Smart Switch

Users Manual



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Content

Web Smart Switch Configure – login	2
Configuration	
System Configuration	4
Port Configuration	5
VLAN Configuration	6
Aggregation/Trunking Configuration	7
LACP Port Configuration	8
RSTP System Configuration	9
802.1x Configuration	10
IGMP Configuration	11
Mirroring Configuration	12
QoS Configuration	13
Filter Configuration	14
Rate Limit Configuration	15
Storm Control Configuration	16
Monitoring	
Statistics Overview for All ports	17
Statistics for Port	18
LACP Status	19
RSTP Status	20
IGMP Status	21
VeriPHY Cable Diagnostics	22
Ping Parameters	23
Maintenance:	
Warm Restart	24
Factory Default	25
Software Upload	26
Configuration Upload	27
Logout	27



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Web Smart Switch Configure

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

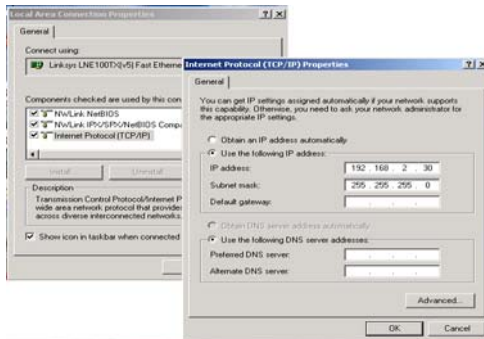
Please follow the steps to configure this Web Smart switch.

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.

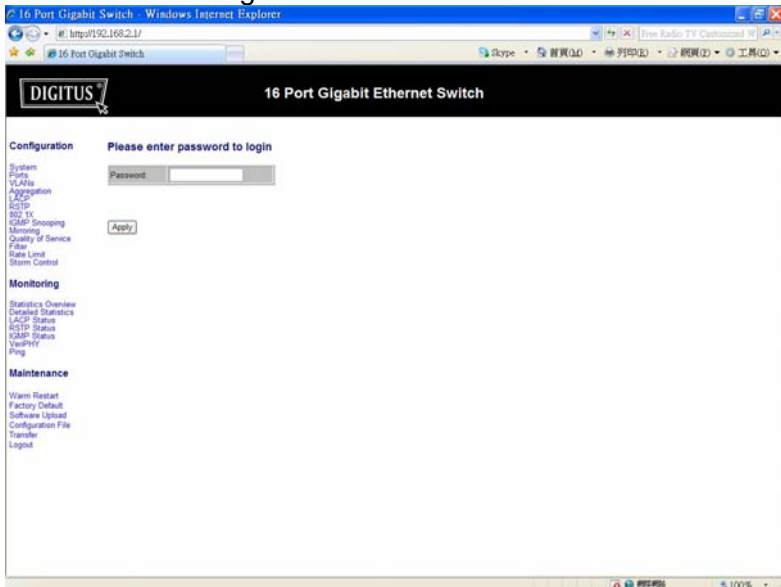




16-Port GIGABIT ETHERNET WEB SMART SWITCH

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:



There is no password required to pass the authentication.

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**



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: System Configuration

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window is titled "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The interface has a black header with the DIGITUS logo and the text "16 Port Gigabit Ethernet Switch".

The main content area is divided into two columns. The left column contains a navigation menu with the following items: Configuration, System Configuration, Monitoring, and Maintenance. Under "Configuration", there are sub-links: System, Ports, VLANs, Aggregation, LACP, IGMP, RST, IGMP Snooping, Mirroring, Quality of Service, Filter, Rate Limit, Storm Control. Under "Monitoring", there are sub-links: Statistics Overview, Detailed Statistics, LACP Status, IGMP Status, IGMP Snooping, and VlanPrio. Under "Maintenance", there are sub-links: Warm Restart, Factory Default, Software Upload, Configuration File Transfer, and Logout.

The right column is titled "System Configuration" and contains two tables of configuration parameters.

Parameter	Value
MAC Address	00-03-c9-07-00-6c
SW Version	Luton16 2.34d
HW 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	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

At the bottom of the configuration area, there are "Apply" and "Refresh" buttons.

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

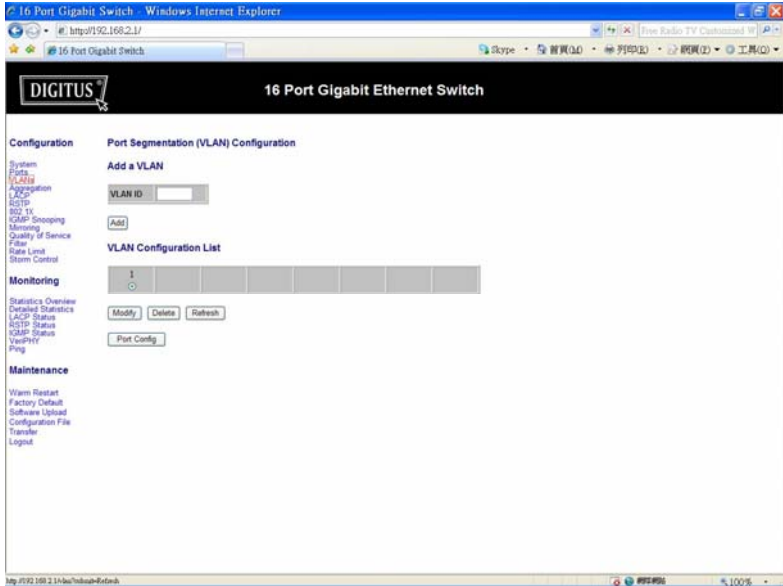
You can change the user name, the password and IP address. Please click "Apply" to confirm the new change.

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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: VLAN Configuration



There are 16 VLAN groups.

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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: LACP Port configuration

The screenshot shows the web interface of a DIGITUS 16-Port Gigabit Ethernet Switch. The browser address bar shows the URL <http://192.168.2.1/>. The page title is "16 Port Gigabit Ethernet Switch". The interface is divided into several sections: Configuration, Monitoring, and Maintenance. The "Configuration" section is expanded to show "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

At the bottom of the table, there are two buttons: "Apply" and "Refresh".

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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: RSTP System Configuration

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window is titled "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The interface has a navigation menu on the left with categories: Configuration, Monitoring, and Maintenance. The main content area is divided into two sections: "RSTP System Configuration" and "RSTP Port Configuration".

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
Aggregations	<input type="checkbox"/>	<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

1. Set the "System Priority" – Set the priority of the System
2. Set the period of "Hello Time" packet – Provides the time period between root bridge configuration messages.
3. Set the "Max Age" – Indicates when the current configuration message should be deleted.
4. Set the "Forward Delay" time – Provides the length of time.

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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: 802.1x Configuration

Configuration **802.1X Configuration**

System
Ports
LANs
Aggregation
LACP
IGMP
IGMP Snooping
Mirroring
Quality of Service
Filter
Rate Limit
Storm Control

Monitoring
Statistics Overview
Detailed Statistics
LACP Status
IGMP Status
IGMP Snooping
VlanPHY
Ping

Maintenance
Warm Restart
Factory Default
Software Upload
Configuration File
Transfer
Logout

Mode:

RADIUS IP:

RADIUS UDP Port:

RADIUS Secret:

Port	Admin State	Port State	Re-authenticate	Force Reauthorize	Statistics
1	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
2	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
3	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
4	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
5	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
6	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
7	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
8	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
9	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
10	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
11	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
12	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
13	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
14	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
15	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics
16	Force Authorized	802.1X Disabled	Re-authenticate	Force Reauthorize	Statistics

May 2012 168.2.1.601/168.2.1.601

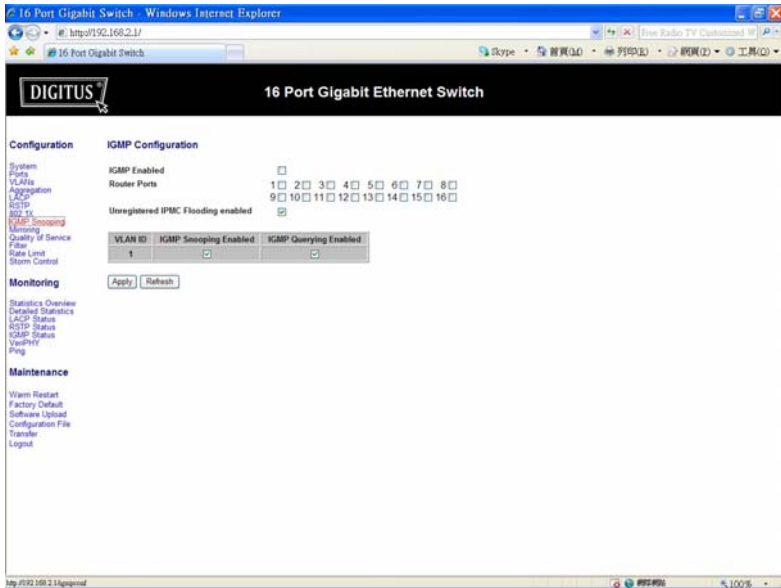
Select the “Port no.” which you want to configure its mode to the following:

- Auto
- Force Authorized
- Force Unauthorized



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: IGMP Configuration

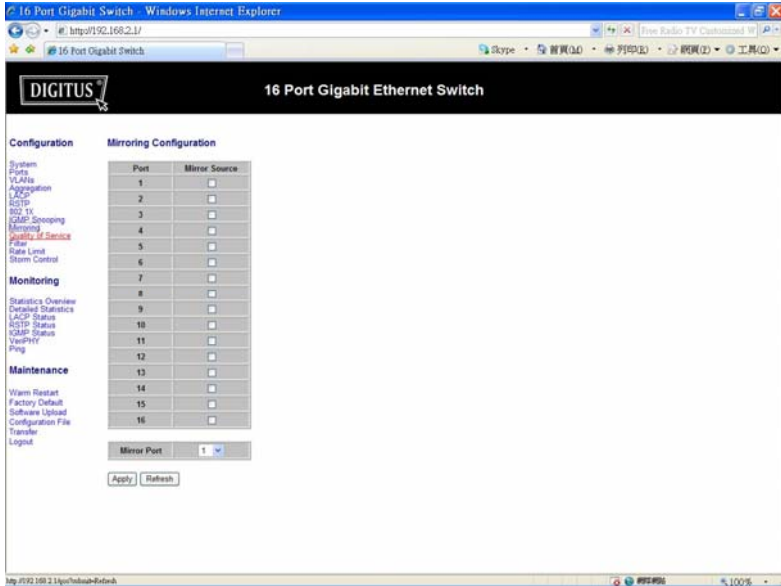


You can enable or disable IGMP by tick the check box. Select the "Port no." which you want to configure its mode.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: Mirroring Configuration



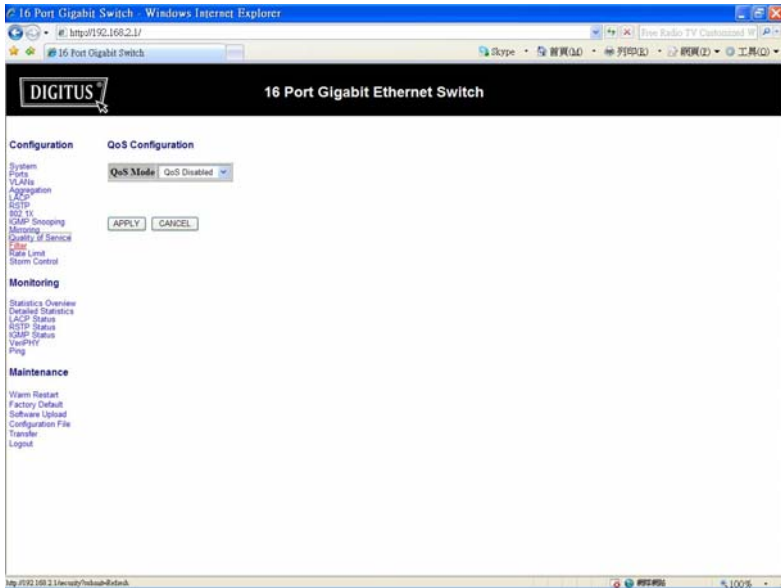
Mirroring Configuration is for mirror the traffic from Source port to Destination port.

Select the Destination port from port 1 to port 16, and then select the Source port by tick the check box of each port.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: QoS Configuration



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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: Filter Configuration

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window title is "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch".

The main content area is titled "Filter Configuration" and contains a table for configuring source IP filters for each port. The table has the following columns: Port, Mode, IP Address, IP Mask, and DHCP Server Allowed. All ports are currently set to "Disabled" mode, and the "DHCP Server Allowed" checkbox is checked for all ports.

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"/>

At the bottom of the table, there are "Apply" and "Refresh" buttons.

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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: Rate Limit Configuration

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window title is "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch".

The main content area is titled "Rate Limit Configuration" and contains a table with the following data:

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

Below the table are "Apply" and "Refresh" buttons. The left sidebar contains the following navigation menu:

- Configuration
 - System
 - Ports
 - VLANs
 - Aggregation
 - LACP
 - IGMP
 - IGMP Snooping
 - RSB
 - RSB SV
 - IGMP Snooping
 - Mirroring
 - Quality of Service
 - File
 - Rate Limit
 - Stream Control
- Monitoring
 - Statistics Overview
 - Detailed Statistics
 - LACP Status
 - IGMP Status
 - IGMP Snooping Status
 - VLAN
 - Ping
- Maintenance
 - Warm Restart
 - Factory Default
 - Software Upload
 - Configuration File Transfer
 - Logout

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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Configuration: Storm Control configuration

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window is titled "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch".

The interface is divided into several sections:

- Configuration:** Includes links for System, Ports, VLANs, Aggregation, IGMP, RST, IGMP Snooping, Mirroring, Quality of Service, Filter, Rate Limit, and Storm Control (highlighted).
- Monitoring:** Includes links for Statistics Overview, Detailed Statistics, LACP Status, IGMP Status, IGMP Snooping Status, and Ping.
- Maintenance:** Includes links for Warm Restart, Factory Default, Software Upload, Configuration File Transfer, and Logout.

The **Storm Control Configuration** section is active, showing a table for "Storm Control" with the following settings:

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

Below the table are "Apply" and "Refresh" buttons.

You can set up storm control by configuring the modes.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: Statistics Overview for All Ports

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window title is "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch" and the main heading is "Statistics Overview for all ports".

The interface includes a navigation menu on the left with the following sections:

- Configuration**
 - System
 - Ports
 - VLANs
 - Aggregation
 - IGMP
 - RSTP
 - RSTP TX
 - IGMP Snooping
 - Monitoring
 - Quality of Service
 - Filer
 - Rate Limit
 - Storm Control
- Monitoring**
 - Statistics Overview
 - Detailed Statistics
 - IGMP Status
 - RSTP Status
 - IGMP Status
 - VlanPHY
 - Ports
- Maintenance**
 - Warm Restart
 - Factory Default
 - Software Upload
 - Configuration File
 - Transfer
 - Logout

The main content area displays a table with the following columns: Port, Tx Bytes, Tx Frames, Rx Bytes, Rx Frames, Tx Errors, and Rx Errors. The table shows statistics for 16 ports. Port 2 has non-zero values for Tx Bytes (7920) and Rx Bytes (27216). All other ports show zero values for all metrics.

Port	Tx Bytes	Tx Frames	Rx Bytes	Rx Frames	Tx Errors	Rx Errors
1	0	0	0	0	0	0
2	7920	121	27216	176	0	0
3	0	0	0	0	0	0
4	0	0	0	0	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.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: Statistics for Port

The screenshot shows the web interface of a DIGITUS 16-Port Gigabit Ethernet Switch. The browser window is titled "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch" and the main heading is "Statistics for Port 1".

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

- Configuration
 - System
 - Port
 - LAN
 - Aggregation
 - IGMP
 - IGMP Snooping
 - Mirroring
 - Quality of Service
 - Fiber
 - Rate Limit
 - Storm Control
- Monitoring
 - Statistics Overview
 - Linkup Statistics
 - IGMP Status
 - IGMP Snooping Status
 - View PVID
 - Ping
- Maintenance
 - Warm Restart
 - Factory Default
 - Software Upload
 - Configuration File Transfer
 - Logout

At the top of the main content area, there are buttons for "Clear" and "Refresh", and a row of buttons for each port: "Port 1", "Port 2", "Port 3", "Port 4", "Port 5", "Port 6", "Port 7", "Port 8", "Port 9", "Port 10", "Port 11", "Port 12", "Port 13", "Port 14", "Port 15", and "Port 16".

The main content area displays a table of statistics for Port 1, organized into four sections:

Receive Total		Transmit Total	
Rx Packets	0	Tx Packets	0
Rx Bytes	0	Tx Bytes	0
Rx High Priority Packets	0	Tx High Priority Packets	0
Rx Low Priority Packets	0	Tx Low Priority Packets	0
Rx Multicast	0	Tx Multicast	0
Rx Broadcast and Multicast	0	Tx Broadcast and Multicast	0
Rx Error Packets	0	Tx Error Packets	0

Receive Size Counters		Transmit Size Counters	
Rx 64 Bytes	0	Tx 64 Bytes	0
Rx 65-127 Bytes	0	Tx 65-127 Bytes	0
Rx 128-255 Bytes	0	Tx 128-255 Bytes	0
Rx 256-511 Bytes	0	Tx 256-511 Bytes	0
Rx 512-1023 Bytes	0	Tx 512-1023 Bytes	0
Rx 1024+ Bytes	0	Tx 1024+ Bytes	0

Receive Error Counters		Transmit Error Counters	
Rx CRC Alignment	0	Tx Collisions	0
Rx Undersize	0	Tx Discard	0
Rx Oversize	0	Tx Overrun	0
Rx Fragment	0		
Rx Jabber	0		
Rx Discard	0		

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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: LACP Status

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window title is "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch".

Configuration

- System
- Ports
- VLANs
- Aggregation
- RSTP
- IGMP Snooping
- Mirroring
- Quality of Service
- Filer
- Rate Limit
- Storm Control

Monitoring

- Statistics Overview
- Detailed Statistics
- LACP Status
- RSTP Status
- IGMP Status
- VLANs
- Ports

Maintenance

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

LACP Aggregation Overview

Group	Port 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Normal	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green

Legend

Down	Port link down
Blocked	Port Blocked by RSTP. Number is Partner port number if other switch has LACP enabled
Learning	Port Learning by RSTP
Forwarding	Port link up and forwarding frames
Forwarding	Port link up and forwarding by RSTP. Number is Partner port number if other switch has LACP enabled

LACP Port Status

Port	Protocol Active	Partner Port Number	Operational Port Key
1	no		
2	no		
3	no		
4	no		
5	no		
6	no		

You can read LACP status for LACP ports.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: RSTP Status

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window is titled "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch".

Configuration

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

Monitoring

- Statistics Overview
- Detailed Statistics
- IGMP Status
- IGMP Status
- IGMP Status
- VlanPHY
- 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	32769:00-03-cc-07-00-6d	2	30	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

You can read RSTP status for RSTP ports.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: IGMP Status

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window title is "16 Port Gigabit Switch - Windows Internet Explorer". The address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch".

The interface is divided into three main sections:

- Configuration:** Includes links for System, Ports, VLANs, Aggregation, IGMP, and various control options like IGMP Snooping, Mirroring, Quality of Service, Filter, Rate Limit, and Storm Control.
- Monitoring:** Includes links for Statistics Overview, Detailed Statistics, IGMP Status, VLAN Statistics, and Ping.
- Maintenance:** Includes links for Warm Restart, Factory Default, Software Upload, Configuration File Transfer, and Logout.

The **IGMP Status** section is active, displaying 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.

You can read IGMP status for IGMP ports.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: VeriPHY Cable Diagnostics

Configuration

- System
- Ports
- VLANs
- Aggregation
- IGMP
- IGMP Snooping
- Mirroring
- Quality of Service
- Fiber
- Rate Limit
- Storm Control

Monitoring

- Statistics Overview
- Detailed Statistics
- IGMP Status
- IGMP Snooping Status
- VeriPHY
- Ping

Maintenance

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

VeriPHY Cable Diagnostics

Port:
Mode:

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.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: Ping Parameters

The screenshot shows the web interface of a DIGITUS 16 Port Gigabit Ethernet Switch. The browser window title is "16 Port Gigabit Switch - Windows Internet Explorer" and the address bar shows "http://192.168.2.1/". The page title is "16 Port Gigabit Ethernet Switch".

The interface is divided into several sections:

- Configuration:** Includes links for System, Ports, VLANs, Aggregation, IGMP, RSTP, RSTP Snooping, Mirroring, Quality of Service, Filter, Rate Limit, and Storm Control.
- Monitoring:** Includes links for Statistics Overview, Detailed Statistics, LACP Status, IGMP Status, RSTP Status, and VlanPHY.
- Maintenance:** Includes links for Warm Restart, Factory Default, Software Upload, Configuration File Transfer, and Logout.

The **Ping Parameters** section is active, showing the following configuration:

- Target IP address:
- Count:
- Time Out (in secs):
- Apply button

The **Ping Results** table shows the following data:

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

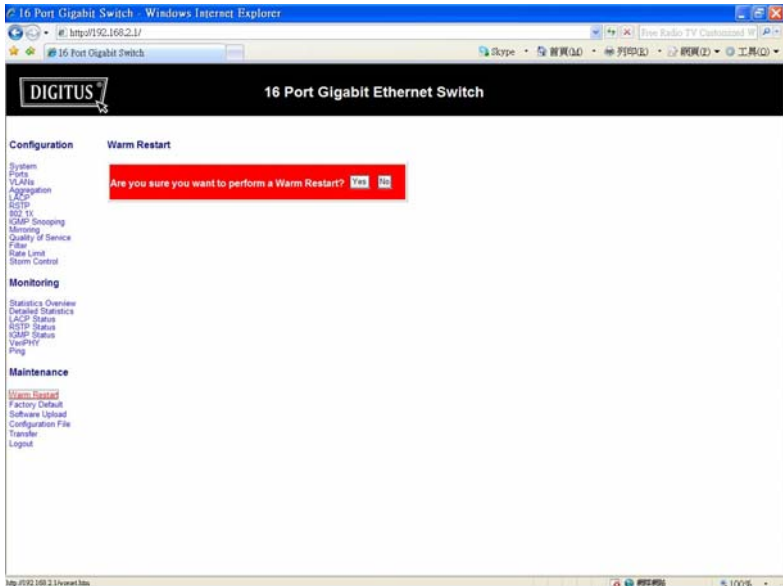
There is a Refresh button below the Ping Results table.

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



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Maintenance: Warm Restart

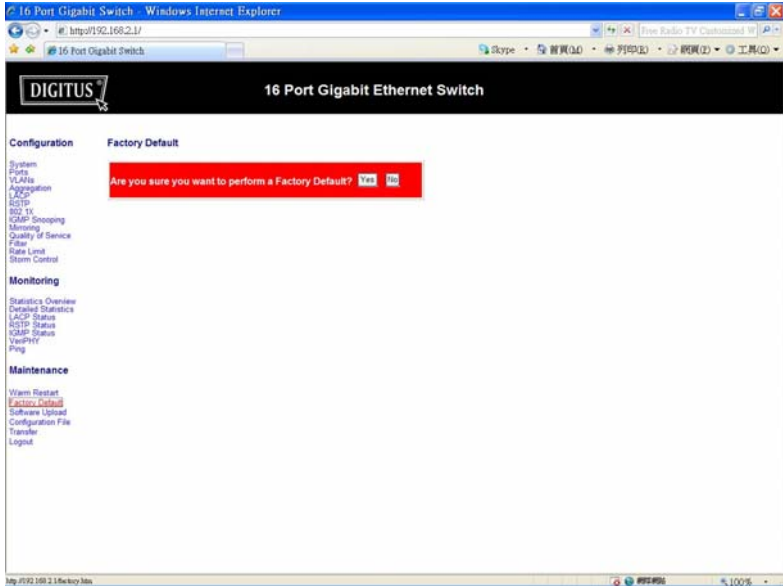


You can select yes/no to do the warm restart, and the new settings will be changed accordingly.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Maintenance: Factory Default

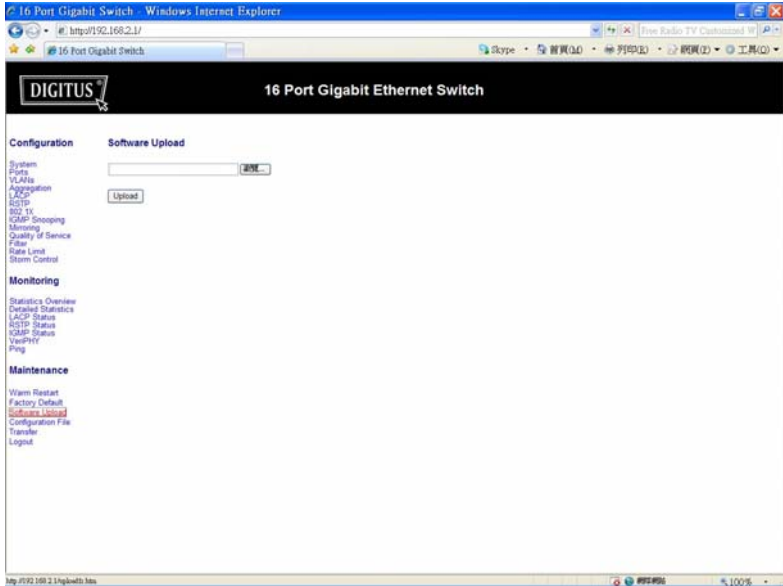


You can select yes/no to perform a Factory Default, and the new settings will be changed accordingly.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Maintenance: Software Upload

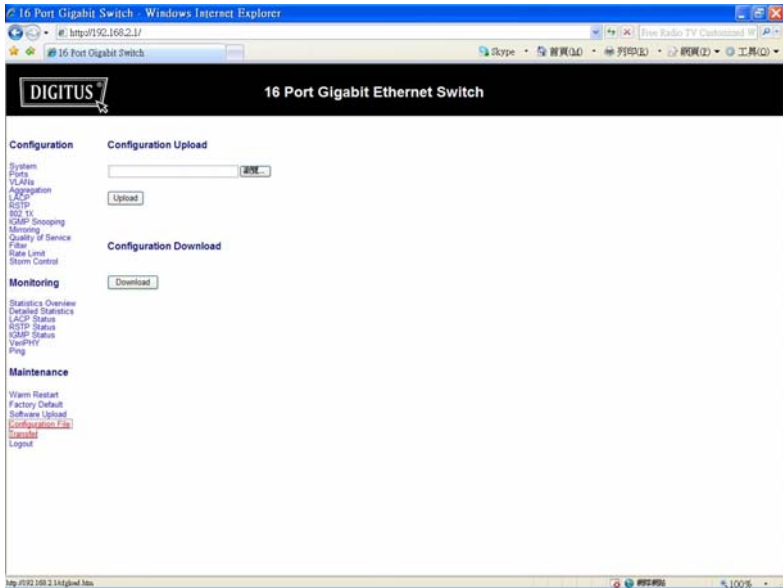


Follow the instruction on the screen to upload the new software.



16-Port GIGABIT ETHERNET WEB SMART SWITCH

Maintenance: Configuration Upload



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

Logout



16-Port GIGABIT ETHERNET WEB SMART SWITCH

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 second 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 login page. At the top, it says "Please enter password to login" in blue text. Below that is a "Password:" label followed by a text input field. At the bottom left, there is an "Apply" button.

Please enter password to login

Password:

Apply

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

IP: 192.168.2.1

Password: