



24 Port Gigabit Ethernet Web Smart Switch

Users Manual



24-Port GIGABIT ETHERNET WEB SMART SWITCH

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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

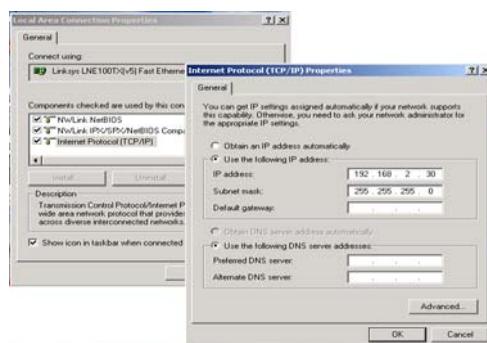
Please follow the steps to configure this Web Smart switch.

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.

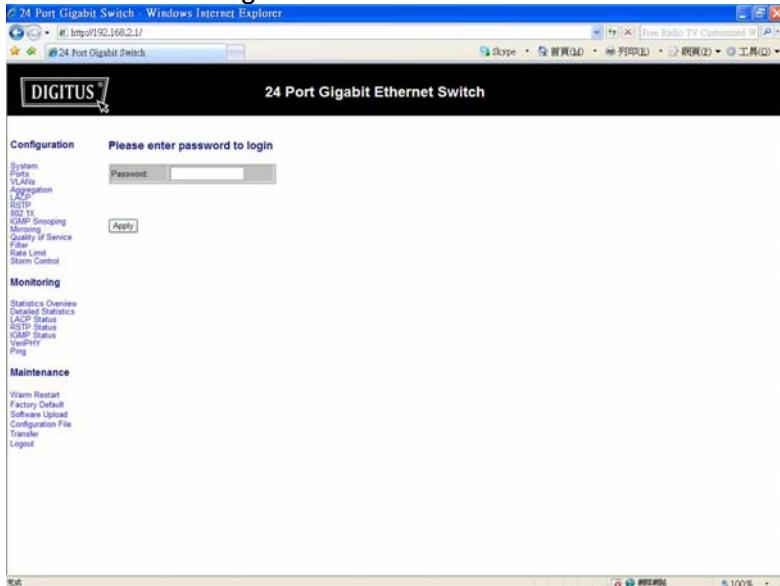




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Step 3:

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



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Configuration: System Configuration

The screenshot shows the 'System Configuration' page of the DIGITUS 24-Port Gigabit Ethernet Web Smart Switch. The page has a left sidebar with navigation links: Configuration (selected), Ports, VLANs, Advanced, QoS, IEEE 802.1x, Link Aggregation, Monitoring, Quality of Service, Filter, Rate Limit, Storm Control, and Monitoring. The main content area displays system status information in two tables:

System Configuration	
MAC Address	00-03-ce-07-00-6c
S/N Version	Lucent24.2.34d
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	192.168.2.1
Fallback Subnet Mask	255.255.255.0
Fallback Gateway	192.168.2.254
Management VLAN	1
Name	[empty input]
Password	[empty input]
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 page 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.



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Configuration: Port Configuration

The screenshot shows the 'Port Configuration' page of the DIGITUS 24-Port Gigabit Ethernet Web Smart Switch. The left sidebar contains navigation links for Configuration (System, VLANs, Advanced, QoS, L2), Monitoring (Statistics Overview, Detailed Statistics, LACP, RSTP Status, IGMP Status, VoIP Status, Ping), and Maintenance (Warm Restart, Factory Default, Software Upload, Configuration File Transfer, Logout). The main content area displays a table for port configuration. The table has columns for Port (1-17), Link (Status), Mode (Auto Speed, 10M, 100M, 1000M, Full Duplex, Half Duplex), and Flow Control (checkboxes). A checkbox labeled 'Enable Jumbo Frames' is located above the table. A dropdown menu for 'PERFECT_REACH Power Saving Mode' is set to 'Disable'. The table rows are color-coded: ports 1-4 are red, ports 5-17 are green.

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	1000M Full	Auto Speed	<input type="checkbox"/>
5	Green	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	Down	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"/>

You can enable or disable Jumbo Frames by tick the check box.

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

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



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Configuration: VLAN Configuration

The screenshot shows the '24 Port Gigabit Ethernet Switch' configuration interface. The main menu on the left includes 'System', 'Ports', 'VLAN', 'Advanced', 'QoS', '802.1x', 'Link Aggregation', 'Monitoring', 'Quality of Service', 'Filter', 'Rate Limit', 'Storm Control', 'Monitoring', 'Maintenance', and 'Logout'. The 'VLAN' option is selected. The central panel displays 'Port Segmentation (VLAN) Configuration' with a 'VLAN ID' input field and an 'Add' button. Below this is a 'VLAN Configuration List' table with one row containing the number '1'. At the bottom of the list are 'Modify', 'Delete', and 'Refresh' buttons, along with a 'Port Config' button.

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.



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Configuration: Aggregation/Trunking Configuration

The screenshot shows the 'Aggregation/Trunking Configuration' section of the switch's web interface. On the left, there is a navigation menu with links like System, Ports, VLANs, Aggregation, LACP, QoS, 802.1x, Link Aggregation, Monitoring, Quality of Service, Flow, Rate Limit, Storm Control, Monitoring, Maintenance, and Logout. The main area displays a grid for port aggregation. The columns are labeled 'Group/Port' and numbered 1 through 24. The rows are labeled 'Normal', 'Group 1', 'Group 2', 'Group 3', 'Group 4', 'Group 5', 'Group 6', 'Group 7', and 'Group 8'. Each cell in the grid contains a radio button. Below the grid are two buttons: 'Apply' and 'Refresh'. At the bottom of the page, the URL 'http://192.168.2.1/agg?reload&refresh' is visible.

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

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



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Configuration: LACP Port configuration

The screenshot shows a Windows Internet Explorer browser window displaying the configuration interface of a DIGITUS 24-Port Gigabit Ethernet Web Smart Switch. The title bar reads "24 Port Gigabit Switch - Windows Internet Explorer". The address bar shows the URL "http://192.168.2.1". The main content area is titled "24 Port Gigabit Ethernet Switch". On the left, there is a navigation menu with the following items:

- System
- Ports
- VLANs
- Applications
- LACP
- QoS
- 802.1x
- LACP Snooping
- Monitoring
- Quality of Service
- Filter
- Rate Limit
- Storm Control
- Monitoring
- Statistics Overview
- Detailed Statistics
- LACP Status
- RSS Status
- Logon/Logout
- Ping
- Maintenance
- Warm Restart
- Factory Default
- Software Upload
- Configuration File Transfer
- Logout

The central part of the screen is titled "LACP Port Configuration" and contains a table with 22 rows, each representing a port number from 1 to 22. The columns are "Port", "Protocol Enabled", "Key", and "Value". All ports are currently 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
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

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



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Configuration: RSTP System Configuration

The screenshot shows the RSTP System Configuration page of the DIGITUS web-based management interface. The left sidebar contains navigation links for Configuration, Monitoring, and Maintenance. The main content area is titled "RSTP System Configuration" and includes fields for System Priority (set to 32768), Hello Time (set to 2), Max Age (set to 20), Forward Delay (set to 15), and Force version (set to Normal). Below this is the "RSTP Port Configuration" section, which displays a table of 13 ports. Each row has columns for Port number, Protocol Enabled (checkbox), Edge (checkbox), and Path Cost (dropdown menu set to Auto). All ports are currently enabled and set to auto.

Port	Protocol Enabled	Edge	Path Cost
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.

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Configuration: 802.1x Configuration

The screenshot shows a Windows Internet Explorer browser window displaying the configuration interface of a DIGITUS 24-Port Gigabit Ethernet Web Smart Switch. The title bar reads "24 Port Gigabit Switch - Windows Internet Explorer". The main content area is titled "24 Port Gigabit Ethernet Switch". On the left, there is a navigation menu with links like System, Ports, VLANs, Advanced, LACP, IEEE 802.1Q, IEEE 802.1P, IEEE 802.1D, IEEE 802.1X, IEEE 802.3az, Monitoring, Quality of Service, IEEE 802.11n, Rate Limit, and Storm Control. Below this is a "Configuration" section with a "802.1X Configuration" sub-section. This sub-section includes fields for Mode (set to "Disabled"), RADIUS IP (0.0.0), RADIUS UDP Port (1812), and RADIUS Secret. The main table lists 19 ports, each with Admin State and Port State dropdown menus. Most ports are set to "Force Authorized" and "802.1X Disabled". Port 19 is set to "Force Authorized" and "802.1X Enabled". The table also includes columns for "Re-authenticate", "Force Reauthenticate", and "Statistics".

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

- Auto
- Force Authorized
- Force Unauthorized



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Configuration: IGMP Configuration

The screenshot shows the 'IGMP Configuration' page of the Digitus web interface. On the left, there's a sidebar with navigation links: System, Ports, VLANs, Advanced, QoS, L2P, 802.1Q, **IGMP Snooping**, Monitoring, Quality of Service, Flow, Rate Limit, Storm Control, and Maintenance. The 'IGMP Snooping' link is highlighted. The main content area has a title '24 Port Gigabit Ethernet Switch'. Under 'IGMP Configuration', there are two sections: 'IGMP Enabled' (checkbox checked) and 'Router Ports' (checkboxes for ports 1 through 24). Below that is 'Unregistered IPMC Flooding enabled' (checkbox checked). A table lists port configurations: VLAN ID, IGMP Snooping Enabled, and IGMP Querying Enabled. The first row shows VLAN ID 1, both checkboxes checked. At the bottom are 'Apply' and 'Refresh' buttons.

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



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Configuration: Mirroring Configuration

The screenshot shows a Windows Internet Explorer browser window displaying the configuration interface of a 24-Port Gigabit Ethernet Web Smart Switch. The title bar reads "24 Port Gigabit Switch - Windows Internet Explorer". The address bar shows the URL "http://192.168.2.1". The main content area is titled "24 Port Gigabit Ethernet Switch". On the left, there is a navigation menu with sections: Configuration (highlighted), Monitoring, and Maintenance. Under Configuration, there are links for System, Ports, VLANs, Advanced, LACP, QoS, 802.1x, QoS Snooping, Multicast, Quality of Service, Flow, Rate Limit, and Storm Control. The "Mirroring Configuration" section is currently selected. It contains a table with two columns: "Port" and "Mirror Source". The "Port" column lists ports 1 through 24. The "Mirror Source" column contains 24 checkboxes, all of which are currently unchecked.

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"/>

Mirroring Configuration 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 tick the check box of each port.



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Configuration: QoS Configuration

The screenshot shows the 'QoS Configuration' page of the DIGITUS 24-Port Gigabit Ethernet Switch. The main title is '24 Port Gigabit Ethernet Switch'. The left sidebar contains navigation links: Configuration (selected), System, Ports, VLANs, Applications, LACP, IEEE 802.1Q, IEEE 802.1X, IEEE 802.3ad Link Aggregation, Monitoring, Quality of Service, Flow, Rate Limit, Storm Control, and Maintenance. The 'QoS Mode' dropdown is set to 'QoS Disabled'. Below it are 'APPLY' and 'CANCEL' buttons. The right side of the page displays a detailed table of port configurations, including Port ID, Port Name, Type, Speed, Duplex, MAC Address, and Status. The bottom status bar shows the URL 'http://192.168.2.1/qos/index.html?refresh' and a battery icon.

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.

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Configuration: Filter Configuration

The screenshot shows a Windows Internet Explorer window displaying the configuration interface for a DIGITUS 24-Port Gigabit Ethernet Web Smart Switch. The title bar reads "24 Port Gigabit Switch - Windows Internet Explorer". The address bar shows the URL "http://192.168.2.1". The main content area is titled "24 Port Gigabit Ethernet Switch". On the left, there is a navigation menu with sections: Configuration (selected), System, Ports, VLANs, Advanced, L2SP, QoS, 802.1x, LLDP, Snooping, Monitoring, Quality of Service, Links, Rate Limit, Storm Control, Monitoring, and Maintenance. The "Configuration" section is currently active. The main content area is titled "Filter Configuration" and contains a table with 24 rows, each representing a port from 1 to 24. The columns are: Port, Mode, Source IP Filter, IP Address, IP Mask, and DHCP Server Allowed. All ports are currently set to "Disabled" in the Mode column. The "Source IP Filter" column contains checkboxes for each port, which are all checked. The "IP Address" and "IP Mask" columns are empty. The "DHCP Server Allowed" column contains checkboxes, all of which are checked.

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

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



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Configuration: Rate Limit Configuration

The screenshot shows a Windows Internet Explorer browser window displaying the configuration interface for a 24 Port Gigabit Ethernet Switch. The title bar reads "24 Port Gigabit Switch - Windows Internet Explorer". The address bar shows the URL "http://192.168.2.1". The main content area is titled "24 Port Gigabit Ethernet Switch". On the left, there is a navigation menu with sections: System, Ports, VLANs, Advanced, QoS, IEEE 802.1Q, IEEE 802.1X, IEEE 802.3ah, IEEE 802.3ad, Monitoring, Quality of Service, Filter, Rate Limit, Storm Control, Monitoring, Maintenance, and Logout. The "Rate Limit" section is currently selected. The main table, titled "Rate Limit Configuration", has columns for "Port", "Policer", and "Shaper". The table contains 24 rows, one for each port, with dropdown menus for selecting the mode. All dropdowns are set to "No Limit".

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

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



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Configuration: Storm Control configuration

The screenshot shows the configuration interface of a DIGITUS 24-Port Gigabit Ethernet Web Smart Switch. The main title is "24 Port Gigabit Ethernet Switch". On the left, there's a navigation menu with links like System, Ports, VLANs, Advanced, QoS, 802.1Q, 802.1X, QoS, Loop Snooping, Monitoring, Quality of Service, Flow, Rate Limit, and Storm Control. The "Storm Control" link is highlighted. The central part of the screen is titled "Storm Control Configuration" and contains a table 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 two buttons: "Apply" and "Refresh". At the bottom of the configuration page, there's a footer with links: Statistics Overview, Detailed Statistics, LACP Status, RSTP Status, IGMP Status, VoIP Status, and Ping.

You can set up storm control by configuring the modes.



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Monitoring: Statistics Overview for All Ports

The screenshot shows a web browser window for a '24 Port Gigabit Switch - Windows Internet Explorer'. The URL is http://192.168.2.1/. The title bar says '24 Port Gigabit Ethernet Web Smart Switch'. The main content area is titled 'Statistics Overview for all ports'. On the left, there's a navigation menu with links like Configuration, Monitoring, and Maintenance. Under Monitoring, 'Statistics Overview' is selected. The main part of the screen is a table showing port statistics for all 24 ports. The columns are Port, Tx Bytes, Tx Frames, Rx Bytes, Rx Frames, Tx Errors, and Rx Errors. The data shows that port 2 has transmitted 48721 bytes and received 28718 bytes, while other ports have transmitted 0 bytes.

Port	Tx Bytes	Tx Frames	Rx Bytes	Rx Frames	Tx Errors	Rx Errors
1	0	0	0	0	0	0
2	48721	78	28718	128	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
17	0	0	0	0	0	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	0	0	0	0	0	0
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0

You can read statistics for all ports.



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Monitoring: Statistics for Port

The screenshot shows the 'Statistics for Port 1' page of the DIGITUS web interface. The left sidebar includes links for Configuration, Monitoring (with sub-links for Statistics Overview, Details, Statistics, LACP, RSTP Status, VLAN Status, VoIP Status, Ping, and Maintenance), and Warm Restart. The main content area displays receive and transmit statistics for Port 1 across various categories: Total, Size Counters, and Error Counters.

Receive Total		Transmit Total	
Rx Packets	0	Tx Packets	0
Rx Errors	0	Tx Errors	0
Rx High Priority Packets	0	Tx High Priority Packets	0
Rx Low Priority Packets	0	Tx Low Priority Packets	0
Rx Broadcast	0	Tx Broadcast	0
Rx Multicast	0	Tx Multicast	0
Rx Unicast	0	Tx Unicast	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 128-256 Bytes	0	Tx 128-256 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 Collision	0
Rx Unicast	0	Tx Drop	0
Rx Overrun	0	Tx Overload	0
Rx Fragments	0	Tx Underrun	0
Rx Jabber	0	Tx Collisions	0
Rx Snags	0	Tx Collision Free	0

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



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Monitoring: LACP Status

The screenshot shows the 'LACP Aggregation Overview' section of the web interface. It displays a grid where each row represents a 'Group/Port' (1 to 24) and each column represents a physical port (1 to 24). The color coding indicates the status of each port:

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	Red	Green	Red																					

Legend:

- Down: Port link down
- Blocked: Port Blocked by RSTP. Number is Partner port number if other switch has LACP enabled
- Leaning: Port Leaning 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.



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Monitoring: RSTP Status

The screenshot shows the web-based management interface of a Digitus 24-Port Gigabit Ethernet Web Smart Switch. The main title bar reads "24 Port Gigabit Switch - Windows Internet Explorer". The left sidebar contains navigation links for Configuration, Monitoring, and Maintenance. Under Monitoring, the "RSTP Status" link is selected, which displays two tables: "RSTP VLAN Bridge Overview" and "RSTP Port Status".

RSTP VLAN Bridge Overview

VLAN Id	Bridge Id	Hello Time	Max Age	Fwd Delay	Topology	Root Id
1	32769.00-03-ce-07-00-6d	2	20	15	Steady	This switch is Root!

RSTP Port Status

Port/Group	Vlan Id	Port Cost	Edge Port	P2p Port	Protocol	Port State
Port 1						Non-RSTP
Port 2						Non-RSTP
Port 3						Non-RSTP
Port 4						Non-RSTP
Port 5						Non-RSTP
Port 6						Non-RSTP
Port 7						Non-RSTP
Port 8						Non-RSTP
Port 9						Non-RSTP
Port 10						Non-RSTP
Port 11						Non-RSTP
Port 12						Non-RSTP
Port 13						Non-RSTP
Port 14						Non-RSTP
Port 15						Non-RSTP
Port 16						Non-RSTP
Port 17						Non-RSTP
Port 18						Non-RSTP

You can read RSTP status for RSTP ports.



24-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: IGMP Status

The screenshot shows a Windows Internet Explorer window displaying the management interface of a Digitus 24-Port Gigabit Ethernet Web Smart Switch. The title bar reads "24 Port Gigabit Switch - Windows Internet Explorer". The address bar shows the URL "http://192.168.2.1". The main content area has a header "24 Port Gigabit Ethernet Switch". On the left, there's a navigation menu with sections like Configuration, Monitoring, and Maintenance. Under Configuration, "IGMP Status" is selected. The central part of the screen displays a table titled "IGMP Status" 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 bottom of the page shows the URL "http://192.168.2.1/gigabit/index.html&Refresh" and a status bar indicating "100%".

You can read IGMP status for IGMP ports.



24-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: VeriPHY Cable Diagnostics

The screenshot shows the 'VeriPHY Cable Diagnostics' section of the switch's web interface. On the left, there is a navigation menu with links like Configuration, Monitoring, and Maintenance. In the center, there are dropdown menus for 'Port' (set to Port 1) and 'Mode' (set to Full), and an 'Apply' button. Below these is a table titled 'Cable Status' with four rows labeled A, B, C, and D. Each row has three columns: Pair, Length [m], and Status. All entries in the table show a dash '-' in all three columns.

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.



24-Port GIGABIT ETHERNET WEB SMART SWITCH

Monitoring: Ping Parameters

The screenshot shows the 'Ping Parameters' section of the web interface. It includes fields for Target IP address (0.0.0.0), Count (1), and Time Out (in secs) (1). An 'Apply' button is present. Below this is the 'Ping Results' table:

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

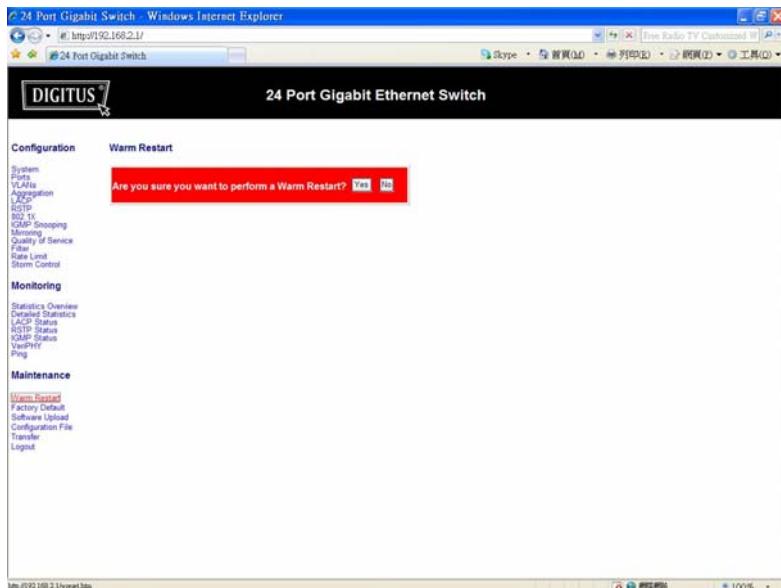
The left sidebar navigation includes Configuration, Monitoring (Statistics Overview, Details Statistics, LACP Status, VSTP Status, XQMP Status, VxPhy, Help), and Maintenance (Warm Restart, Factory Default, Software Upload, Configuration File Transfer, Logout).

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



24-Port GIGABIT ETHERNET WEB SMART SWITCH

Maintenance: Warm Restart

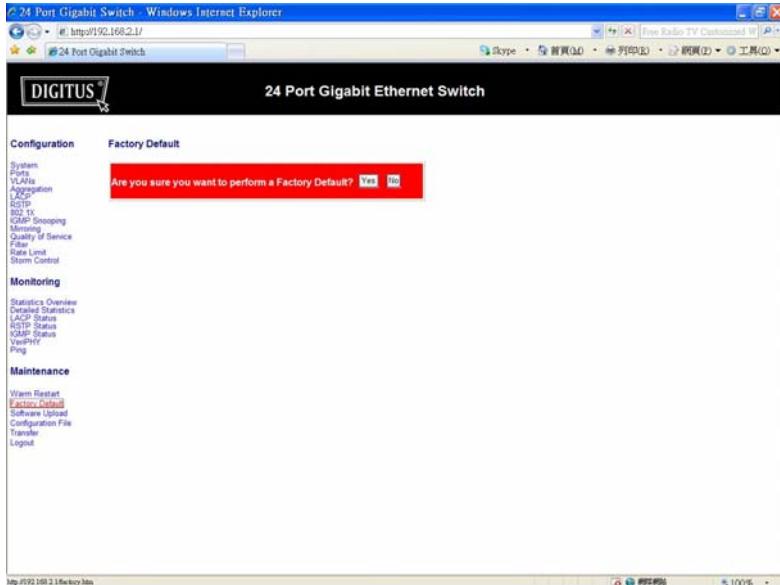


You can select yes/no to do the warm restart, and the new settings will be changed accordingly.



24-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.



24-Port GIGABIT ETHERNET WEB SMART SWITCH

Maintenance: Software Upload

The screenshot shows the configuration interface of a DIGITUS 24-Port Gigabit Ethernet Web Smart Switch. The main title bar reads "24 Port Gigabit Switch - Windows Internet Explorer". The address bar shows the URL "http://192.168.2.1". The page header includes the DIGITUS logo and the text "24 Port Gigabit Ethernet Switch". The left sidebar contains navigation links for Configuration (System, Ports, VLANs, Aggregation, LACP, RSTP, 802.1Q, 802.1p, IGMP Snooping, DiffServ, Quality of Service, Filter, Rate Limit, Storm Control), Monitoring (Statistics Overview, Detailed Statistics, LACP Status, VSTP Status, IGMP Status, VxPhy, Ping), and Maintenance (Warm Restart, Factory Default, Software Upload, Configuration File Transfer, Logout). The main content area is titled "Software Upload" and features a file input field and an "Upload" button.

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



24-Port GIGABIT ETHERNET WEB SMART SWITCH

Maintenance: Configuration Upload

The screenshot shows a Windows Internet Explorer browser window with the following details:

- Title Bar:** 24 Port Gigabit Switch - Windows Internet Explorer | http://192.168.2.1/
- Address Bar:** 24 Port Gigabit Switch
- Content Area:**
 - Header:** DIGITUS® 24 Port Gigabit Ethernet Switch
 - Left Sidebar (Configuration):**
 - System
 - Ports
 - VLANs
 - Aggregation
 - LACP
 - RSTP
 - 802.1Q
 - IGMP Snooping
 - DiffServ
 - Quality of Service
 - Filter
 - Rate Limit
 - Storm Control
 - Monitoring:**
 - Statistics Overview
 - Detailed Statistics
 - LACP Status
 - IGMP Status
 - IGMP Snooping
 - VeriPHY
 - Ping
 - Maintenance:**
 - Warm Restart
 - Factory Default
 - Software Upload
 - Configuration File** (highlighted)
 - Logout
- Center Content:**
 - Configuration Upload:** A file input field labeled "Select configuration file" and a "Upload" button.
 - Configuration Download:** A "Download" button.

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

Logout



24-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-based login interface. It features a light gray background with a blue border around the main content area. Inside, there is a heading "Please enter password to login" in bold blue text. Below it is a form field with a label "Password:" to its left. The password input field is currently empty and has a gray border. At the bottom of the form is a single button labeled "Apply".

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

IP: 192.168.2.1

Password: