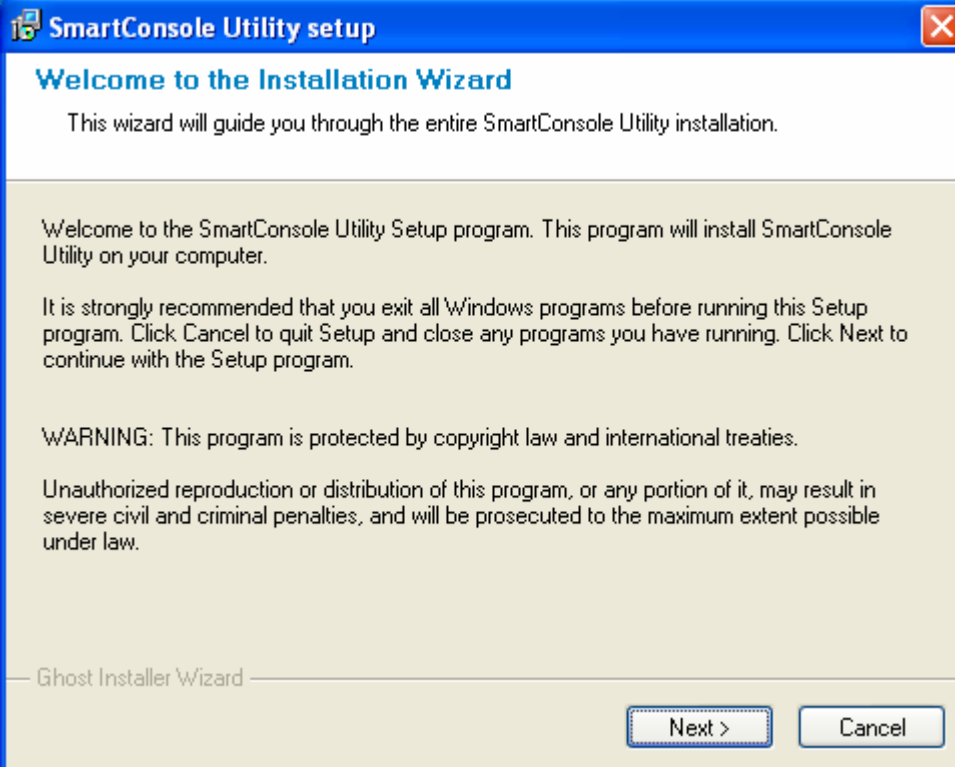


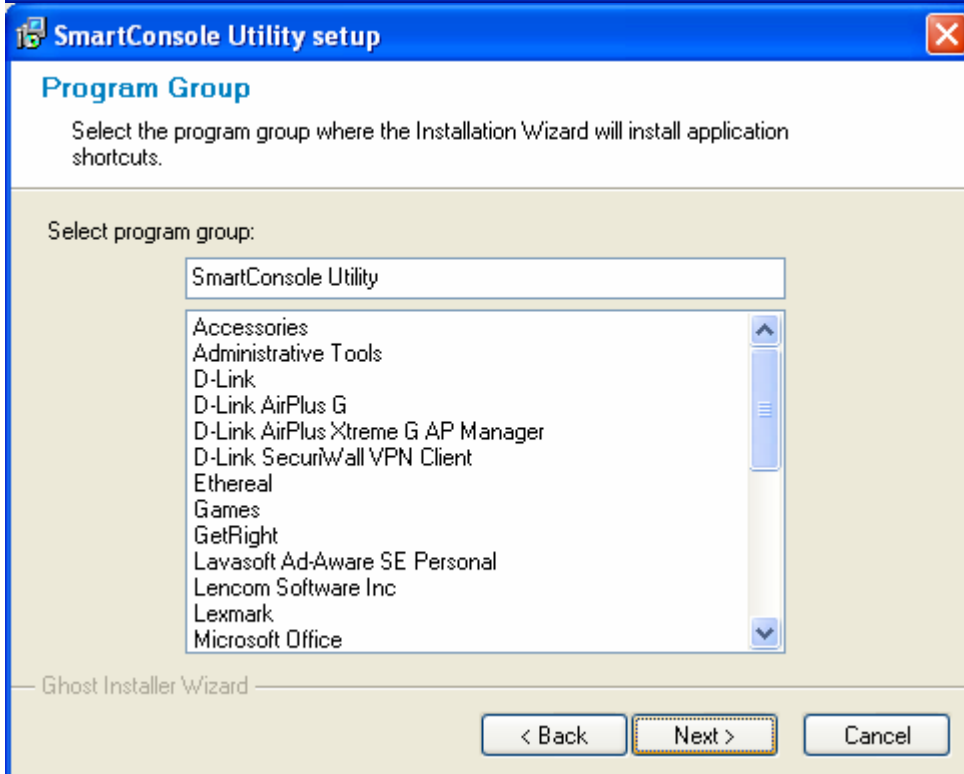
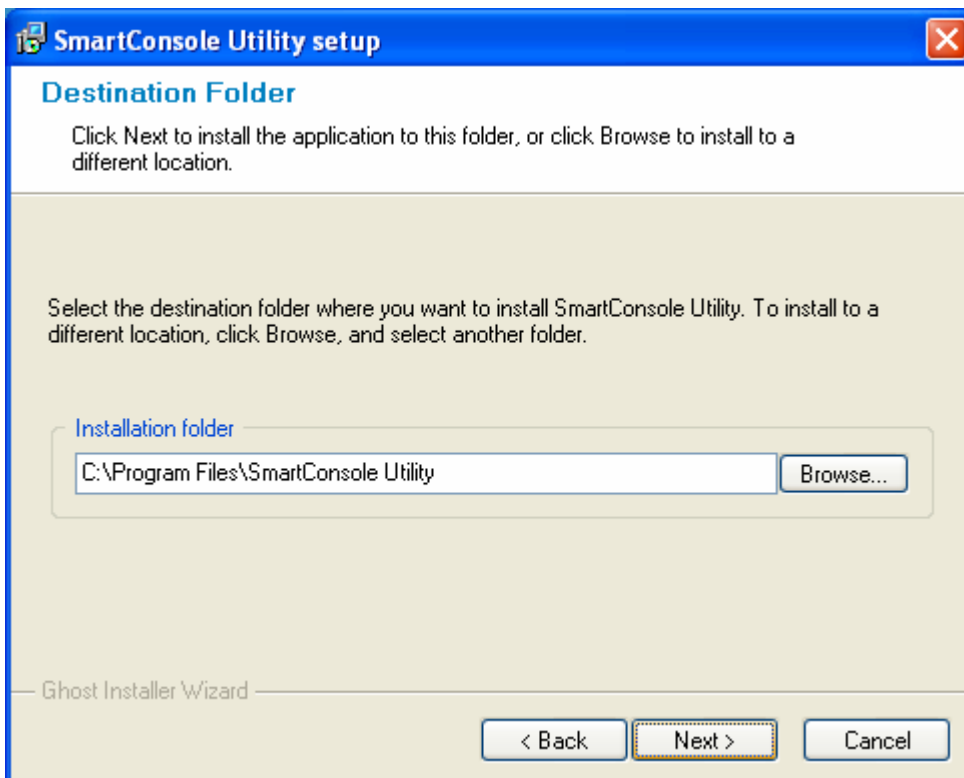
DGS-1216T
WEB SMART SWITCH
16-Port 10/100/1000 Mbps+2Combo Mini GBIC

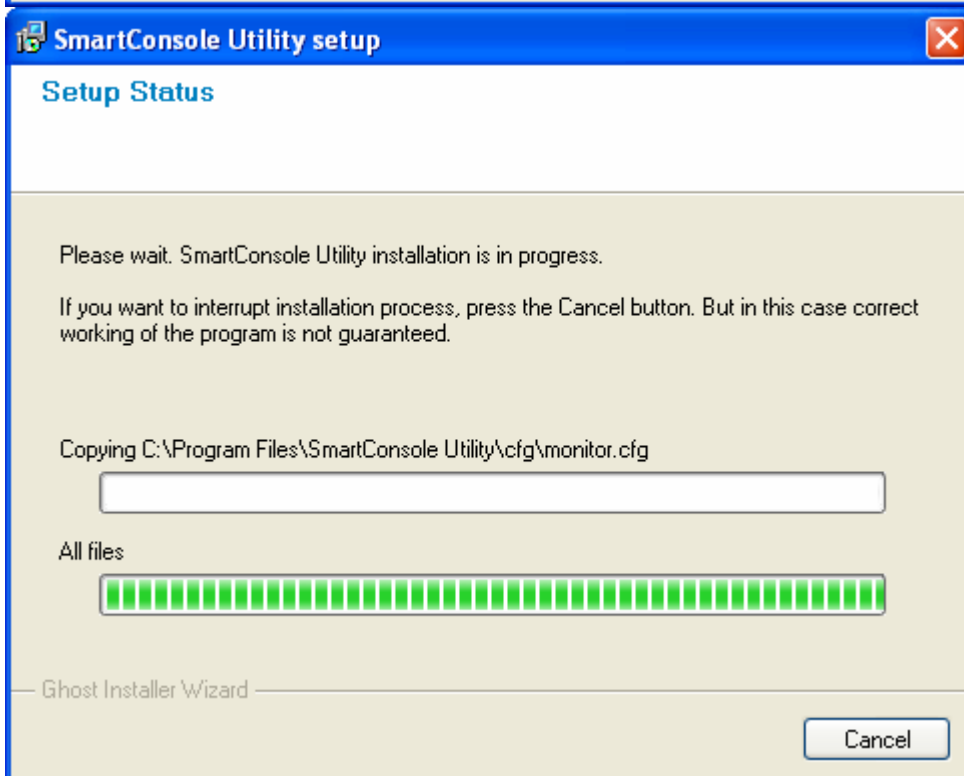
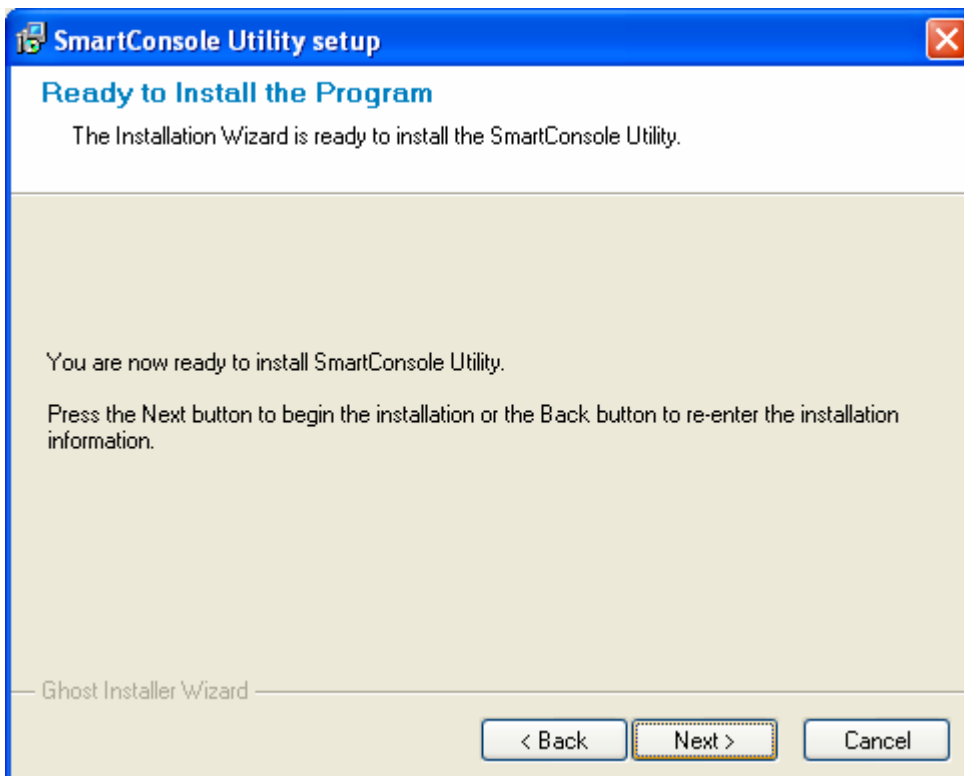
With D-Link Safeguard Engine, the robustness of D-Link Smart Switch will increase overall network serviceability, reliability and availability.

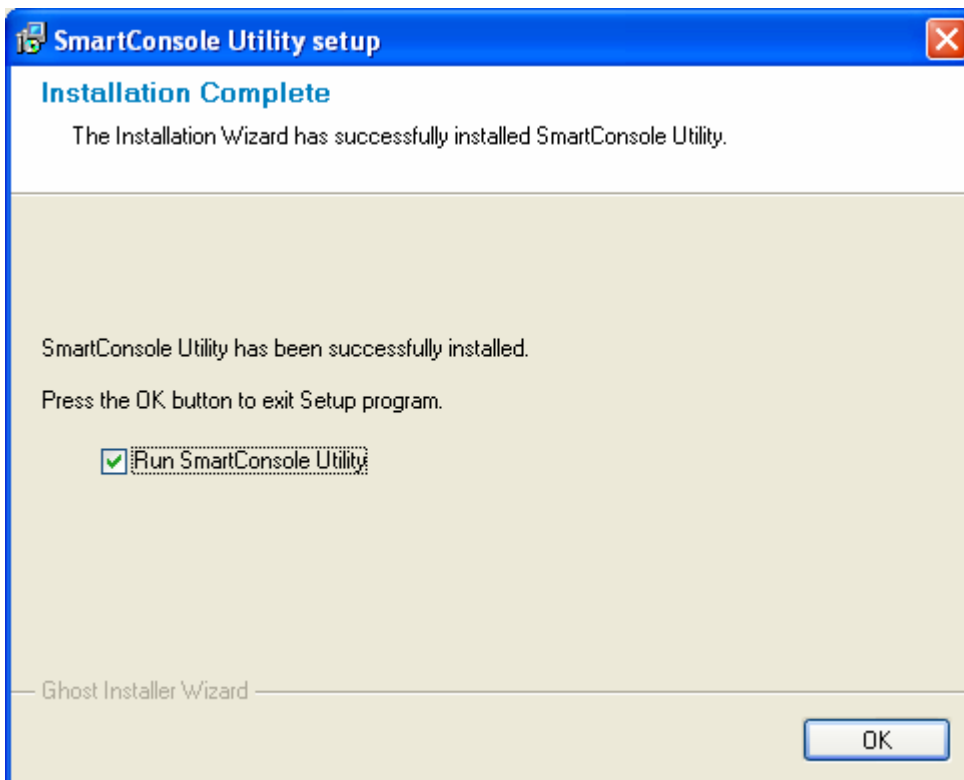


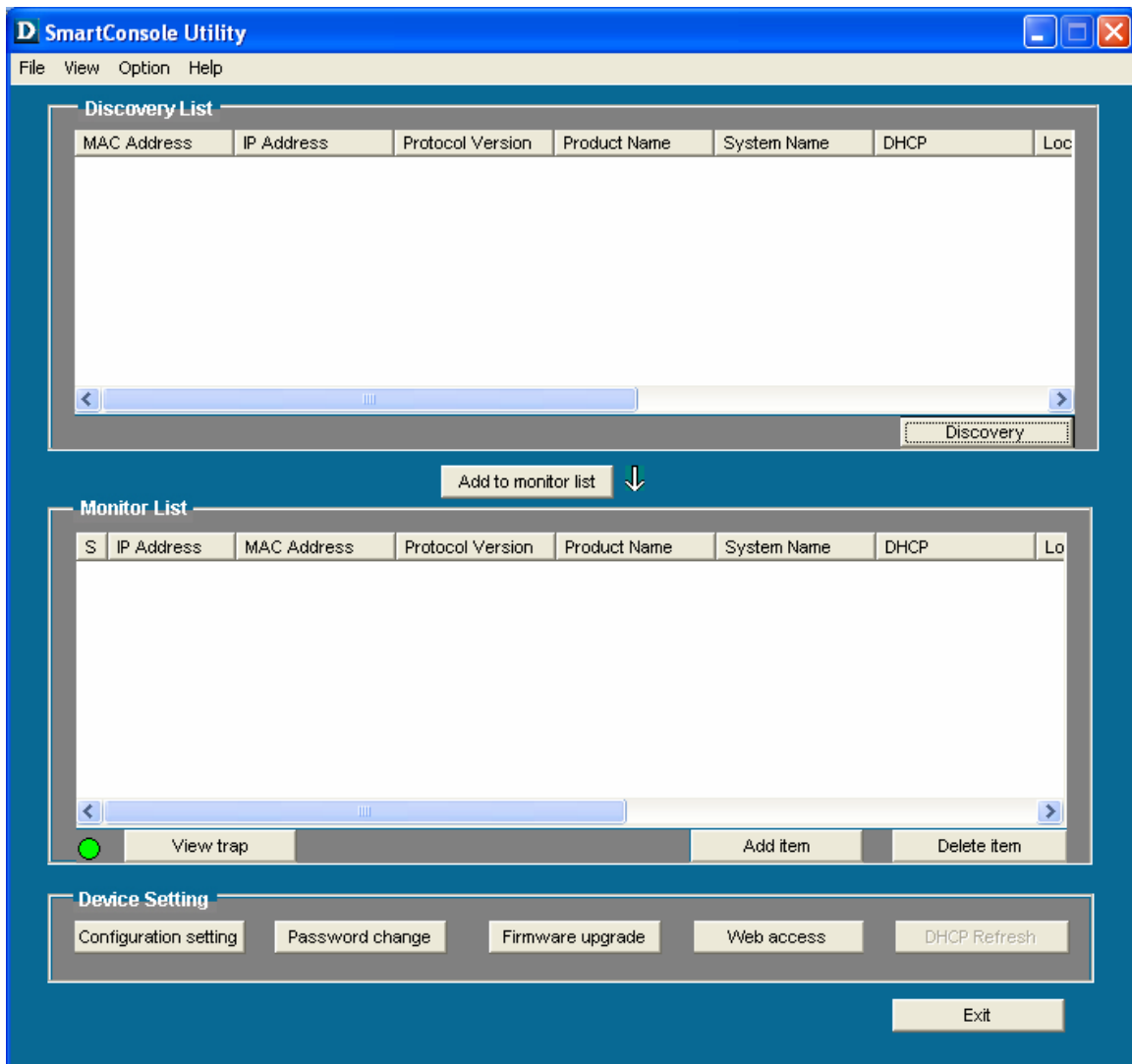
- Install SmartConsole Utility
- Quick Installation Guide
- Manual
- Install Acrobat Reader
- Visit support.dlink.com











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Logout

Tool

DGS-1216T

System

- System Setting
- Trap Setting
- Port Setting
- SNMP Setting
- Password Access Control

Configuration

- Jumbo Frame
- 802.1Q VLAN
- Trunking
- IGMP Snooping
- 802.1D Spanning Tree
- Port Mirroring

QoS

- 802.1p Default Priority

Security

- Safeguard Engine
- Broadcast Storm Control
- 802.1X
- MAC Address Table

Monitoring

- Statistics



Device Information

Safeguard

Device Type	DGS-1216T
Firmware Version	4.00.12
Protocol Version	2.001.003
MAC Address	00-13-46-37-36-fc
DHCP Client	Disabled setting
IP Address	10.1.2.254
Subnet Mask	255.255.255.0
Default Gateway	10.1.2.2
Safeguard Engine	Enabled setting
Trap IP	10.1.2.3
System Name	
System Location	
Login Timeout (minutes)	5
System Up Time	0 days 1 hours 3 mins 9 seconds
802.1D Spanning Tree	Disabled setting
Port Mirroring	Disabled setting
Broadcast Storm Control	Disabled setting
Jumbo Frame	Disabled setting
IGMP Snooping	Disabled setting
SNMP Status	Disabled setting
802.1X Status	Disabled setting

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System Setting

Safeguard

IP Information

☒ Static ☐ DHCP

IP Address

101254

Subnet Mask

2552552550

Gateway

10122

Apply

System Information

System Name

System Location

Login Timeout (3-30 minutes)

5

Group Interval (120-1225 seconds)

120

(Disable: 0 second)

Apply

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Tool

DGS-1216T

System

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Trap Setting for SmartConsole

Safeguard

☒ Enabled ☐ Disabled

Destination IP

10123

System Event

☒ Device Bootup ☒ Illegal Login

Fiber Port Event

☒ Link Up/ Link Down

Twisted Pair Port Event

☒ Link Up/ Link Down

Apply

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Port Setting

Safeguard

From Port

01

To Port

16

Speed

Auto

Flow Control

Disabled

ApplyRefresh

Port	Link Status	Speed	Flow Control	Priority
01	Down	100M Full	Disabled	Middle
02	Down	100M Full	Disabled	Middle
03	Down	100M Full	Disabled	Middle
04	Down	Auto	Disabled	Middle
05	Down	Auto	Disabled	Middle
06	Down	Auto	Disabled	Middle
07	Down	Auto	Disabled	Middle
08	Down	Auto	Disabled	Middle
09	Down	Auto	Disabled	Middle
10	Down	Auto	Disabled	Middle
11	Down	Auto	Disabled	Middle
12	Down	Auto	Disabled	Middle
13	100M Full	Auto	Disabled	Middle
14	Down	Auto	Disabled	Middle
15	Down	Auto	Disabled	Middle
16	100M C Full	Auto	Disabled	Middle

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System

System Setting

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Port Setting

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Configuration

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Security

Monitoring



SNMP Setting

Safeguard

SNMP ☐ Enabled ☒ Disabled

Community Setting

Access Right	Community Name
Read_Only	public
Read_Write	private

Apply

Trap Setting

☐ Enabled ☒ Disabled

Trap Name	IP	Event
public	0.0.0.0	☐ System Device Bootup ☐ Fiber Link Up / Link Down ☐ Fiber Abnormal Receive Error ☐ Fiber Abnormal Transmit Error ☐ Twisted Pair Link Up / Link Down ☐ Twisted Pair Abnormal Receive Error ☐ Twisted Pair Abnormal Transmit Error

Apply

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Logout

Tool

DGS-1216T

System

System Setting

Trap Setting

Port Setting

SNMP Setting

Password Access Control

Configuration

QoS

Security

Monitoring



Password Access Control

Safeguard

Old Password

New Password

(Password should be less than 20 characters)

Confirm Password

Apply

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Tool

Logout

DGS-1216T

System

Configuration

Jumbo Frame

802.1Q VLAN

Trunking

IGMP Snooping

802.1D Spanning Tree

Port Mirroring

QoS

Security

Monitoring



Jumbo Frame Configuration

Safeguard

Jumbo Frame: ☒ Enabled ☐ Disabled (Maximum Length is 10240 bytes)

Apply

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DGS-1216T

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Configuration

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802.1Q VLAN

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Monitoring



IEEE 802.1Q VLAN Configuration

Safeguard

VID	VLAN Name	Untag VLAN Ports	Tag VLAN Ports	VLAN Rename	Delete VID
01	default	1,2,3,4,5,6,7,8, 9,10,11,12,13,14,15,16		Rename	Delete VID

VID

2

Add VID

VLAN Name

Second_net

(Name should be less than 20 characters)

Port	Select All	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
Untag	All	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Tag	All	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Not Member	All	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒

Cancel

Apply

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Logout

Tool

DGS-1216T

System

Configuration

Jumbo Frame

802.1Q VLAN

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Trunking Configuration

Safeguard

ID	Trunking Name	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
01		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
02		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
03		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
04		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
05		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
06		☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Note : Trunking name should be less than 20 characters.

Apply

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Logout

Tool

DGS-1216T

System

Configuration

Jumbo Frame

802.1Q VLAN

Trunking

IGMP Snooping

802.1D Spanning Tree

Port Mirroring

QoS

Security

Monitoring



IGMP Snooping Configuration

Safeguard

IGMP Snooping ☒ Enabled ☐ Disabled

IGMP Global Setting

Query Interval (60-600 sec)

125

Host Timeout (130-1225 sec)

260

Max Response Time (10-25 sec)

10

Router Timeout (60-600 sec)

125

Robustness Variable (1-255 sec)

2

Leave Time (0-25 sec)

1

Last Member Query Interval (1-25 sec)

1

Apply

The VLAN Setting of IGMP snooping

VLAN ID	VLAN Name	State	Router Ports Setting	Multicast Entry Table
01	default	Enabled	Edit	View

Apply


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Logout

Tool

- DGS-1216T
- System
- Configuration
- QoS
 - 802.1p Default Priority
- Security
 - Safeguard Engine
 - Broadcast Storm Control**
 - 802.1X
 - MAC Address Table
- Monitoring



Broadcast Storm Control

Safeguard

Broadcast Storm Control Disabled

Threshold (bytes per second) 0

Apply


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Logout

Tool

- DGS-1216T
- System
- Configuration
- QoS
 - 802.1p Default Priority
- Security
 - Safeguard Engine
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 - 802.1X Setting**
 - MAC Address Table
- Monitoring



802.1X Setting

Safeguard

802.1X ☐ Enabled ☒ Disabled

802.1X Global Setting

Radius Server IP	0.0.0.0	QuietPeriod (0 - 65535)	80
Authentication Port (1 - 65535)	1812	SuppTimeout (1 - 65535)	12
Key		ServerTimeout (1 - 65535)	16
Confirm Key		MaxReq (1 - 10)	5
TxPeriod (1 - 65535)	24	ReAuthPeriod (1 - 4294967295)	3600
ReAuthEnabled	Enabled	Apply	

802.1X Port Access Control

From Port	To Port	Control	Apply	Refresh
01	16	Disabled		

Port	Control	Port Status	Session Time	User ID
01	Disable	*	0	*****
02	Disable	*	0	*****
03	Disable	*	0	*****
04	Disable	*	0	*****
05	Disable	*	0	*****

- DGS-1216T
- System
- Configuration
- QoS
- Security
- Monitoring
- Statistics



Statistics

Safeguard

Refresh

Clear Counter

Port	TxOK	RxOK	TxError	RxError
01	0	0	0	0
02	0	0	0	0
03	0	0	0	0
04	0	0	0	0
05	0	0	0	0
06	0	0	0	0
07	0	0	0	0
08	0	0	0	0
09	0	0	0	0
10	0	0	0	0
11	0	0	0	0
12	0	0	0	0
13	974	997	0	0
14	0	0	0	0
15	2972	2630	0	0
16	4794	5447	0	0