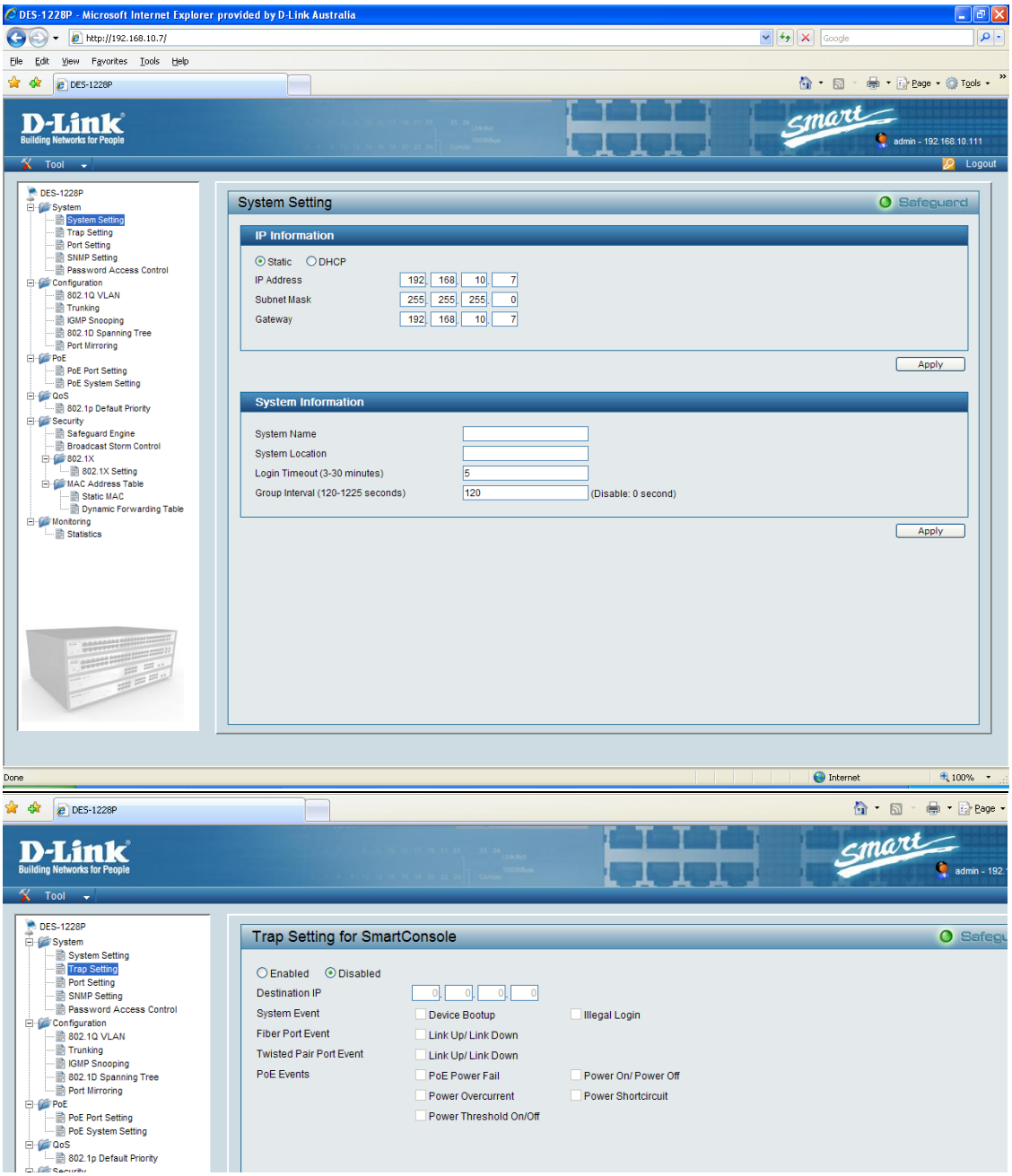
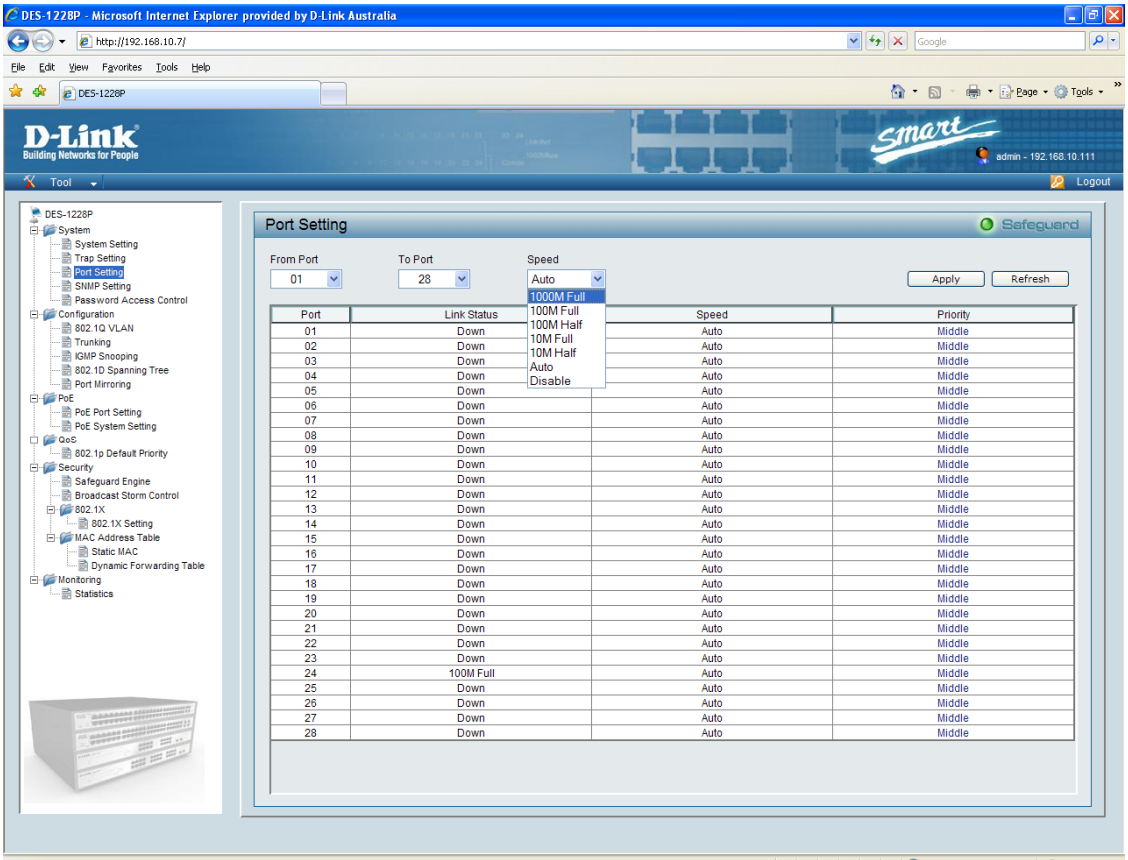
DES-1228P (FW 1.10.01, H/W A1)




DES-1228P - Microsoft Internet Explorer provided by D-Link Australia
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PoE System Setting
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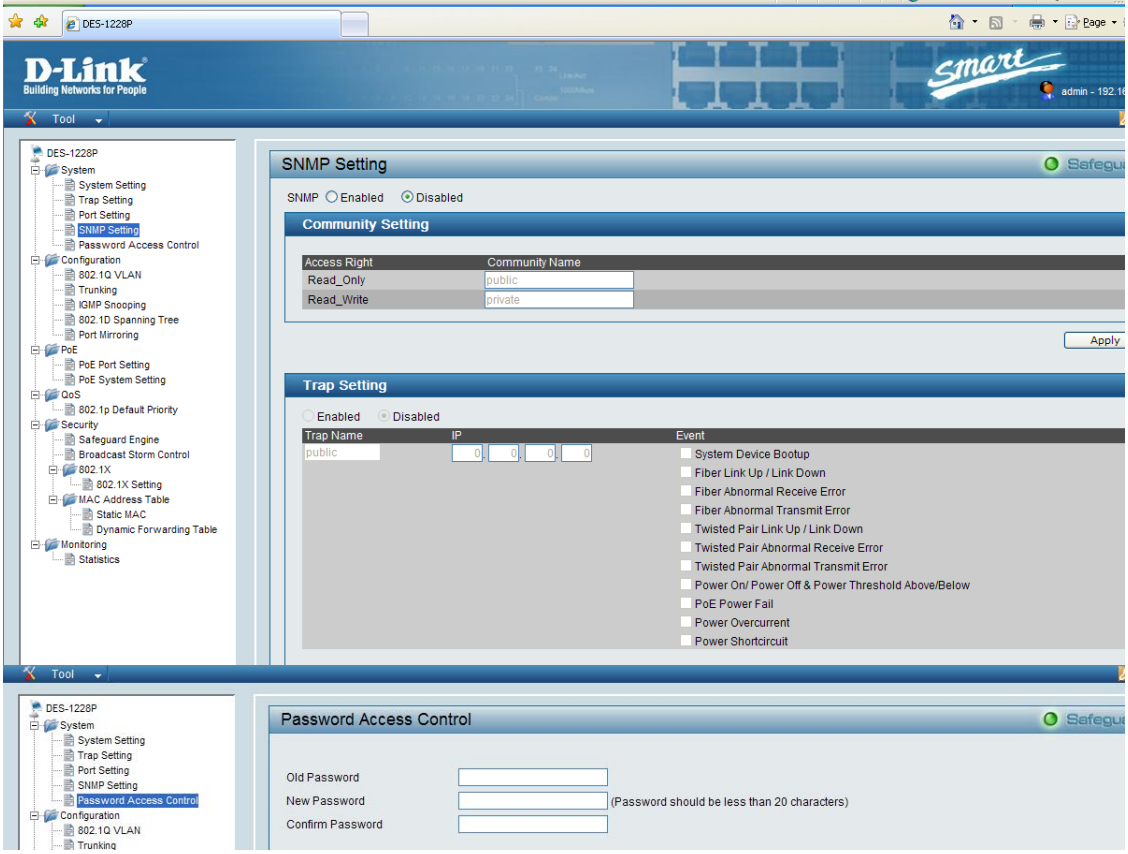
Safeguard
From Port
01
To Port
28
Speed
Auto
1000M Full
100M Full
100M Half
10M Full
10M Half
Auto
Disable
Apply
Refresh
Port Link Status Speed Priority
01 Down Auto Middle
02 Down Auto Middle
03 Down Auto Middle
04 Down Auto Middle
05 Down Auto Middle
06 Down Auto Middle
07 Down Auto Middle
08 Down Auto Middle
09 Down Auto Middle
10 Down Auto Middle
11 Down Auto Middle
12 Down Auto Middle
13 Down Auto Middle
14 Down Auto Middle
15 Down Auto Middle
16 Down Auto Middle
17 Down Auto Middle
18 Down Auto Middle
19 Down Auto Middle
20 Down Auto Middle
21 Down Auto Middle
22 Down Auto Middle
23 Down Auto Middle
24 100M Full Auto Middle
25 Down Auto Middle
26 Down Auto Middle
27 Down Auto Middle
28 Down Auto Middle
Done
Internet
100%


DES-1228P
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Statistics
SNMP Setting
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
Power On/ Power Off & Power Threshold Above/Below
PoE Power Fail
Power Overcurrent
Power Shortcircuit
Tool
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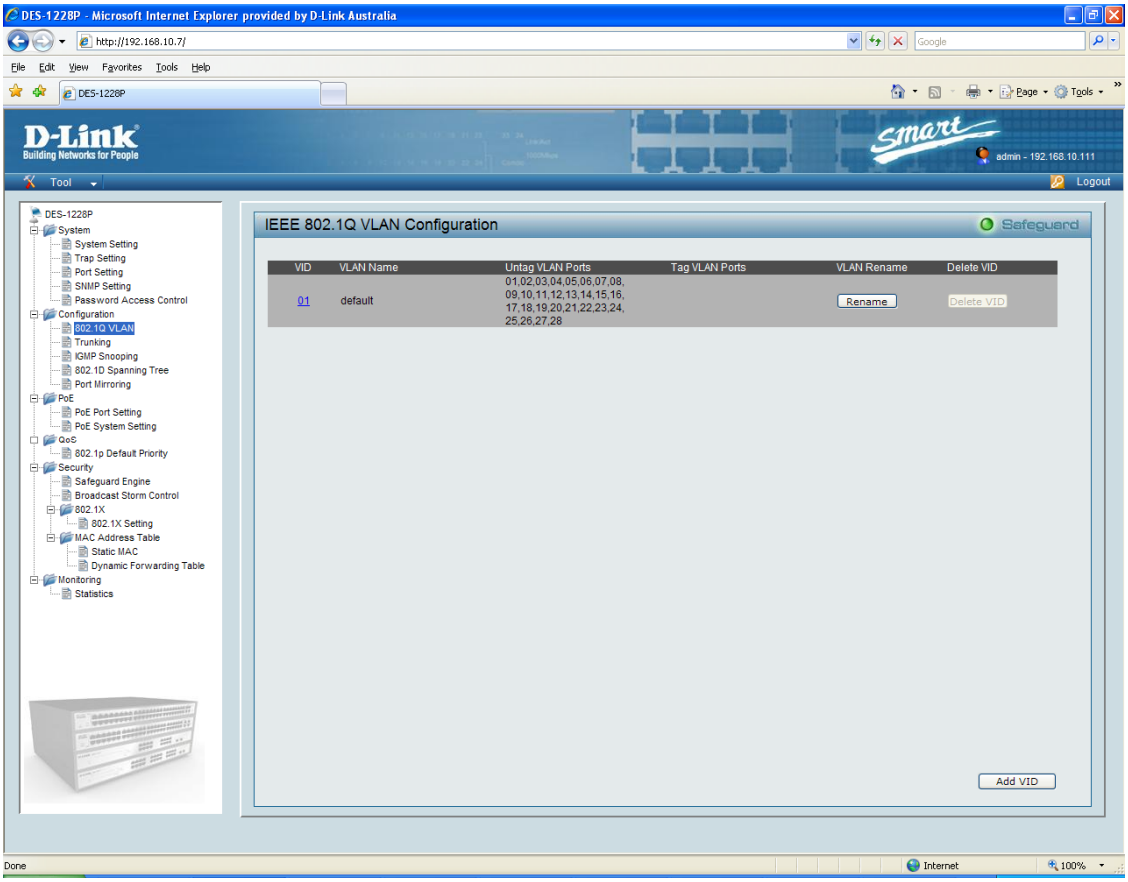
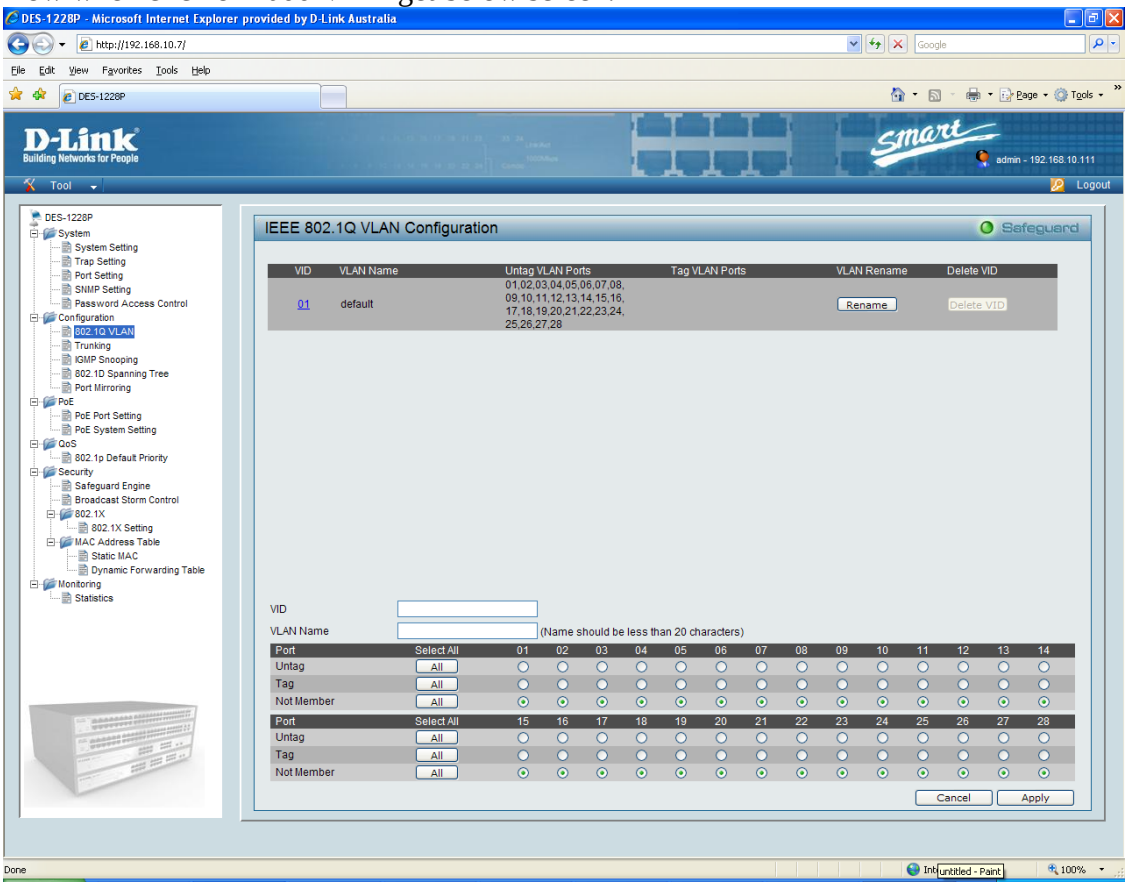
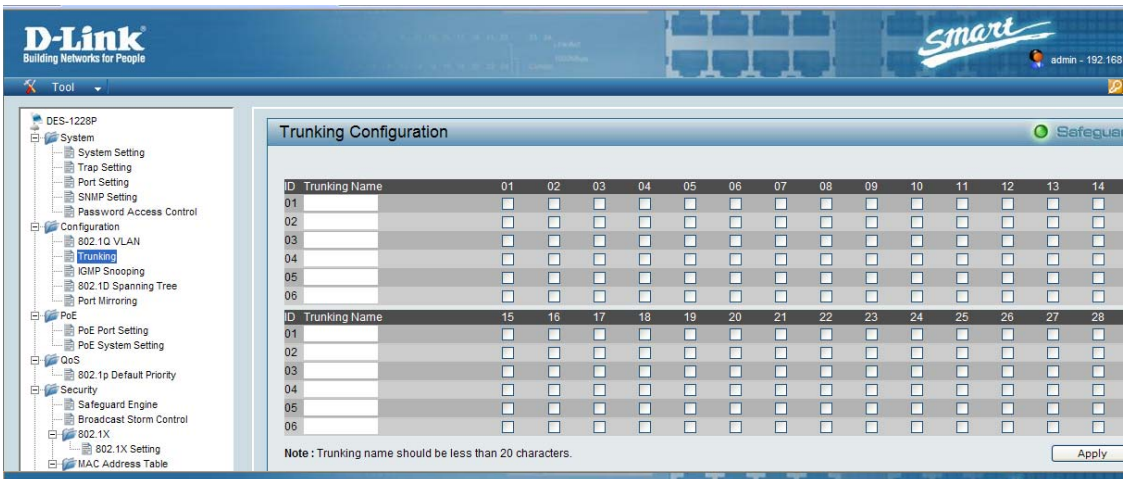
Port Setting
SNMP Setting
Password Access Control
Configuration
802.1Q VLAN
Trunking
Password Access Control
Old Password
New Password
(Password should be less than 20 characters)
Confirm Password



Now when click on “add VID” get below screen:

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PoE Port Setting
PoE System Setting
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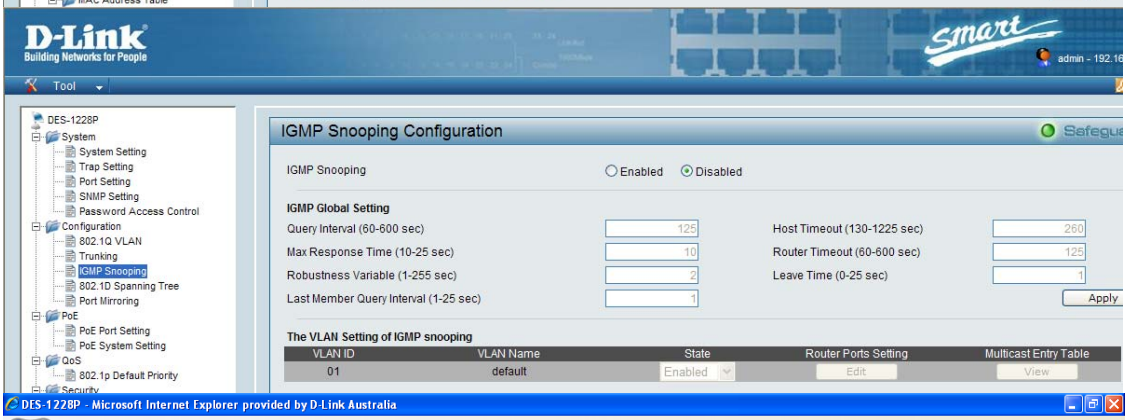
802.1X Setting
MAC Address Table
Trunking Configuration
Safeguar
ID Trunking Name 01 02 03 04 05 06 07 08 09 10 11 12 13 14
01
02
03
04
05
06
ID Trunking Name 15 16 17 18 19 20 21 22 23 24 25 26 27 28
01
02
03
04
05
06
Note : Trunking name should be less than 20 characters.
Apply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PoE System Setting
QoS
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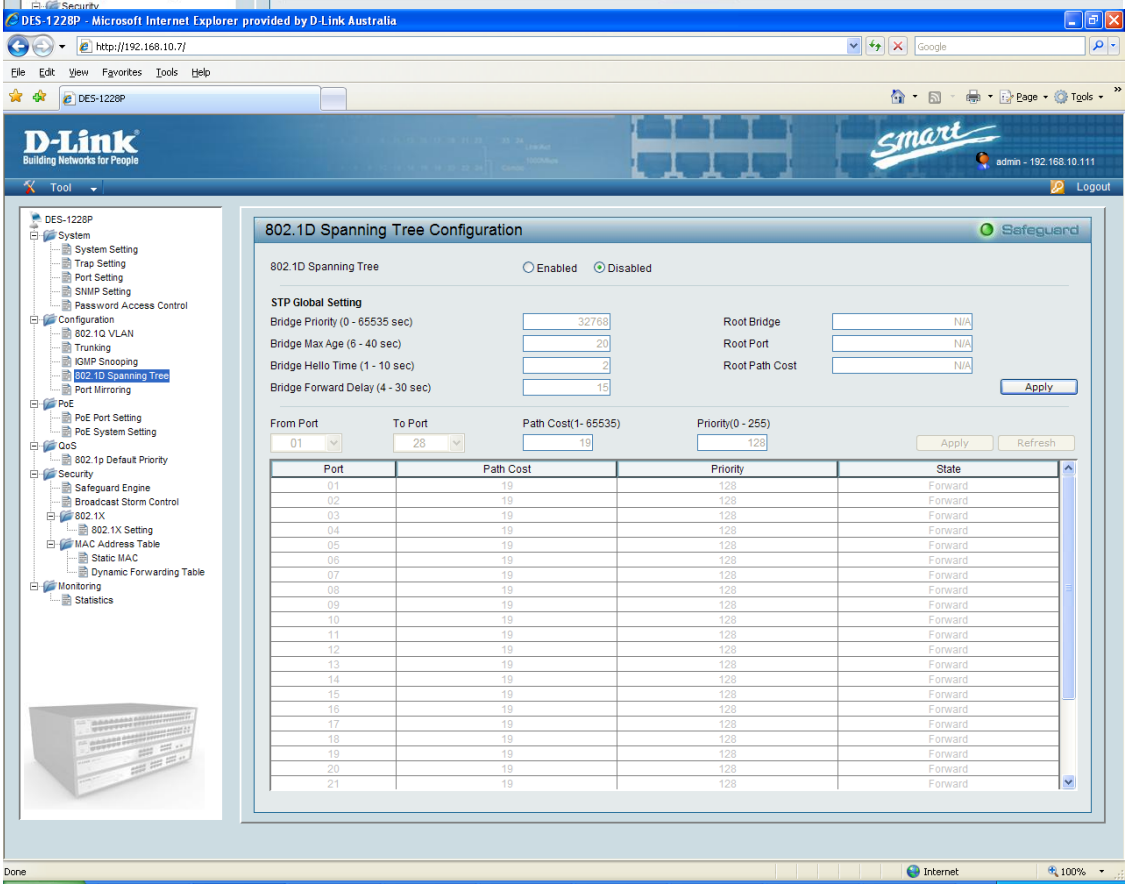
Security
IGMP Snooping Configuration
Safegua
IGMP Snooping
Enabled
Disabled
IGMP Global Setting
Query Interval (60-600 sec) 125
Max Response Time (10-25 sec) 10
Robustness Variable (1-255 sec) 2
Last Member Query Interval (1-25 sec) 1
Host Timeout (130-1225 sec) 260
Router Timeout (60-600 sec) 125
Leave Time (0-25 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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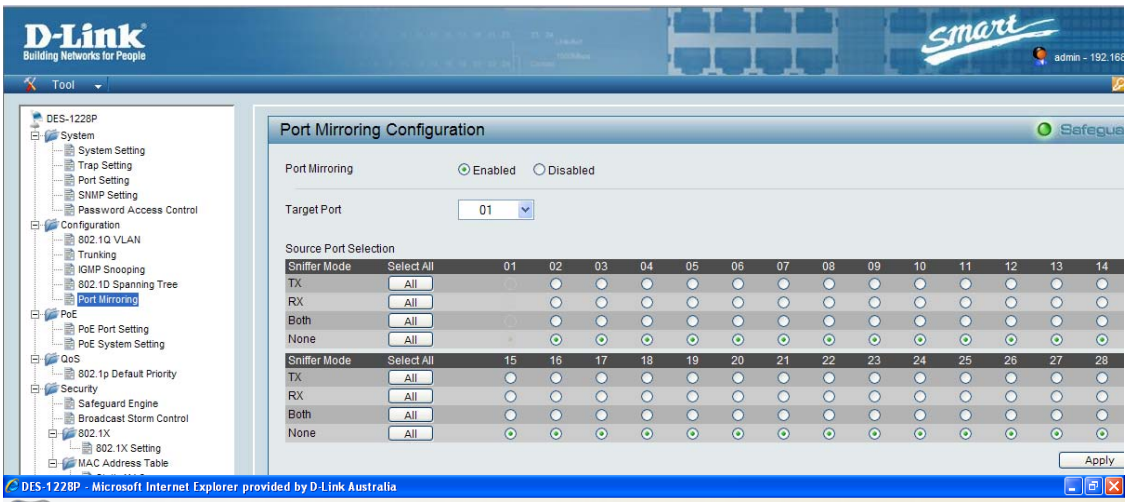
802.1D Spanning Tree Configuration
Safeguard
802.1D Spanning Tree
Enabled
Disabled
STP Global Setting
Bridge Priority (0 - 65535 sec) 32768
Bridge Max Age (6 - 40 sec) 20
Bridge Hello Time (1 - 10 sec) 2
Bridge Forward Delay (4 - 30 sec) 15
Root Bridge N/A
Root Port N/A
Root Path Cost N/A
Apply
From Port To Port Path Cost(1- 65535) Priority(0 - 255)
01 28 19 128
Apply Refresh
Port Path Cost Priority State
01 19 128 Forward
02 19 128 Forward
03 19 128 Forward
04 19 128 Forward
05 19 128 Forward
06 19 128 Forward
07 19 128 Forward
08 19 128 Forward
09 19 128 Forward
10 19 128 Forward
11 19 128 Forward
12 19 128 Forward
13 19 128 Forward
14 19 128 Forward
15 19 128 Forward
16 19 128 Forward
17 19 128 Forward
18 19 128 Forward
19 19 128 Forward
20 19 128 Forward
21 19 128 Forward
Done
Internet
100%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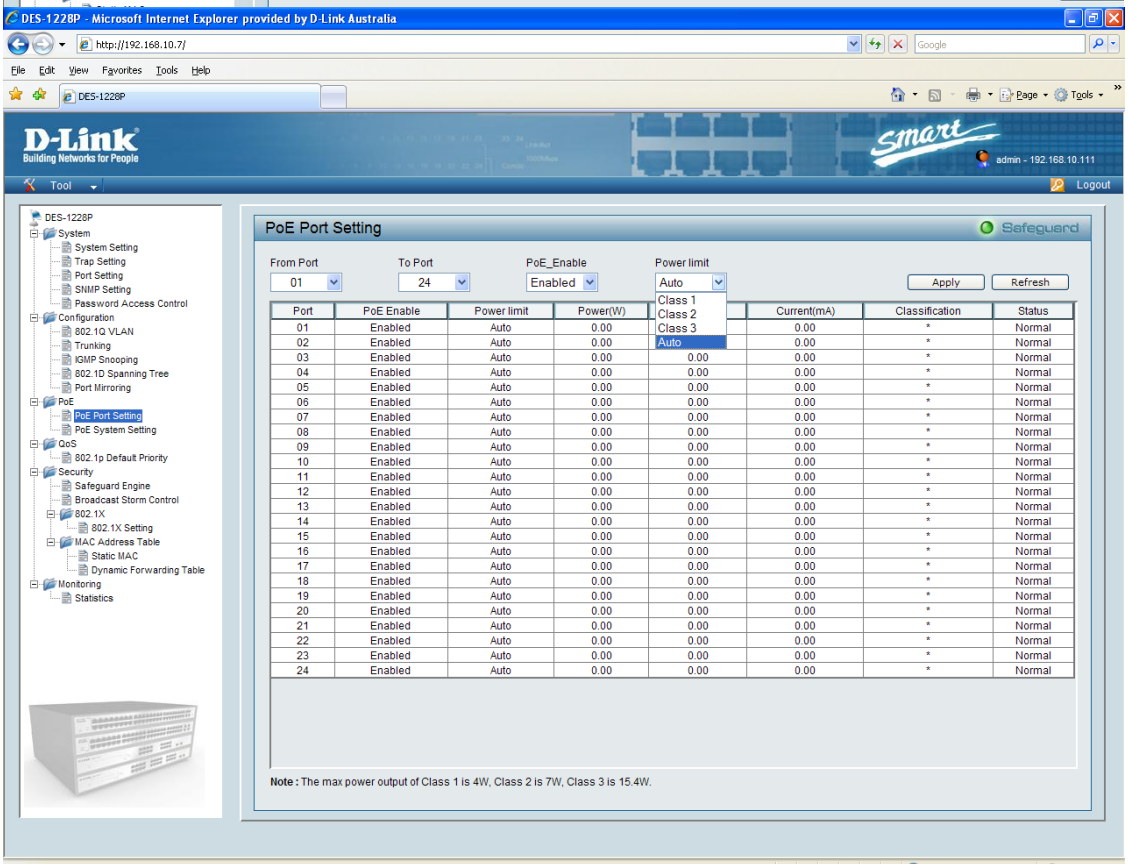
802.1X Setting
MAC Address Table
Port Mirroring Configuration
Safegue
Port Mirroring
Enabled
Disabled
Target Port
01
Source Port Selection
Sniffer Mode
Select All
01 02 03 04 05 06 07 08 09 10 11 12 13 14
TX All
RX All
Both All
None All
Sniffer Mode
Select All
15 16 17 18 19 20 21 22 23 24 25 26 27 28
TX All
RX All
Both All
None All
Apply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Safeguard
From Port
To Port
PoE_Enable
Power limit
01
24
Enabled
Auto
Class 1
Class 2
Class 3
Auto
Apply
Refresh
Port | PoE Enable | Power limit | Power(W) | Current(mA) | Classification | Status
01 Enabled Auto 0.00 0.00 0.00 * Normal
02 Enabled Auto 0.00 0.00 0.00 * Normal
03 Enabled Auto 0.00 0.00 0.00 * Normal
04 Enabled Auto 0.00 0.00 0.00 * Normal
05 Enabled Auto 0.00 0.00 0.00 * Normal
06 Enabled Auto 0.00 0.00 0.00 * Normal
07 Enabled Auto 0.00 0.00 0.00 * Normal
08 Enabled Auto 0.00 0.00 0.00 * Normal
09 Enabled Auto 0.00 0.00 0.00 * Normal
10 Enabled Auto 0.00 0.00 0.00 * Normal
11 Enabled Auto 0.00 0.00 0.00 * Normal
12 Enabled Auto 0.00 0.00 0.00 * Normal
13 Enabled Auto 0.00 0.00 0.00 * Normal
14 Enabled Auto 0.00 0.00 0.00 * Normal
15 Enabled Auto 0.00 0.00 0.00 * Normal
16 Enabled Auto 0.00 0.00 0.00 * Normal
17 Enabled Auto 0.00 0.00 0.00 * Normal
18 Enabled Auto 0.00 0.00 0.00 * Normal
19 Enabled Auto 0.00 0.00 0.00 * Normal
20 Enabled Auto 0.00 0.00 0.00 * Normal
21 Enabled Auto 0.00 0.00 0.00 * Normal
22 Enabled Auto 0.00 0.00 0.00 * Normal
23 Enabled Auto 0.00 0.00 0.00 * Normal
24 Enabled Auto 0.00 0.00 0.00 * Normal
Note : The max power output of Class 1 is 4W, Class 2 is 7W, Class 3 is 15.4W.
Done
Internet
100%

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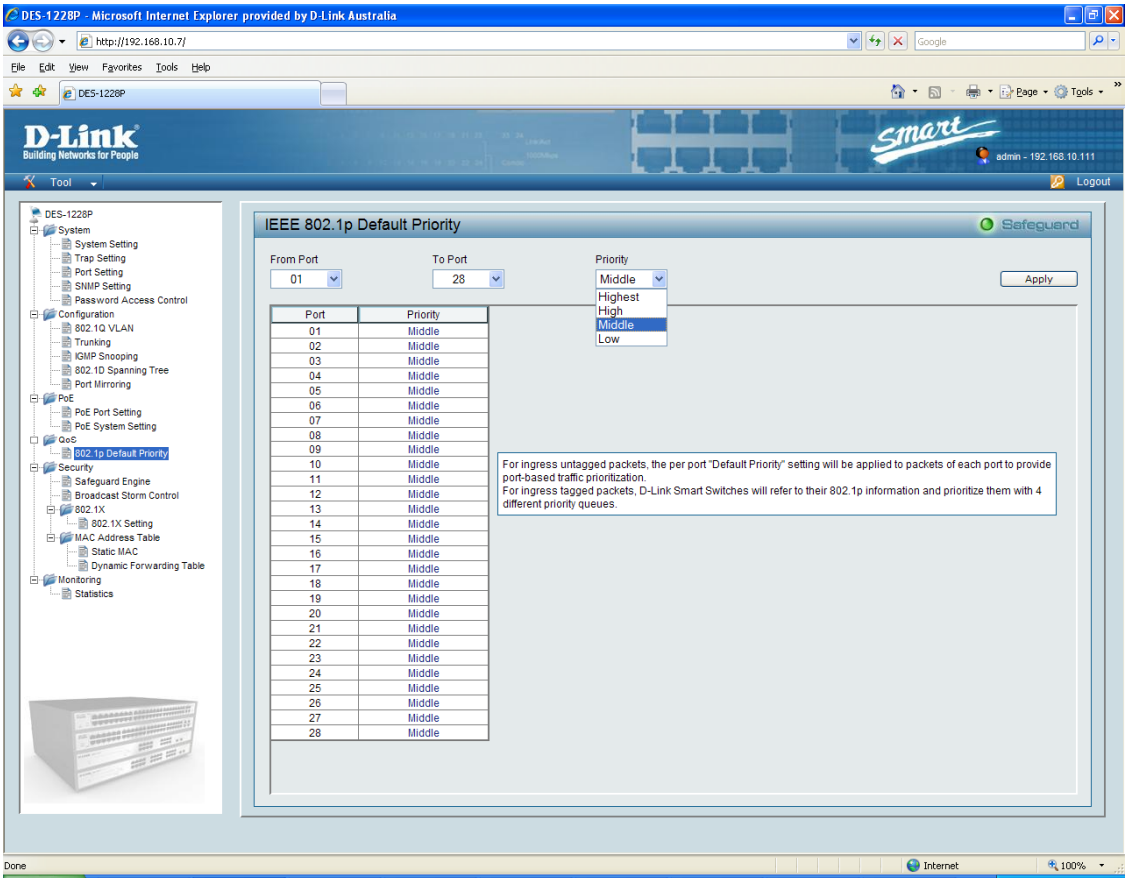
PoE System setting
Safegue
System Power Threshold
136 W (1 ~ 169)
Apply
System Power Status
System Budget Power 170 W
Support Total Power 0.00 W
Remainder Power 170.00 W
The ratio of system power supply 0.00 %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PoE System Setting
QoS
802.1p Default Priority
Security
Safeguard Engine
Broadcast Storm Control
802.1X
802.1X Setting
MAC Address Table
Static MAC
Dynamic Forwarding Table
Monitoring
Statistics
IEEE 802.1p Default Priority
Safeguard
From Port
01
To Port
28
Priority
Middle
Highest
High
Middle
Low
Apply
Port
Priority
01 Middle
02 Middle
03 Middle
04 Middle
05 Middle
06 Middle
07 Middle
08 Middle
09 Middle
10 Middle
11 Middle
12 Middle
13 Middle
14 Middle
15 Middle
16 Middle
17 Middle
18 Middle
19 Middle
20 Middle
21 Middle
22 Middle
23 Middle
24 Middle
25 Middle
26 Middle
27 Middle
28 Middle
For ingress untagged packets, the per port "Default Priority" setting will be applied to packets of each port to provide port-based traffic prioritization.
For ingress tagged packets, D-Link Smart Switches will refer to their 802.1p information and prioritize them with 4 different priority queues.
Done
Internet
100%

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SNMP Setting
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Configuration
802.1Q VLAN
Safeguard Engine
Safeguard Engine:
Enabled
Disabled
Apply
D-Link Safeguard Engine is a robust and innovative technology developed by D-Link, which will automatically throttle the impact of packet flooding into the switch's CPU. It will keep D-Link Switches better protected from being too frequently interrupted by malicious viruses or worm attacks.

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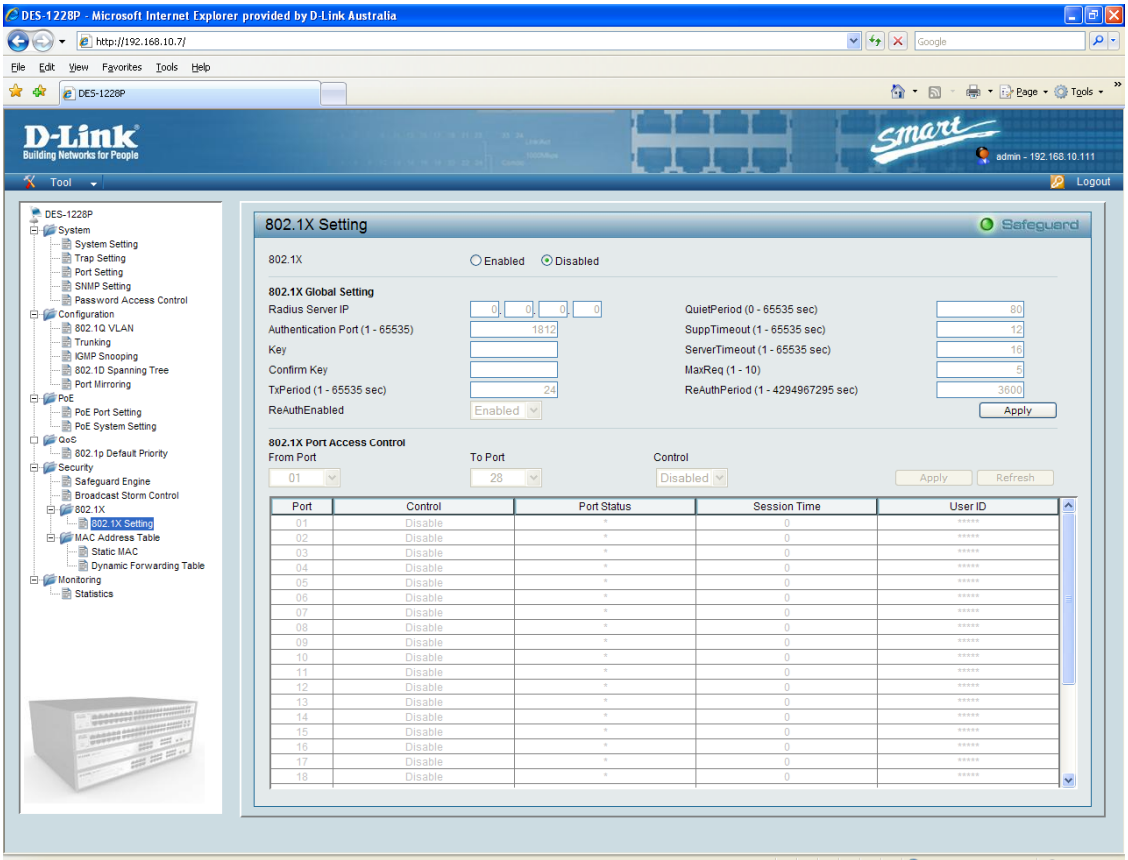
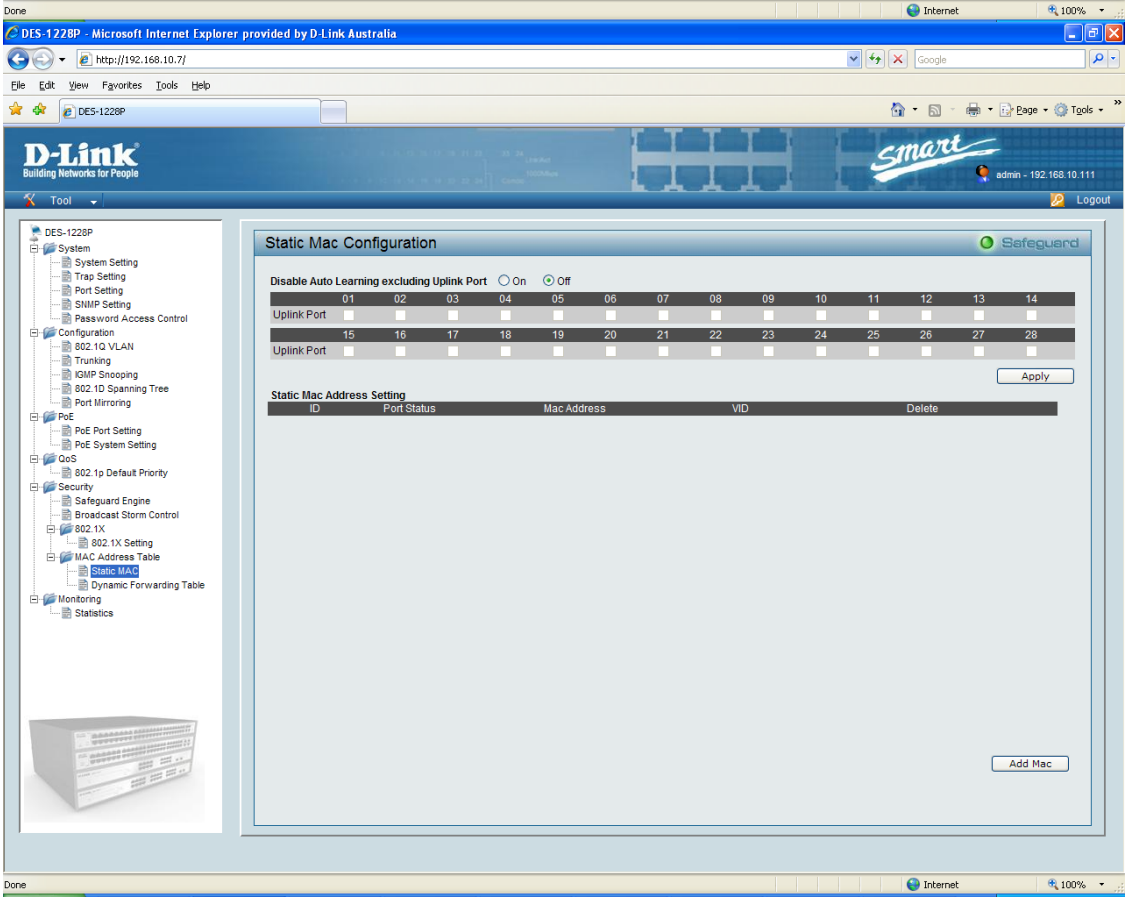
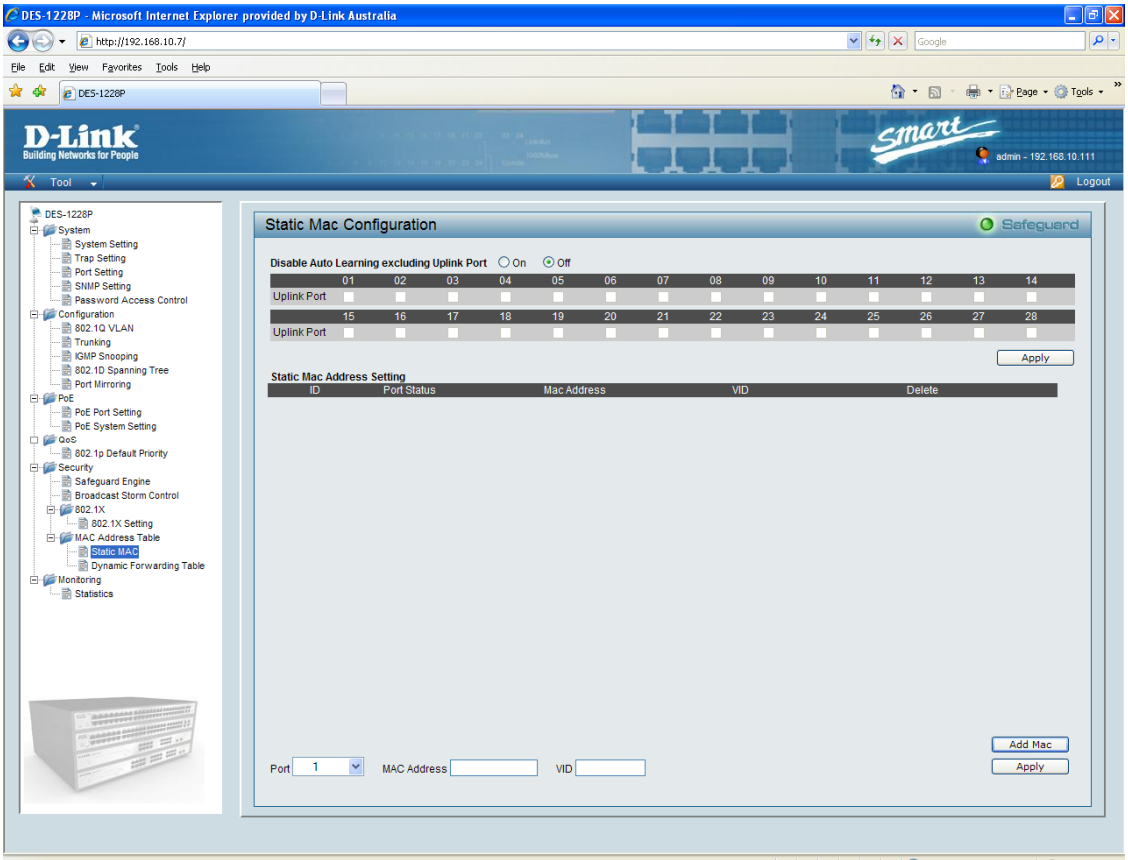
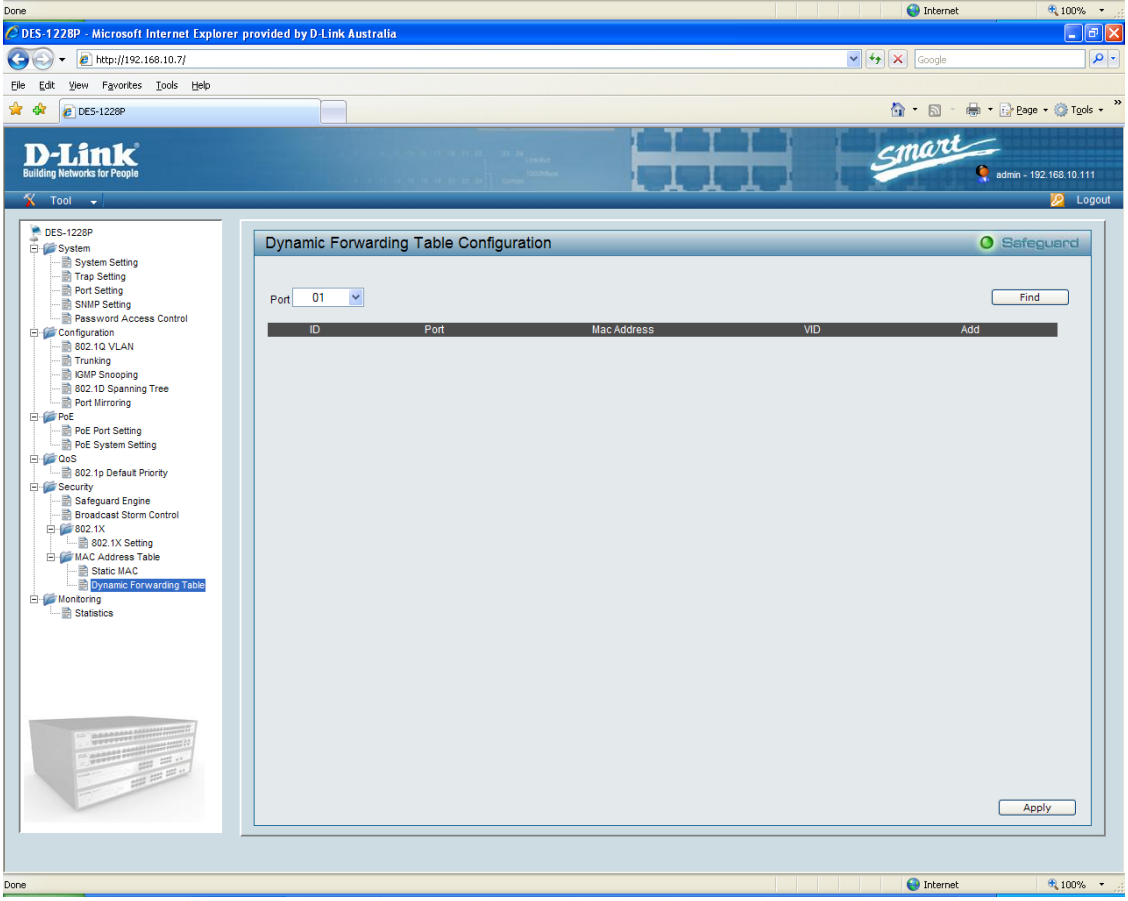
Password Access Control
Broadcast Storm Control
Broadcast Storm Control
Disabled
Threshold (bytes per second)
0
Apply



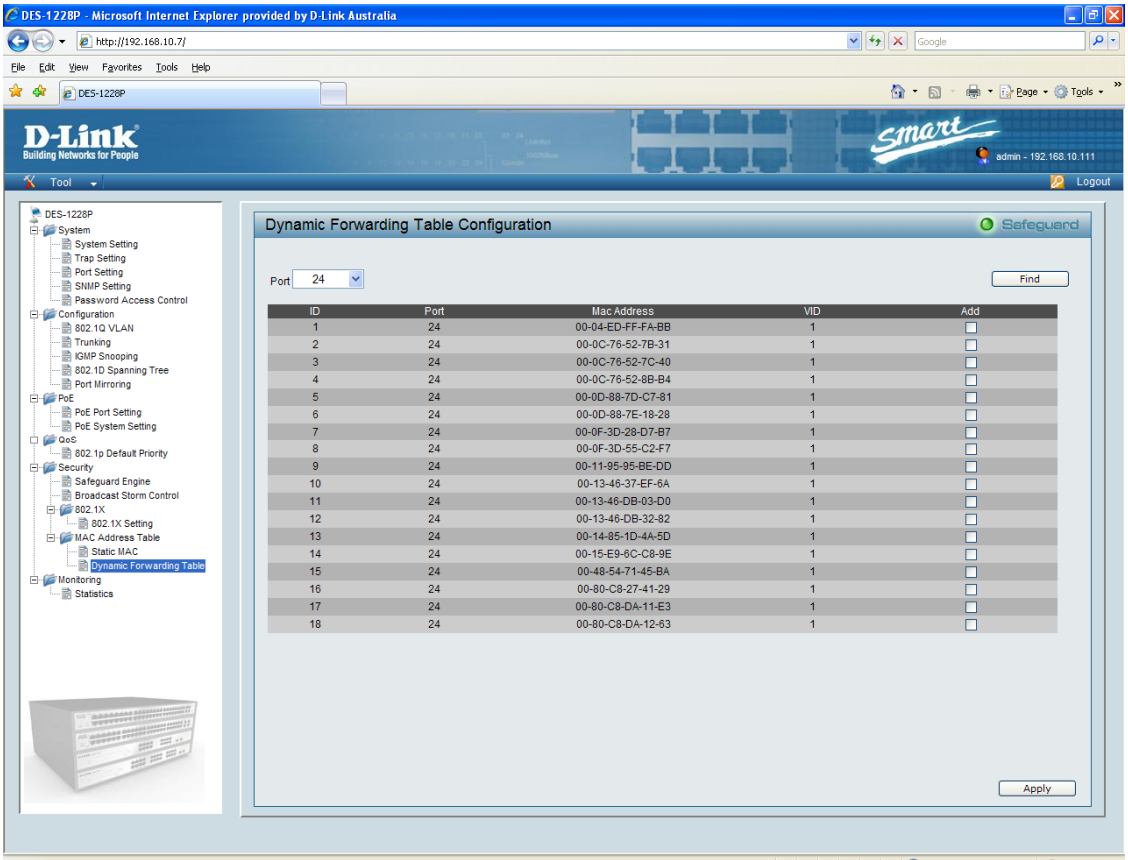


Click on “add Mac” and get below screen:





If you select port 24 which is connected to our network, get below screen after “Find”: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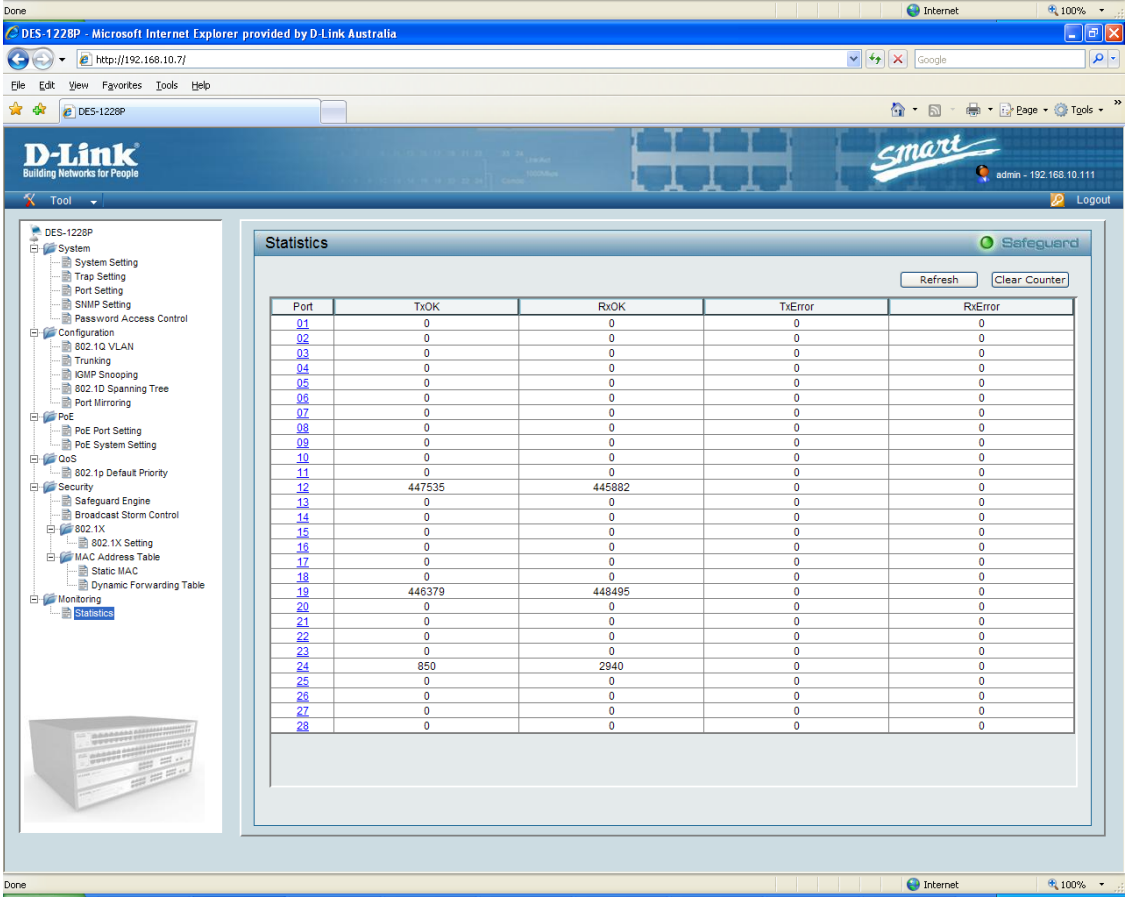
802.1X
802.1X Setting
MAC Address Table
Static MAC
Dynamic Forwarding Table
Monitoring
Statistics
Dynamic Forwarding Table Configuration
Safeguard
Port 24
Find
ID Port Mac Address VID Add
1 24 00-04-ED-FF-FA-BB 1
2 24 00-0C-76-52-7B-31 1
3 24 00-0C-76-52-7C-40 1
4 24 00-0C-76-52-8B-B4 1
5 24 00-0D-88-7D-C7-81 1
6 24 00-0D-88-7E-18-28 1
7 24 00-0F-3D-28-D7-B7 1
8 24 00-0F-3D-55-C2-F7 1
9 24 00-11-95-95-BE-DD 1
10 24 00-13-46-37-EF-6A 1
11 24 00-13-46-DB-03-D0 1
12 24 00-13-46-DB-32-82 1
13 24 00-14-85-1D-4A-5D 1
14 24 00-15-E9-6C-C8-9E 1
15 24 00-48-54-71-45-BA 1
16 24 00-80-C8-27-41-29 1
17 24 00-80-C8-DA-11-E3 1
18 24 00-80-C8-DA-12-63 1
Apply
Done
Internet
100%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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 447535 445882 0 0
13 0 0 0 0
14 0 0 0 0
15 0 0 0 0
16 0 0 0 0
17 0 0 0 0
18 0 0 0 0
19 446379 448495 0 0
20 0 0 0 0
21 0 0 0 0
22 0 0 0 0
23 0 0 0 0
24 850 2940 0 0
25 0 0 0 0
26 0 0 0 0
27 0 0 0 0
28 0 0 0 0
Done
Internet
100%