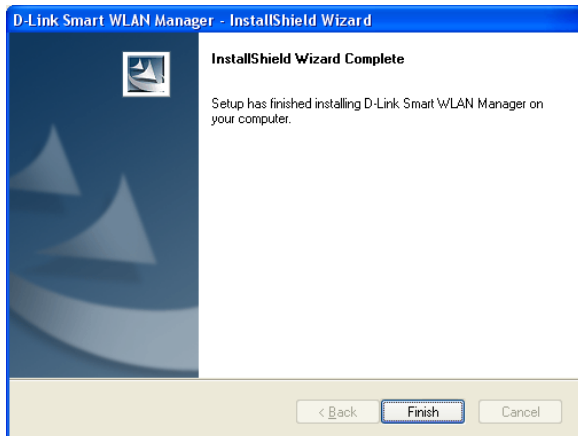
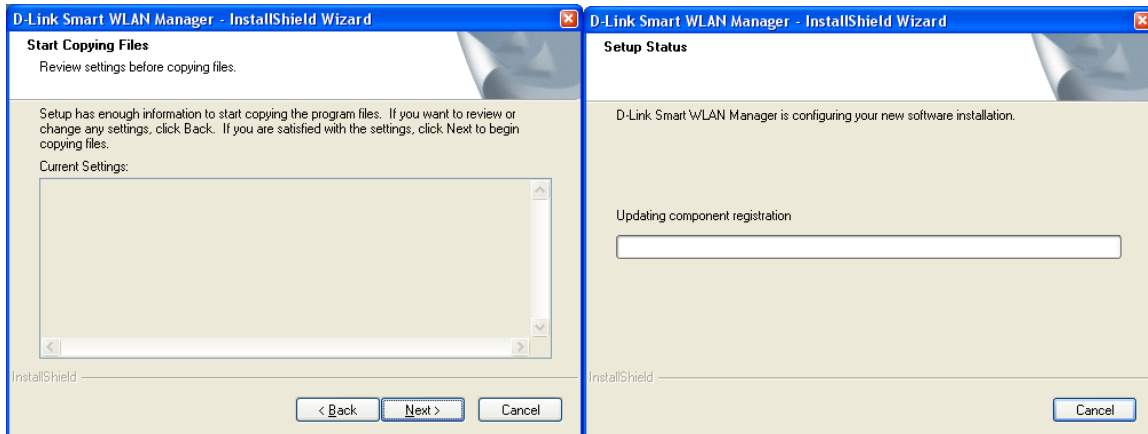
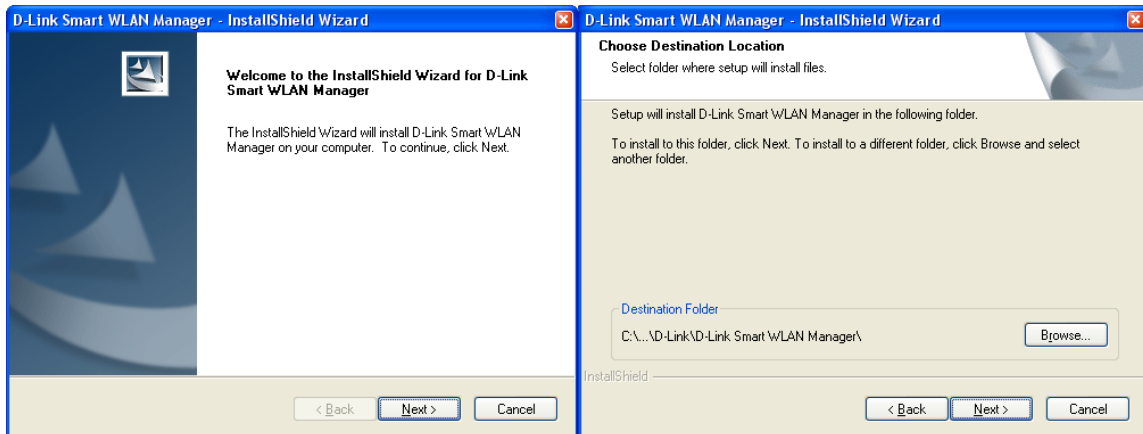
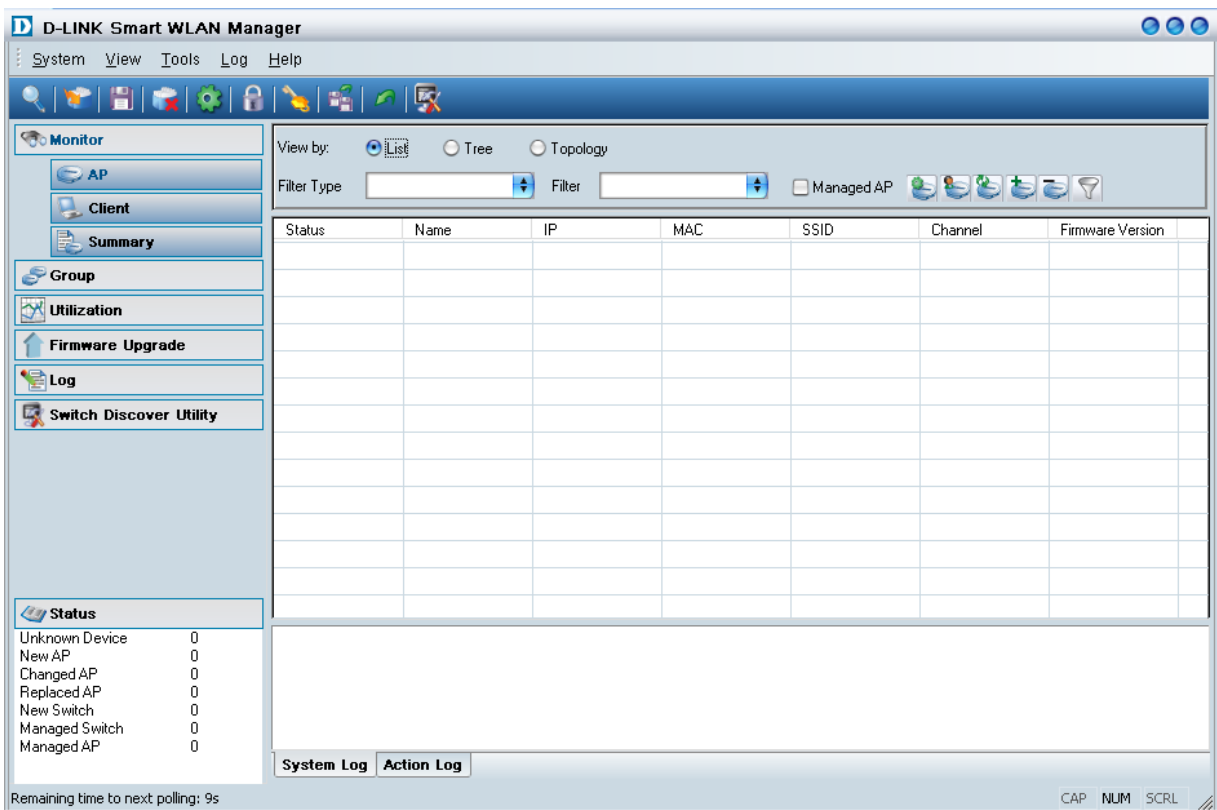


# WLAN Smart Manager 1.00.07



Password is blank (no password)



## Group

The screenshot shows the 'Group' configuration page in the D-LINK Smart WLAN Manager. The interface includes a menu bar (System, View, Tools, Log, Help) and a toolbar with icons for search, refresh, save, undo, redo, and help. A left sidebar contains navigation options: Monitor, Group, Utilization, Firmware Upgrade, Log, and Switch Discover Utility. The main area is titled 'Group' and features a 'View by:' dropdown set to 'AP' and an 'Upgrade' button. Below this is a table with columns: Status, Name, IP, MAC, SSID, Channel, and Firmware Version. A yellow tooltip box is overlaid on the table, containing the following text:

STEP 1. Add group  
STEP 2. Add APs to group  
STEP 3. Edit group template  
STEP 4. Apply template to Group

TIPS:  
1. AP can present at many groups, but couldn't bind same group template property in more than one group  
2. Group template's property numbers from 0 -all AP's is legal

At the bottom left, a 'Status' section displays a list of device counts:

Unknown Device	0
New AP	0
Changed AP	0
Replaced AP	0
New Switch	0
Managed Switch	0
Managed AP	0

The bottom status bar shows 'Remaining time to next polling: 19s' and 'CAP NUM SCRL'.

## Utilization:

The screenshot shows the 'Utilization' page in the D-LINK Smart WLAN Manager. The interface includes a menu bar (System, View, Tools, Log, Help) and a toolbar with icons for search, refresh, save, undo, redo, and help. A left sidebar contains navigation options: Monitor, Group, Utilization, Firmware Upgrade, Log, and Switch Discover Utility. The main area is titled 'Utilization' and features a 'Type' dropdown set to 'Day' and an 'Export' button. Below this is a table with columns: AP N... and MAC. To the right of the table is a line graph titled 'AP:() 's Users Graph'. The graph's Y-axis is labeled 'Connection numbers' (0 to 10) and the X-axis is labeled 'System Datetime' (10/17 to 10/25). The graph shows a flat line at zero connections. The bottom status bar shows 'Remaining time to next polling: 4s' and 'CAP NUM SCRL'.

## Firmware Upgrade:

The screenshot shows the D-LINK Smart WLAN Manager interface. The 'Firmware Upgrade' section is highlighted in the left sidebar. The main area displays a table with columns: Status, Name, IP, MAC, SSID, Channel, and Firmware Version. The table is currently empty. Below the table, there are 'System Log' and 'Action Log' buttons. The status panel on the left shows counts for various device types, all currently at 0.

Status	Name	IP	MAC	SSID	Channel	Firmware Version
--------	------	----	-----	------	---------	------------------

System Log   Action Log

Remaining time to next polling: 13s

Unknown Device 0  
New AP 0  
Changed AP 0  
Replaced AP 0  
New Switch 0  
Managed Switch 0  
Managed AP 0

## Log:

The screenshot shows the D-LINK Smart WLAN Manager interface with the 'Log' section selected in the sidebar. The 'Log Type' is set to 'Action Log'. The log entries are displayed in a table with columns for Date/Time and Description. The status panel on the left shows updated counts for Managed Switch (1) and Managed AP (2).

Date/Time	Description
24/10/2007 7:01:46 PM	enable switch 192.168.0.3[00:17:9A:52:38:42] anti-rogue from port 2 to port 3 success
24/10/2007 6:57:33 PM	Apply AP_Group1 template to AP 192.168.0.103[00:1C:F0:BD:02:34] success
24/10/2007 6:57:28 PM	Apply AP_Group1 template to AP 192.168.0.101[00:1C:F0:BD:02:35] success
24/10/2007 6:52:09 PM	Save AP properties
24/10/2007 6:52:09 PM	Set AP 192.168.0.102[00:1C:F0:BD:02:34] gate way to 192.168.0.1 success
24/10/2007 6:52:09 PM	Set AP 192.168.0.102[00:1C:F0:BD:02:34] subnet mask to 255.255.255.0 success
24/10/2007 6:52:09 PM	Set AP 192.168.0.102[00:1C:F0:BD:02:34] ip to 192.168.0.103 success
24/10/2007 6:52:09 PM	Set AP 192.168.0.102[00:1C:F0:BD:02:34] ip type to static ip success
24/10/2007 6:48:21 PM	Apply AP_Group1 template to AP 192.168.0.102[00:1C:F0:BD:02:34] success
24/10/2007 6:48:17 PM	Apply AP_Group1 template to AP 192.168.0.101[00:1C:F0:BD:02:35] success
24/10/2007 6:43:28 PM	Add AP 192.168.0.102[00:1C:F0:BD:02:34] to group AP_Group1 success
24/10/2007 6:43:28 PM	Add AP 192.168.0.101[00:1C:F0:BD:02:35] to group AP_Group1 success
24/10/2007 6:43:28 PM	Add group AP_Group1
24/10/2007 6:42:24 PM	Delete group AP_Group_1
24/10/2007 6:42:07 PM	Add AP 192.168.0.102[00:1C:F0:BD:02:34] to group AP_Group_1 success
24/10/2007 6:42:07 PM	Add AP 192.168.0.101[00:1C:F0:BD:02:35] to group AP_Group_1 success
24/10/2007 6:42:07 PM	Add group AP_Group_1
24/10/2007 6:24:49 PM	Clear database

System Log   Action Log

Remaining time to next polling: 26s

[24/10/2007 6:49:37 PM] [AP\_1]\_[00:1C:F0:BD:02:35]\_[192.168.0.101] online  
[24/10/2007 6:49:37 PM] [AP\_2]\_[00:1C:F0:BD:02:34]\_[192.168.0.102] online  
[24/10/2007 6:57:48 PM] [AP\_1]\_[00:1C:F0:BD:02:35]\_[192.168.0.101] offline  
[24/10/2007 6:57:48 PM] [AP\_2]\_[00:1C:F0:BD:02:34]\_[192.168.0.103] offline  
[24/10/2007 6:58:48 PM] [AP\_1]\_[00:1C:F0:BD:02:35]\_[192.168.0.101] online  
[24/10/2007 6:58:48 PM] [AP\_2]\_[00:1C:F0:BD:02:34]\_[192.168.0.103] online

Unknown Device 0  
New AP 0  
Changed AP 0  
Replaced AP 0  
New Switch 0  
Managed Switch 1  
Managed AP 2

**D-LINK Smart WLAN Manager**

System View Tools Log Help

Monitor  
Group  
Utilization  
Firmware Upgrade  
Log  
Switch Discover Utility

Status

Unknown Device	0
New AP	0
Changed AP	0
Replaced AP	0
New Switch	0
Managed Switch	1
Managed AP	2

Log Type: System Log Filter Type: Date/Time Filter: 1/1

Level:  Critical  Warning  Info  Debug

Date/Time	Level	Description
24/10/2007 6:58:48 PM	Critical	[AP_2][00:1C:F0:BD:02:34][192.168.0.103] online
24/10/2007 6:58:48 PM	Critical	[AP_1][00:1C:F0:BD:02:35][192.168.0.101] online
24/10/2007 6:57:48 PM	Critical	[AP_2][00:1C:F0:BD:02:34][192.168.0.103] offline
24/10/2007 6:57:48 PM	Critical	[AP_1][00:1C:F0:BD:02:35][192.168.0.101] offline
24/10/2007 6:49:37 PM	Critical	[AP_2][00:1C:F0:BD:02:34][192.168.0.102] online
24/10/2007 6:49:37 PM	Critical	[AP_1][00:1C:F0:BD:02:35][192.168.0.101] online
24/10/2007 6:48:37 PM	Critical	[AP_2][00:1C:F0:BD:02:34][192.168.0.102] offline
24/10/2007 6:48:37 PM	Critical	[AP_1][00:1C:F0:BD:02:35][192.168.0.101] offline
24/10/2007 6:31:29 PM	Warning	Discovered a new device [AP_2][00:1C:F0:BD:02:34][192.168.0.102]
24/10/2007 6:31:29 PM	Warning	Discovered a new device [AP_1][00:1C:F0:BD:02:35][192.168.0.101]
24/10/2007 6:31:26 PM	Warning	Discovered a new device [Sw_1][00:17:9A:52:38:42][192.168.0.3]

Updating Device 0/2

CAP NUM SCRL

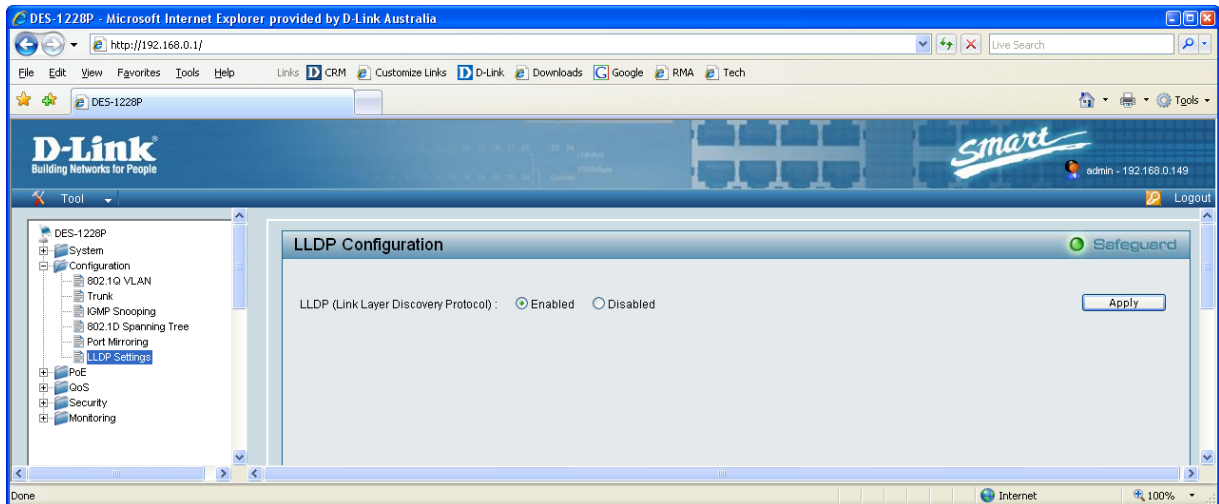
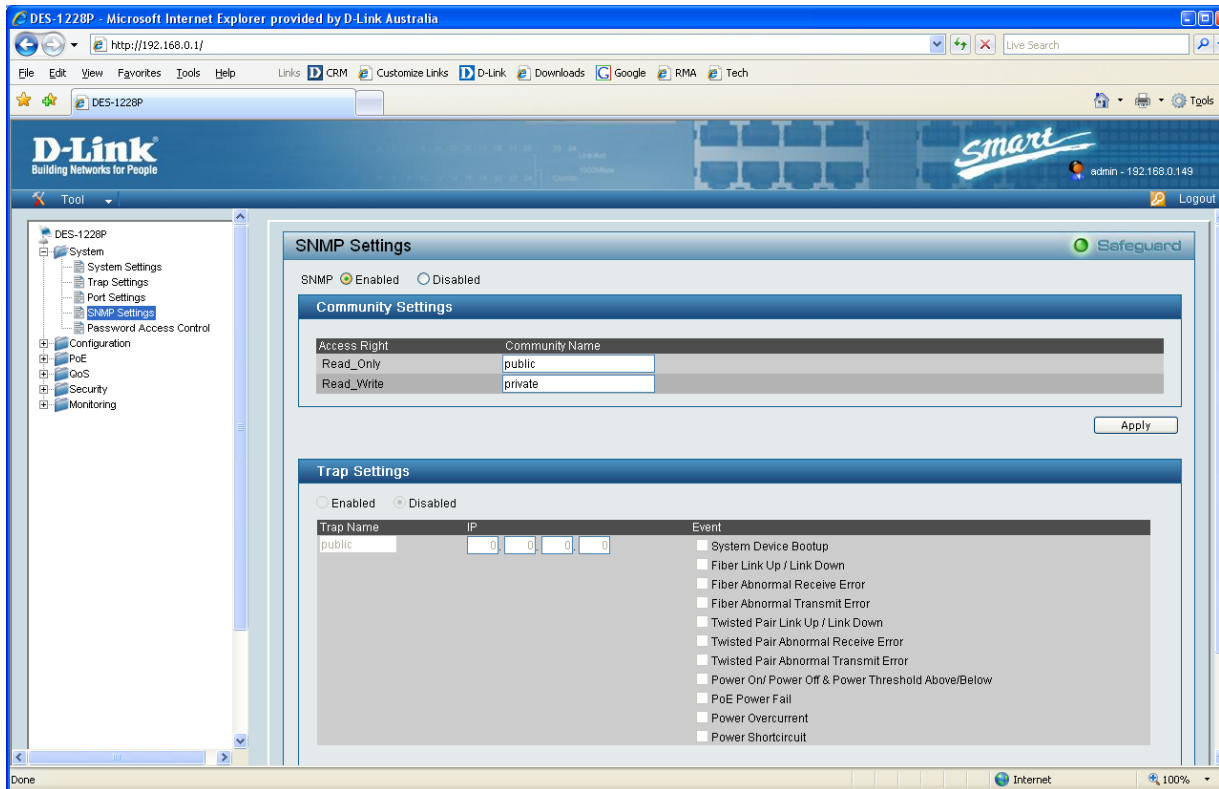
### Switch discovery utility

Discovery List

MAC Address	IP Address	Protocol Version	Product Name	System Name	DHCP	Lo
00134637ef6a	192.168.0.2	2.001.003	DES-1228	...	llyas switch	disable
00179a523842	192.168.0.1	2.001.003	DES-1228P	...		disable

Discovery Configuration setting Firmware upgrade Exit

On the switch: Enable SNMP and LLDP:



Discovery Wizard: (DHCP should be available)

### Discovery Wizard

Discovery Password:

Please Input the IP Address Of Wireless Switch

Input IP

From IP:

To IP:

From IP	End IP
192.168.0.1	192.168.0.1

### Save New Device

Discovered New Device :

	Device Name	Device Type
	SW_1	switch
Apply default	Device Name	Device Type
<input type="checkbox"/>	AP_1	AP
<input type="checkbox"/>	AP_2	AP

**D-LINK Smart WLAN Manager**

System View Tools Log Help

Monitor Group Utilization Firmware Upgrade Log Switch Discover Utility

View by:  List  Tree  Topology

Filter Type  Filter   Managed AP

Status	Name	IP	MAC	SSID	Channel	Firmware Version
Online	AP_2	192.168.0.102	00:1C:F0:BD:02:...	dlink	1	1.00.22
Online	AP_1	192.168.0.101	00:1C:F0:BD:02:...	dlink	1	1.00.22

[24/10/2007 6:31:26 PM] Discovered a new device [SW\_1]\_[00:17:9A:52:38:42]\_[192.168.0.3]  
 [24/10/2007 6:31:29 PM] Discovered a new device [AP\_1]\_[00:1C:F0:BD:02:35]\_[192.168.0.101]  
 [24/10/2007 6:31:29 PM] Discovered a new device [AP\_2]\_[00:1C:F0:BD:02:34]\_[192.168.0.102]

System Log Action Log

Remaining time to next polling: 58s CAP NUM SCRL

**D-LINK Smart WLAN Manager**

System View Tools Log Help

Monitor Group Utilization Firmware Upgrade Log Switch Discover Utility

View by:  List  Tree  Topology

SW\_1 : (00:17:9A:52:38:42) : 192.168.0.3  
 (05,01) AP\_2 : (00:1C:F0:BD:02:34) : 192.168.0.102  
 (21,01) AP\_1 : (00:1C:F0:BD:02:35) : 192.168.0.101

[24/10/2007 6:31:26 PM] Discovered a new device [SW\_1]\_[00:17:9A:52:38:42]\_[192.168.0.3]  
 [24/10/2007 6:31:29 PM] Discovered a new device [AP\_1]\_[00:1C:F0:BD:02:35]\_[192.168.0.101]  
 [24/10/2007 6:31:29 PM] Discovered a new device [AP\_2]\_[00:1C:F0:BD:02:34]\_[192.168.0.102]

System Log Action Log

Updating Device 0/2 CAP NUM SCRL



**D-LINK Smart WLAN Manager**

System View Tools Log Help

Monitor  
Group  
Utilization  
Firmware Upgrade  
Log  
Switch Discover Utility

View by:  List  Tree  Topology

AP\_2  
192.168.0.102  
00:1C:F0:BD:02:34  
dlink  
1  
disable  
D-Link, Inc. 2F, No.233-2, Pao-Chiao Road, Hsin-Tien, Taipei, Taiwan, R.O.C.  
Online

[24/10/2007 6:31:26 PM] Discovered a new device [SW\_1][00:17:9A:52:38:42][192.168.0.3]  
 [24/10/2007 6:31:29 PM] Discovered a new device [AP\_1][00:1C:F0:BD:02:35][192.168.0.101]  
 [24/10/2007 6:31:29 PM] Discovered a new device [AP\_2][00:1C:F0:BD:02:34][192.168.0.102]

System Log Action Log

Remaining time to next polling: 39s

CAP NUM SCRL

**AP 'dlink:192.168.0.102' configuration**

Basic Wireless Advance MAC Filter

IP Address Setting [Warning: Don't Change These If You're Not Sure!]

LAN IP  Dynamic IP Address  
 Static IP Address

IP Address

Subnet Mask

Gateway

Other information

Name

Connection Limit

Management Host

Location

Active clients 0

OK Cancel

### AP 'dlink:192.168.0.102' configuration

Basic **Wireless** Advance MAC Filter

B/G Mode: Mixed

Wireless Radio:  On  Off

Wireless Network Name (SSID): dlink

Channel: 1  Auto Channel Scan

Super G Mode: Disabled

WMM:  Enable  Disable

SSID Broadcast:  Enable  Disable

Security: Disable

OK Cancel

### AP 'dlink:192.168.0.102' configuration

Basic Wireless **Advance** MAC Filter

Transmit Data Rates: Auto

Transmit Power: 100%

Beacon Interval: 100 (Msec, Range:20~1000)

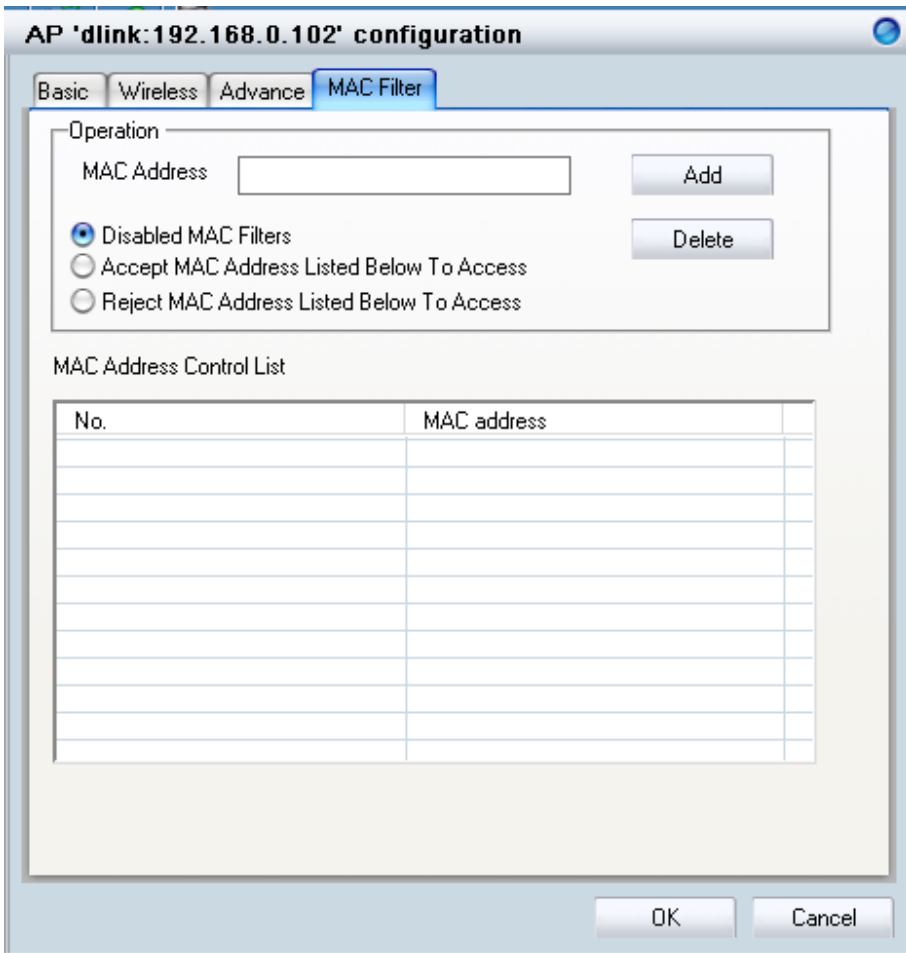
RTS Threshold: 2346 (Range: 256~2346)

Fragmentation: 2346 (Range: 1500~2346)

DTIM: 1 (Range: 1~5)

Preamble Type:  Short Preamble  Long Preamble

OK Cancel



Group:

**Add Group**

Basic | Wireless | Advance | MAC Filter

Group Name :

Available Device List

AP Name	IP	MAC
<input checked="" type="checkbox"/> AP_1	192.168.0.101	00:1C:F0:BD:02:35
<input checked="" type="checkbox"/> AP_2	192.168.0.102	00:1C:F0:BD:02:34

OK Cancel

**D-LINK Smart WLAN Manager**

Are you sure to apply this template at all group AP?

**D-LINK Smart WLAN Manager**

System View Tools Log Help

Monitor  
Group  
Utilization  
Firmware Upgrade  
Log  
Switch Discover Utility

Config Group Template  
 AP\_1:[00:1C:F0:BD:02:35]:192.168.0.101  
 AP\_2:[00:1C:F0:BD:02:34]:192.168.0.102

Status

Unknown Device	0
New AP	0
Changed AP	0
Replaced AP	0
New Switch	0
Managed Switch	1
Managed AP	2

[24/10/2007 6:31:26 PM] Discovered a new device [SW\_1][00:17:9A:52:38:42][192.168.0.3]  
 [24/10/2007 6:31:29 PM] Discovered a new device [AP\_1][00:1C:F0:BD:02:35][192.168.0.101]  
 [24/10/2007 6:31:29 PM] Discovered a new device [AP\_2][00:1C:F0:BD:02:34][192.168.0.102]

System Log Action Log

Remaining time to next polling: 20s

CAP NUM SCRL

**D-LINK Smart WLAN Manager**

System View Tools Log Help

Monitor  
Group  
Utilization  
Firmware Upgrade  
Log  
Switch Discover Utility

AP\_Group1[?]  
 AP\_1:  
 AP\_2:

- Edit Template(E)
- Apply Template(A)
- Rename(R)
- Delete(D)
- Add Group(C)
- Add AP
- Collapse
- Expand

config "AP\_Group1" template

Wireless Advance MAC Filter

LoadBalance Select     Enable     Disable

B/G Mode   

Wireless Radio     On     Off

Wireless Network Name (SSID)   

Channel         Auto Channel Scan

Super G Mode   

WMM Function     Enable     Disable

SSID Broadcast     Enable     Disable

User Number Limit   

Security   

Cipher Type:     TKIP     AES    PSK / EAP:     PSK     EAP

Passphrase :        Confirmed Passphrase :   

OK

Cancel

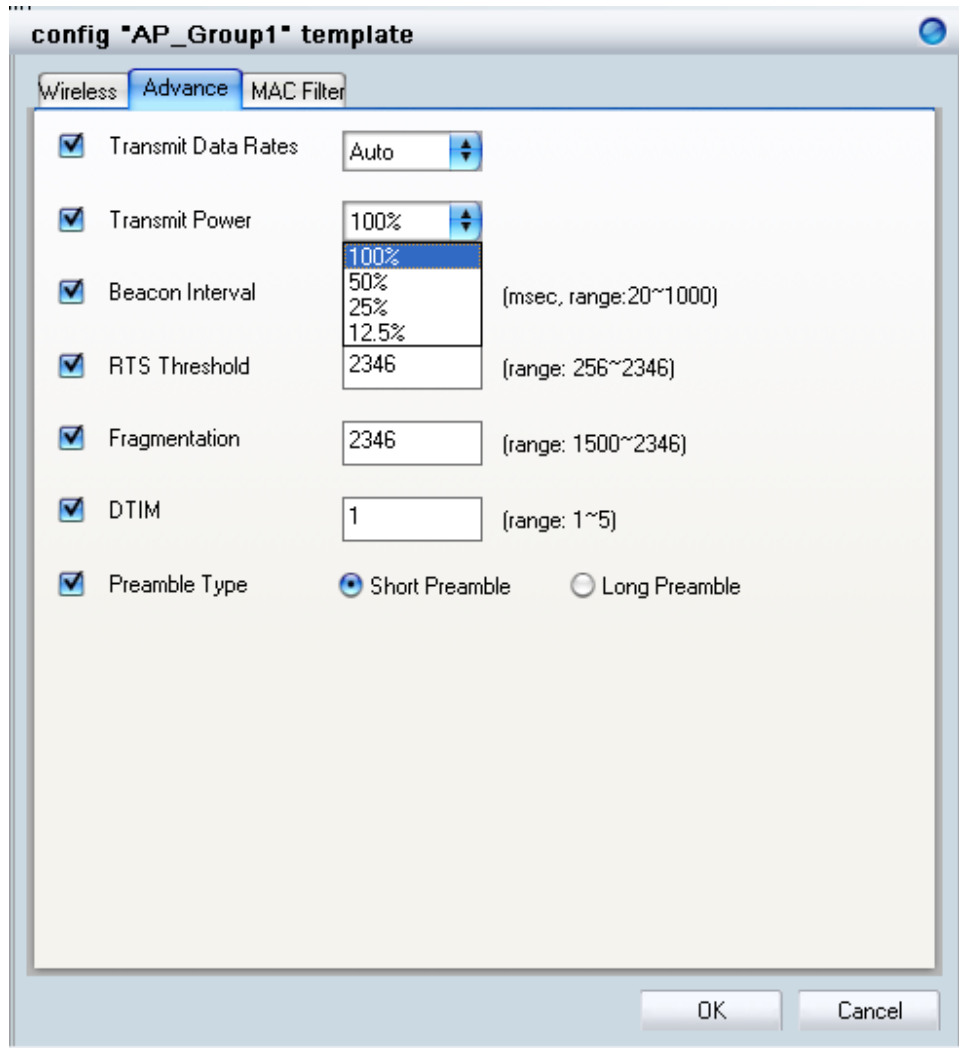
config "AP\_Group1" template

Wireless Advance MAC Filter

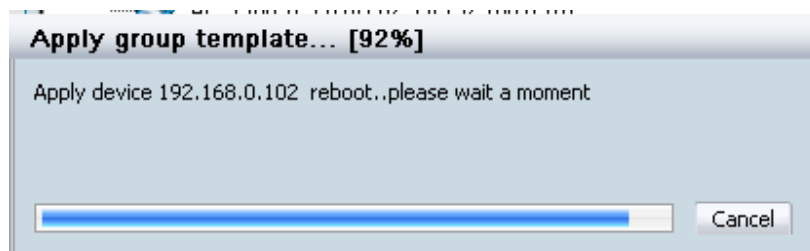
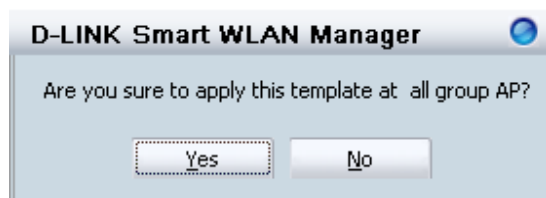
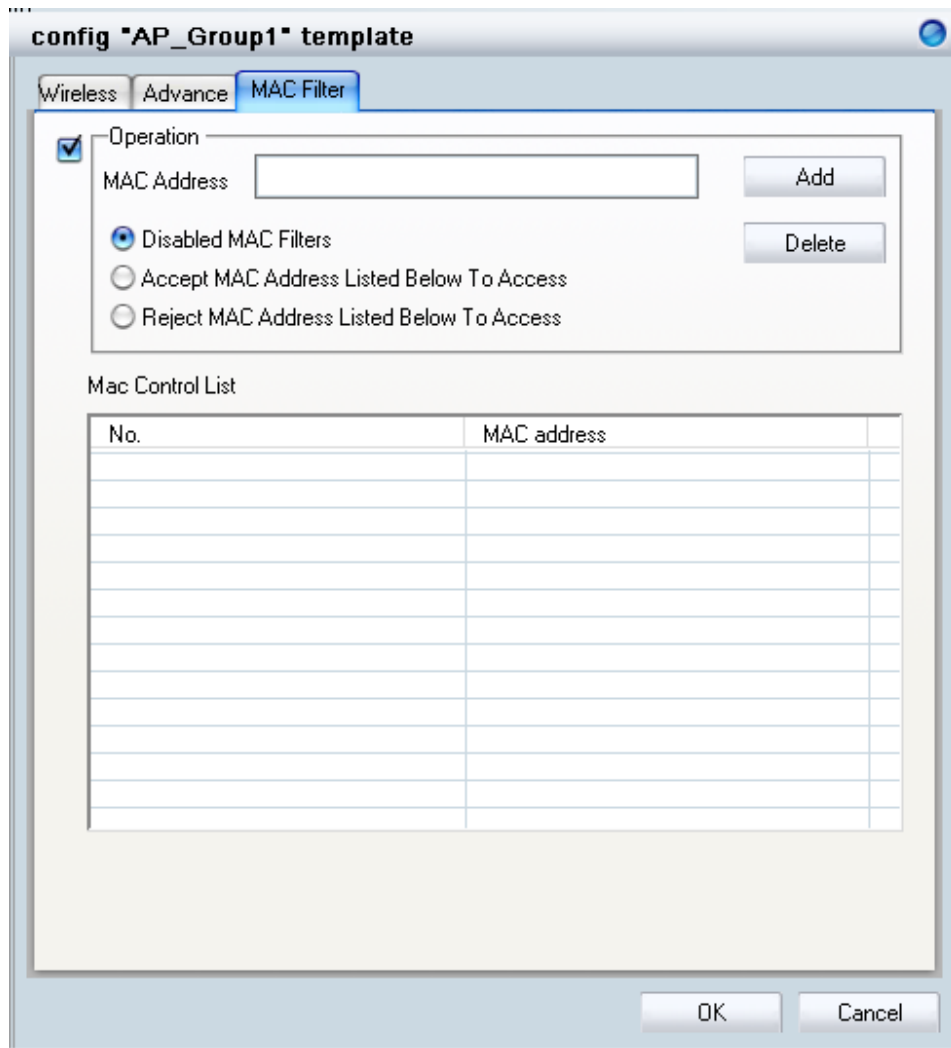
- Transmit Data Rates Auto
- Transmit Power
- Beacon Interval (msec, range:20~1000)
- RTS Threshold (range: 256~2346)
- Fragmentation (range: 1500~2346)
- DTIM (range: 1~5)
- Preamble Type  Short Preamble  Long Preamble

Auto
1
2
5
6
9
11
12
18
24
36
48
54
1

OK Cancel







**D-LINK Smart WLAN Manager**

System View Tools Log Help

Monitor  
Group  
Utilization  
Firmware Upgrade  
Log  
Switch Discover Utility

AP\_Group1[2]  
 AP\_1:[00:1C:F0:BD:02:35]:192.168.0.101  
 AP\_2:[00:1C:F0:BD:02:34]:192.168.0.103

**Status**

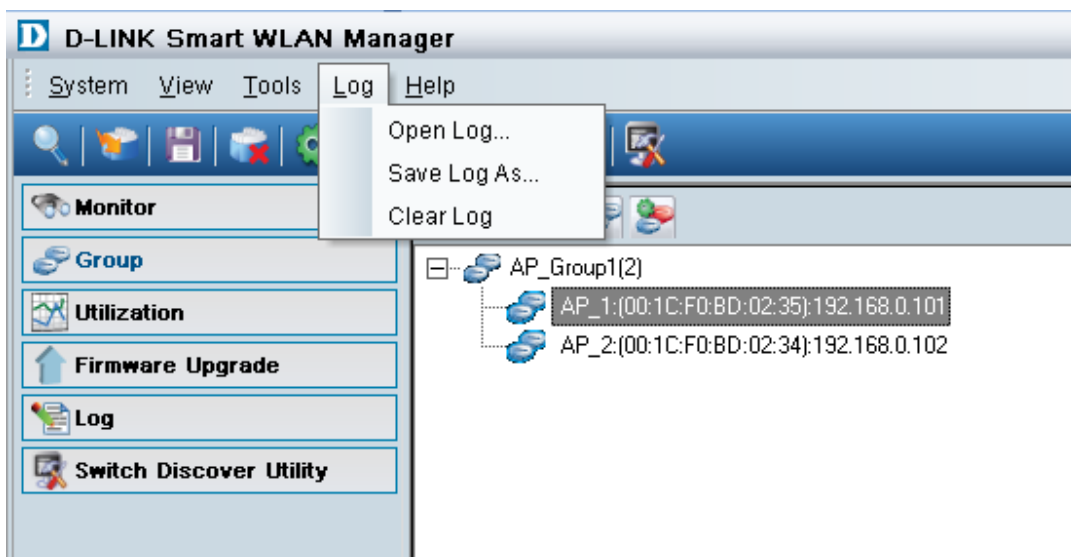
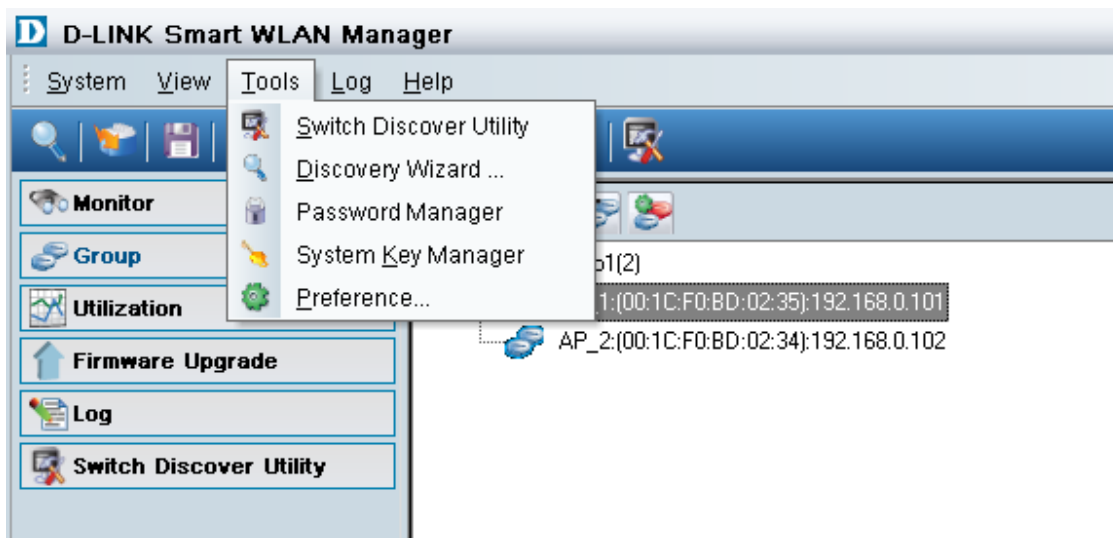
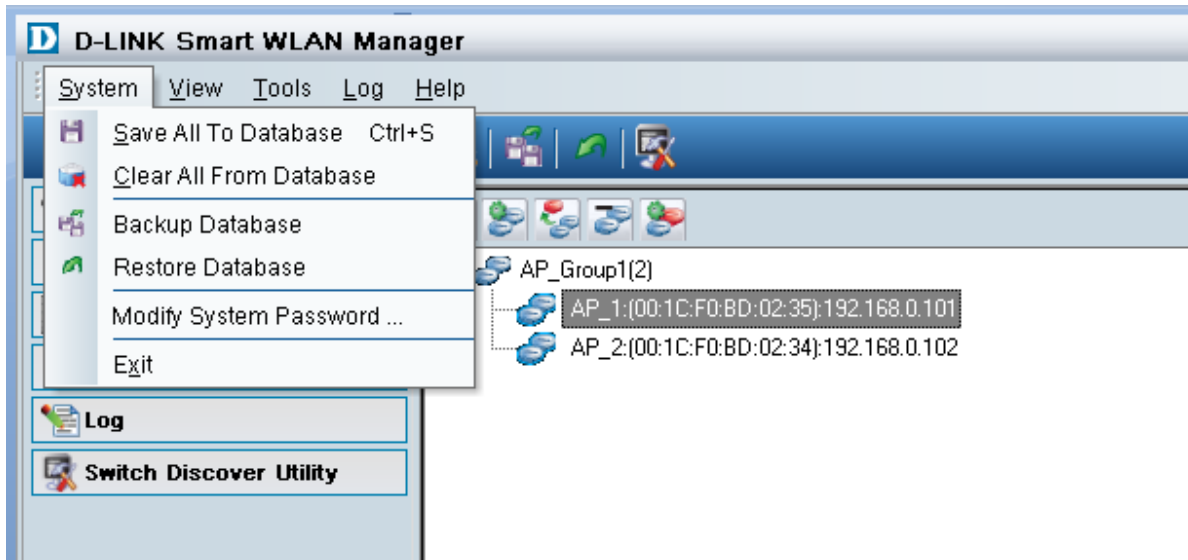
Unknown Device	0
New AP	0
Changed AP	0
Replaced AP	0
New Switch	0
Managed Switch	1
Managed AP	2

[24/10/2007 6:48:37 PM] [AP\_1].[00:1C:F0:BD:02:35].[192.168.0.101] offline  
 [24/10/2007 6:48:37 PM] [AP\_2].[00:1C:F0:BD:02:34].[192.168.0.102] offline  
 [24/10/2007 6:49:37 PM] [AP\_1].[00:1C:F0:BD:02:35].[192.168.0.101] online  
 [24/10/2007 6:49:37 PM] [AP\_2].[00:1C:F0:BD:02:34].[192.168.0.102] online  
 [24/10/2007 6:57:48 PM] [AP\_1].[00:1C:F0:BD:02:35].[192.168.0.101] offline  
 [24/10/2007 6:57:48 PM] [AP\_2].[00:1C:F0:BD:02:34].[192.168.0.103] offline

System Log Action Log

Remaining time to next polling: 30s

CAP NUM SCRL



**Preferences**

- Global Setting
- Default Params
- Mail Alert
- Syslog

### Global Setting

Interval(10-6000)	<input type="text" value="60"/>	Sec
Timeout(1-20)	<input type="text" value="2"/>	Sec
Monitor Interval(10-60000)	<input type="text" value="60"/>	Sec
Max Polling Thread(5-20)	<input type="text" value="5"/>	

#### Log Level Setting

<input checked="" type="checkbox"/> Critical	<input type="checkbox"/> Info.
<input checked="" type="checkbox"/> Warning	<input checked="" type="checkbox"/> Debug

OK Cancel

**Preferences**

- Global Setting
- Default Params
- Mail Alert
- Syslog

### Default Params

Management Host

Wireless Network Name (SSID)

Security

Apply Default Params While New Devices Are Saved To System

OK Cancel

**Preferences**

- Global Setting
- Default Params
- Mail Alert**
- Syslog

### Mail Alert

Destination Email :

SMTP Server Setting

SMTP Server Address:

Authentication Method:

Port:

Send Mail Address:

User Name:

Password:

Time & Send Log Level Setting

Critical     Warning     Info.     Debug

Real-time     Day     Week     Month     None   

OK    Cancel

**Preferences**

- Global Setting
- Default Params
- Mail Alert
- Syslog**

### Syslog

Syslog Server IP:

Time & Send Log Level Setting

Critical     Warning     Info.     Debug

Realtime     Day     Week     Month     None   

OK    Cancel

**D-LINK Smart WLAN Manager**

System View Tools Log Help

Monitor

View by: List Tree **Topology**

Configuration  
Link To Web Configuration  
Save To Database  
Delete From Database

Status

Unknown Device	0
New AP	0
Changed AP	0
Replaced AP	0
New Switch	0
Managed Switch	1
Managed AP	2

[24/10/2007 6:49:37 PM] [AP\_1]\_[00:1C:F0:BD:02:35]\_[192.168.0.101] online  
 [24/10/2007 6:49:37 PM] [AP\_2]\_[00:1C:F0:BD:02:34]\_[192.168.0.102] online  
 [24/10/2007 6:57:48 PM] [AP\_1]\_[00:1C:F0:BD:02:35]\_[192.168.0.101] offline  
 [24/10/2007 6:57:48 PM] [AP\_2]\_[00:1C:F0:BD:02:34]\_[192.168.0.103] offline  
 [24/10/2007 6:58:48 PM] [AP\_1]\_[00:1C:F0:BD:02:35]\_[192.168.0.101] online  
 [24/10/2007 6:58:48 PM] [AP\_2]\_[00:1C:F0:BD:02:34]\_[192.168.0.103] online

System Log Action Log

Remaining time to next polling: 46s

CAP NUM SCRL

**Switch config**

System **Anti-rogue** Port Mapping

From Port To Port Control Apply

Enable  
Disable

Port	Anti-Rogue Control
1	Disable
2	Disable
3	Disable
4	Disable
5	Disable
6	Disable
7	Disable
8	Disable
9	Disable
10	Disable
11	Disable
12	Disable
13	Disable
14	Disable

OK Cancel

### Switch config

System Anti-rogue **Port Mapping**

Local Port NO.	Peer IP	Peer Port NO.
5	192.168.0.103	1
21	192.168.0.101	1

OK Cancel