Version 3.0 | 05/09/2013

D-Link[®]



AP Manager II v3.0 - Business Class Networking

Table of Contents

Product Overview	1
Before you Begin	2
System Requirements	2
Access Point Requirements	2
Installation	3
Setup Wizard	3
Using the AP Manager II v3.0	11
The AP Manager II v3.0 Control Panel	12
Discovering Devices	13
Advanced Discovery	15
Access Point Report	16
Station Report	18
Model Report	19
Band Report	20
Group View	21
Group - Configuration	23
Group - Configuration - Set IP	25
Group - Configuration Update	27
Configuration - Firmware Upgrade	29
Configuration - Web Management	32
Configuration - Telnet	34
Configuration - Change Access Password	35
Configuration - Enable SNMP	36
Configuration - Configuration Comparison	
Sorting	39

View Mode40
Properties41
The Access Point Manager II v3.042
The Home Panel43
Basic - Wireless44
Basic - LAN50
Basic - IPv651
Advanced - Performance53
Advanced - Multi-SSID55
Advanced - VLAN57
Advanced - Add/Edit VLAN's58
Advanced - Intrusion60
Advanced - Schedule61
Advanced - DHCP Server62
Advanced - AP Array66
Advanced - AP Array - Alternative Settings68
Advanced - Web Redirection71
Advanced - Internal RADIUS Server
Advanced - Filters74
Advanced - Traffic Control76
Advanced - ARP Spoofing Prevention Settings82
Maintenance - Admin83
Maintenance - Firmware and SSL
Maintenance - Configuration File
Maintenance - Date and Time
Status - Device Information93

Status - Client Information94
Status - WDS Information95
Status - Channel Analyze96
Status - Stats - Ethernet Traffic Statistics97
Status - Stats - WLAN Traffic Statistics
Status - Log - Log View101
Status - Log - Log Settings102
System 104
AP Manager II v3.0 - Multi Configuration
AP Manager II v3.0 - Multi Configuration - Create
a new template106
AP Manager II v3.0 - Edit a Template
AP Manager II v3.0 - Delete a Template 114
AP Manager II v3.0 - Save the Configuration 115
AP Manager II v3.0 - Import the Configuration 116
AP Manager II v3.0 - Events (Event) Manager 126
AP Manager II v3.0 - Unread Events 127
AP Manager II v3.0 - Deleting Events 129
AP Manager II v3.0 - Setting Events
AP Manager II v3.0 - Event Search 150
AP Manager II v3.0 - Exporting Events 152
AP Manager II v3.0 - Setting Notices153
AP Manager II v3.0 - Create Watchlist 154
AP Manager II v3.0 - Tools - Topology157
AP Manager II v3.0- Tools - Site Planning
AP Manager II v3.0 - Tools - Config
Comparison172
AP Manager II v3.0 - Report 175
AP Manager II v3.0 - Report - Association 176

AP Manager II v3.0 - Report - Security	179
AP Manager II v3.0 - Report - Utilization	180
AP Manager II v3.0 - Report - Channel	.181
AP Manager II v3.0- Report -Rogue AP	.182
AP Manager II v3.0 - Report -Syslog	.183
AP Manager II v3.0 - Report -Custom	184
AP Manager II v3.0 - Report - Monitor	185
AP Manager II v3.0 - User Manager	188
AP Manager II v3.0 - Options	.191

Product Overview

MANAGE THE NETWORK

AP Manager II v3.0 is a versatile and convenient software solution for IT staff to manage the network and their routers. The AP Manager is the ideal solution for network infrastructure management. Connect one or many routers to the main management system and contol and run IP management from one location.

STREAM DIGITAL MEDIA CONTENT THROUGHOUT THE NETWORK

Managing the backbone of your network couldn't be easier with the AP Manager II v.3.0. Control how data is routed and trafficed thoughout the network.

PROTECTION, PERFORMANCE, AND FLEXIBILITY

The AP Manager has fail-safe security built-in. Security is managed at the network layer so data is secure and safe. Manage the speed of a network by throttling the bandwidth. Give priority to users who demand mission critical access. Install new IP topologies from one location and manage its throughput using our great management tools.

Before you Begin

- Check box contents
- Check system requirements
- Ensure that you have the hardware you need for your router

System Requirements

For best results, the following minimum requirements are recommended on any system used to configure a router:

- Computer with: 1Ghz processor / 512MB RAM / 200MB available space / CD-ROM drive
- Windows® XP (with Service Pack 2), Windows Vista®, Windows® 7
- Mac OS[®] X 10.5.6 or greater
- Installed Ethernet Adapter
- Postgre SQL 8.3

Access Point Requirements

• SNMP must be enabled on Access Points used with AP Manager v3.0

Installation Setup Wizard

To run the Setup Wizard, insert the CD into your CD-ROM drive.

Step 1 - When the autorun screen appears, click **Install.** Otherwise, click the AP Manager v3.0 installation icon.

Note: Windows Firewall presents you with a warning message to unblock the device. Click Unblock to give your computer access to the installation process.

Step 2 - The AP Manager II v3.0 Installation window appears.

Click Next to continue.



AP Manager II v3.0 Setup	×
Welcome to the InstallShield Wizard for AP Manager II v3.0 The InstallShield® Wizard will install AP Manager II v3.0 on your computer. To continue, click Next.	1
< Back Next > Cancel	

Step 3 - Select the installation location.

Click Next to continue.

Step 4 - Select the Program Folder

Click Next to continue.

AP Mana	ger II v3.0 Setup	×
Choose Destination Location		And a second second
Select folder where setup will install files.		
Setup will install AP Manager II v3.0 in the	following folder.	
To install to this folder, click Next. To insta another folder.	ll to a different folder, click	Browse and select
Destination Folder		
Destination Folder C:\Program Files (x86)\D-Link\AP Mana	ger II v3.0	Browse
Destination Folder C:\Program Files (x86)\D-Link\AP Mana	ger II v3.0	Browse
Destination Folder C:\Program Files (x86)\D·Link\AP Mana allShield	ger II v3.0	Browse

AP Manager II v3.0 Setup	×
Select Program Folder Please select a program folder.	
Setup will add program icons to the Program Folder listed below. You may type a new folder name, or select one from the existing folders list. Click Next to continue.	
Program Folder:	
AP Manager II v3.0	
Existing Folders:	
7-Zip Assessibility	
Accessories	
Administrative Tools	
Maintenance	
StartUp	
System Loois Tablet PC	
InstallShield	
K Sack Next > Cancel	

Step 5 - The installation begins.

Please be patient while the installation process takes place (a matter of seconds)

AP Manager II v3.0 Setup	×
Setup Status	
AP Manager II v3.0 is configuring your new software installation.	
Installing	
C:\\D-Link\AP Manager II v3.0\images\DAP-35200.jpg	
InstallShield	
	Cancel

Step 6 - Click Finish to exit the Wizard.

 AP Manager II v3.0 Setup
InstallShield Wizard Complete Please install the module which you want to manage before running AP Manager II v3.0
< Back Finish Cancel

Step 7 - An AP Manager II v3.0 icon appears automatically on your desktop. Before you click the icon to start the program, install the module

Step 8 - Browse to the location where you have the module. Doubleclick the module to install.

nie nome Share	view			
🔄 🌛 👻 🕆 퉬 « AP	M2v3.0_DAP2690 > APM2v3.0_DAP2690b v3.00-R08	-FWv300rc021 v	🖒 🛛 Search Al	PM2v3.0_DAP2690b
☆ Favorites	Name	Date modified	Туре	Size
Desktop	APM_DAP2690b v3.00r08-RNote.doc	7/1/2013 4:08 PM	DOC File	65 KB
🐌 Downloads	APM2v3.0_DAP2690b v3.00-R08-FWv300rc021	7/1/2013 3:58 PM	Application	3,425 KB
🔢 Recent places				
📜 Libraries				
Documents				
J Music				
Pictures				
😸 Videos				
🍓 Homegroup				
🖳 Computer				
🊢 Local Disk (C:)				
📫 Removable Disk (D:)				
🖣 Network				



Step 9 - The module Wizard for the DAP-2690 AP Manager v3.0 begins.

Click Next to continue.

Step 10 - The wizard installs the module momentarily.

Click **Cancel** if you wish to exit otherwise wait for the installation process to complete.

DAP-26	690B AP Manager Module Setup	×
	Welcome to the InstallShield Wizard for DAP-2690B AP Manager Module The InstallShield® Wizard will install DAP-2690B AP Manager Module on your computer. To continue, click Next.	
	< Back Next > Cancel	

DAP-2690B AP Manager Module Setup	×
Setup Status	
DAP-2690B AP Manager Module is configuring your new software installation.	
InstallShield	Cancel

Step 11- Click Finish to close the wizard.

DAP-26	690B AP Manager Module Setup
	InstallShield Wizard Complete The InstallShield Wizard has successfully installed DAP-26908 AP Manager Module. Click Finish to exit the wizard.
	< Back Finish Cancel

Step 12- Right-click the icon and click Run as administrator.



Step 13 - Enter the Username and Password at the log-in screen.

Click **OK** to continue.



Step 14 - If you have entered the wrong details, the software will warn you and prompt you to enter the correct information.

Click **OK** to continue and enter the correct details once again.



Step 15 - Windows Firewall blocks the program if you do not provide it access.

Click the **Allow access** button to continue.



This completes the installation process for the main software. You are now presented with the **AP Manager II v3.0** main control panel.

	PALESI FUEL DAM	on Report Model Rep	ot Band Report						
Groups					Access Poir	t Report			
MultiConfiguration									
Event Manager									
* Tools									
💕 Reports									
Association									
Security									
122									
Utilization									
Utilization Channel	A Station Datal								
Channel	Station Data MAC Address	Abas	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
Channel Channel Rogue AP Station	Station Data MAC Address	Abaz	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
Utilization Channel Bogue AP SysLog Outlon	Station Data MAD Addess	Abaz	Access Point	Band	Aufhentication	RSS	SSID	Power Save Mode	
Unlitation Channel Pogue AP SysLog Custom Noclass	Station Data MAD Addess	Max	Access Point	Bend	Aufhentication	RSS	SSID	Power Save Mode	
Utilization Channel Channel Pogue AP SysLog Custom Custom Monitor	Station Data MAD Addess	Abar	Access Point	Band	Auforntication	RSS	SSID	Power Save Mode	
Utilization Channel Pogue AP SysLog Custom Monitor	Station Datal MAD Addees	Abar	Access Point	Band	Aufortication	RGSI	SSID	Power Save Mode	

Using the AP Manager II v3.0

Launch the **AP Manager II v3.0** by clicking:

- 1. Start Menu
- 2. Select Programs
- 3. Select D-Link AP Manager II v3.0
- 4. Select AP Manager II v3.0

tem <u>V</u> iew <u>N</u> etTool <u>H</u> elp										
		51		<u></u>						
ieneral Groups Multi	Config Events	Tools R	teports User Manag	er Option						
General	Access Point Statio	n Report Model Repo	rt Band Report							
👪 Groups					Access Poir	nt Report				
a MultiConfiguration										
Event Manager										
🔧 Tools										
🕒 Reports										
Association										
C Security										
~										
Utilization	d									
Utilization ,	d Station Detail	45	Arrest Drint	David	f. diambarting	Deci	COD	Davies Cares Marks		
Utilization Channel Rogue AP	ci Station Detail	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
Utilization Channel Channel Rogue AP SysLog	d Station Detail	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
Utilization Channel Rogue AP SysLog Custom	d Station Detal	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
Utilization Channel Channel Channel SysLog Custom Monitor	d Station Detail	Alas	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
Utilization Channel Rogue AP SysLog Custom Custom Monitor	Station Detail MAC Address	Alas	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
Utilization Channel Rogue AP SysLog Custom Monitor	d Station Detal	Akas	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
Utilization Channel Rogue AP SysLog Custom Monitor	d Station Debal	Alas 3.806]FTP Server s 3.806 The initializat	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode		
Utilization Channel Channel Syste AP Systeg Systeg Custom Monitor	d Station Detail MAC Address [26/09/2013 05 37:0 [26/09/2013 05 37:0 [26/09/2013 05 37:0] [26/09/2013 05 37:0]	Alas 3.806 JFTP Server 3.806 JFTP Server 3.806 JThe initializat 3.805 Systag Services	Access Point	Setuliad	Authentication	RSSI	SSID	Power Save Mode		
Utilization Channel Rogue AP Rogue AP Systog Custom Monitor	d Sister Datal	Alas 3.806 JPTP Server 3.806 The initialized 3.806 Synlog Serv 3.868 SmmpTrap re	Access Point	Band sstuliy/	Authentication	RSSI	SSID	Power Save Mode	lancumlia	1611 11

The AP Manager II v3.0 Control Panel

The Main Control Panel has eight key configuration Windows. General, Groups, Multi Config, Events, Tools, Reports, User Manager, and Option. The General window offers simple data information on the Access Point, Station Report(s), Model Report(s), and a Band Report.

General					A	4 D +			
Groups					Access Poin	t Report			
MultiConfiguration									
Event Manager									
Tools									
Reports									
Association									
-									
🔲 Security									
📄 Security 📄 Utilization									
Security Utilization Channel	#								
Security Utilization Channel Bogue AP		Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
Security Utilization Channel Rogue AP Svel og	예	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
Security Utilization Channel Rogue AP SysLog Curters		Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
Security Utilization Channel Rogue AP SysLog Custom	I Station Detail	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
 Security Utilization Channel Rogue AP SysLog Custom Monitor 	세 Station Detail	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	
 Security Utilization Channel Rogue AP SysLog Custom Monitor 	I Station Detail	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode	

Discovering Devices

Before you can manage and monitor the **Access Point**, you must discover the device. Click **Groups** on the main menu bar. **Groups** has four main icons. **Delete**, **Configure**, *View*, and **Discover**.

AP Manager II v3.0	- 0 ×
System Yew NetTool Help	
Ceneral Cross Mul Carly Events Tools Reports UserManager Option	
🖩 General 🚨 👱 🔁	
P Delete device Model Name HW Version MAC Address NetMask FW version Location	Action Result
MultConfiguration	
Event Manager	
Tools	
* Bepots	
Carocietan Association	
Security	
🗎 Utization 🚽	
Charrel	
Pague AP	
Systog	
Custom	
Contor Contor	
D5/08/2013 05 32 03 806 JETP Server stretted on not 21	
26/08/2013 05 37:03 806 The initialization complete	
26(08)2013 05 37 03 888 [Smmp Trap receiver initialize successfully/	
eady .	AP Court 0 LogUser admin
	P 18 78 10 804 AM

The second s

Configure



Delete

View



Discover



Advanced Discovery

The standard discovery can only discover the **Access Point's** in the same sub network. To discover the **Access Points** in the other network segments, click the arrow next to the **Discover** icon and from the drop-down list click **Advanced Discover**.



Under Advanced Discover, enter the Start IP and the End IP and click the Start button to search for Access Points within the specified IP range. Once other Access Points are discovered their status will be updated by the icons associated to it.



Managed Access Point

New Access Point



The Access Point cannot be pinged but can be modified.



The Access Point is offline and/or the SNMP engine is disabled.

The Access Point is specified as a Rogue AP

Access Point Report

The Access Point Report shows the discovered AP's. Access Points are divided into Managed Access Points and Unmanaged Access Points. The Managed APs are listed in the Station Detail table below the Access Point Report.



The **Station Report** table lists the **MAC Address, Alias, Access Point, Band, Authentication type, RSSI, SSID**, and **Power Save Mode** of all stations connected to the Managed APs.

Remove an **Access Point** from the list by right-clicking it and selecting **Kick Off.**



Create an **Alias** by right-clicking the **Access Point** and selecting **Alias**. In the Alias management window, type the new name. Click **OK** to continue.

MacAddress	Alias
0021917EFFA3	
Delete	OK Cancel

Station Report

The **Station Report** displays a graphical representation of the associated wireless stations. It classifies the stations by bands, and shows the station numbers of every band.

D AP Manager II v3.0 System View NetTool Help		_									_ & ×
General Groups Multi	Config	Events	Tools	Reports User Manager	r Option						
General <u></u>	Acces	s Point Station	Report Model R	Report Band Report							
Groups						Station Re	eport				
Model											
Category1											
Category2											
Category3											
MultiConfiguration											
Event Manager											
Tools	4 L										
Reports	Stati	on Detail ———	Aliae	Access Point	Band	Authentication	BSSI	SSID	Power Save Mode		
Association		o riddiooo	- mao	Process Form	bana	Planonioaion		0015			
Security											
🛅 Utilization											
Channel											
📄 Rogue AP											
📄 SysLog	[26/08/	2013 06:41:09	.358 1Discover	Completed!							~
Custom	[<mark>26/08/</mark> [26/08/	2013 06:41:35 2013 07:39:35	.875 Device: 1 188 Discover	92.168.0.50 SNMP Ping Tir Completed	meOut!						
📄 Monitor 🗾	[26/08/	2013 07:39:37	.204]Device: 1	92.168.0.50 SNMP Ping Tir	meOut!						~
Ready										AP Count 1	LogUser admin
6 🚍 🧿		<i>®</i>								P 10	7:44 AM 8/26/2013

Model Report

The **Model Report** displays a graphical representation of the numerical distribution of models the AP Manager II has discovered and is currently managing.

D AP	Manager II v3.0												-	8×
<u>S</u> ystem Gene	View <u>N</u> etTool I	<u>H</u> elp Multi	Config	Events	X Tools	Reports User Man	ager Option							
	General	^	Acc	cess Point Stati	ion Report Model P	Report Band Report								
₹.	Groups	_						Model Report						
1	Model 📄													
	📄 Category1												Legend	
	Category2									1			DAP-2690	
	📄 Category3													
▼ 2	MultiConfiguration													
	📄 Template													
	Task Schedu	le												
	Event Manager			ation Detail IAC Address	Alias	Access Point	Band	Authentication	RSSI	SSID	Power Save Mode			
	StandardTrap	0												
	System													
	Threshold													
~ 4	Private													
	Tools		[26/0	8/2013 07:57: 8/2013 07:57:	54.095]Syslog S 54.158]SnmpTra	erver Start success ap receiver initialize suc	cessfully!							
<		>	[26/0 [26/0	8/2013 08:00:(8/2013 08:00:(03.618]Discover 05.633]Device: 1	r Completed! 192.168.0.50 SNMP Ping	g TimeOut!							~
Ready												AP Count 1	LogUser adm	nin

Band Report

The **Band Report** displays a graphical representation of the 2.4GHz and 5GHz WLAN bands (802.11a, 802.11b/802.11g and 802.11b/g/n) currently being used by the Access Point. It shows the number Access Points on every band.

D AP	Manager II v3.0 View NetTool He	In												- 8 >
Gene	ral Groups I	Multi (Config	Events	X Tools	Reports Use	r Manager	Option						
	General	^	Acce	ess Point Statio	n Report Model	Report Band Report								
₹.	Groups	-							Band Report					
1	📔 Model								1					
	📄 Category1													Legend
	🛅 Category2													2.4GHz
	📄 Category3													
	MultiConfiguration													
	📄 Template								1					
	📄 Task Schedule	-4												
	Event Manager			tion Detail —— AC Address	Alias	Access P	oint Ba	and	Authentication	RSSI	SSID	Power Save Mode		
	📄 StandardTrap													
	📄 System													
	🚞 Threshold													
	📄 Private													
₹ 🍾	Tools													
	📄 Topology		[26/08	/2013 07:57:5/	4.095]Syslog (Server Start succes	S							^
	📄 Site Planning		[26/08 [26/08	/2013 07:57:5 /2013 08:00:0:	4.158]SnmpTr 3.618]Discove	ap receiver initializ r Completed!	e successfully	ļ						
<		·	[26/08	/2013 08:00:0	5.633]Device:	192.168.0.50 SNMF	Ping TimeOu	itl						~
Ready													AP Count 1	LogUser admin

Group View

The **Group View Panel** displays the access points the AP Manager II v3.0 discovers and currently manages. You can group these access points by model or into categories that can make their distribution easier to visualize.

The AP Manager II v3.0 can actively monitor and manage several D-Link Access Points. They are installed as plug-ins under the installation directory. Add or remove supported model freely and once access points are detected during the discovery process, its listed in the main **Group View Panel**.



To **Delete** an access point.

Highlight it in **Group View** mode, right-click the access point, and select **Delete**.



Note: To view a list of supported access points, please go to the Frequently Asked Questions page at http:// support.dlink.com/faq

Group - Configuration

There are three main ways to configure an Access Point.

Right-click the Access Point and click Configuration. A new list of configurational options are available.

The options available from the drop-down menu are:



Section 3 - Installation

The second option is to click the arrow next to the **Configure** button.

Use this option to provide the same choices as done in the first selection.

Set IP Update Config Upgrade Firmware Web Management Telnet Change Access Password Enable SNMP Config Comparison



Group - Configuration - Set IP

You can manually set the IP Address of a selected Access Point.

To quickly access IP configuration tools, double-click the Access Point.

Set the **IP address**, **Subnet Mask**, and **Default Gateway**. Click **OK** to continue.

When a new Access Point is discovered, you can use this function to assign it a new IP address, Subnet Mask and Default Gateway to the device.



The Action column show the executing operation, while the Results column shows the progress by percentage. You can set the IP addresses of multiple devices this way. If the operation fails, please check the physical connections, and the username and password settings. (Refer to the Set Password section for details)

If you have entered the wrong IP information, you are prompted to re-enter new details. Click **OK** to try again.



Group - Configuration Update

Right-click the device, go to **Configuration**, and click **Update Config**.



The **SNMP** preview window prompts you to **enable SNMP**. Click OK to continue.



Section 3 - Installation

If the original settings are not clear an invalid path notice will appear.



The program redirects you to the Access Point's configuration tools.



Configuration - Firmware Upgrade

Right-click the device, go to **Configuration**, and click **Upgrade Firmware**.



The **Upgrade Firmware** configuration window opens.



Select the Access Point's firmware you wish to upgrade. Click the **Edit** field. A new window opens prompting you to search for the new firmware on your PC.



Once you have located the firmware, select it and click **Open**.

Open	? 🔀
Look in: 🔀) Firmware 💽 🗢 🗈 📸 🎫 🔹
DWL3200/	AP-firmware-v310-r0103.tfp
File name:	DWL3200AP-firmware-v310-r0103.tfp Open
Files of type:	firmware file(*.tfp) Cancel
	Open as read-only

Upload the firmware to the Access Point. Click **OK** to continue.

UP Firmware				
Module Name	Firmware		Edit	
DWL-3200AP	C:\Documents and Settin	ıgs\Benjamin.c	Edit	
	OK	Cancel		

Configuration - Web Management

Right-click the device, go to **Configuration**, and click **Web Management**.



Enter a User name and Password into the fields provided and click OK. Your PC's web browser will open and the Access Point's IP address will be entered into the address field. You can configure the Access Point using its built-in web-based manager as you would normally.

D-Link	د	DAP-2690
LOGIN		
Login to t	e Access Point:	
	Password Login	

Enter the Username and Password details.

D-I	link		DAP-2690
	LOGIN		
	Login to the Access Point:	User Name admin Password ••••• • Login	

This launches the browser interface.

D-Link							DAP-2	690
🔶 Home 🔏 Maintena	ance 🔻	📙 Configu	uration 👻	👙 System		💋 Logout	0	Help
DAP-2690	S	System Information						
Advanced Settings	Mo	del Name	DAP-26	90				
	Fim	nware Version	3.00 14	4:06:28 06/09/2013				
	Sys	tem Name	D-Link E	DAP-2690				
	Loc	ation						
	Sys	tem Time	01/01/19	970 01:32:07				
	Up	Time	0 Days,	1:32:8				
	Ope	eration Mode(2.4GH	z) Access	Point				
	Ope	eration Mode(5GHz)	Access	Point				
	MA	C Address(2.4GHz)	78:54:26	e:ad:61:e0				
	MA	C Address(5GHz)	78:54:26	e:ad:61:e8				
	IP A	Address	192.168	.0.50				
Configuration - Telnet

Right-click the device, go to Configuration, and click **Telnet**.

Once you have clicked Telnet, it opens the Command Prompt. This gives you access to the built-in Telnet CLI Manager. Type in the Username and Password in the console manager.







Configuration - Change Access Password

Right-click the device, go to **Configuration**, and click **Change Access Password**.



The **Change Username and Password** window asks you to enter the new **Username and Password** details. Click **OK** when complete to continue.



Configuration - Enable SNMP

Right-click the device, go to **Configuration**, and click **Enable SNMP**.



Under the **SNMP Enable Manager**, click the checkbox to **Enable SNMP**. Click the **Set check to open module** checkbox if you need this application. Enter the **Public** and **Private** data in the fields provided and click **OK** to complete.



The D-Link Manager software opens and you can configure it using this tool.

H.						DAP-2690 – 🗆
Home	Basic	Advanced	Maintenance	Status	Configuration	1 Help
	Basic	Sy	stem Informati	ion v		
ı v	Uireless		Model Name		DAP-26	690
	\$		Firmware Ver System Nami	e	Model N	Name
	LAN		Location		Model N	Name
	<u> </u>		System Time		Model N	Name
	IPv6		Up Time		Model N	Name
			Operation Mo	ode(2.4Gł	Hz) Model N	Name
			Operation Mo	ode(5GHz) Model N	Name
			MAC Addres:	s[2.4GHz]) Model N	Name
			SSID 1~7(2.4	4GHz)	ssid1-7(7(2.4)
			MAC Addres:	s(5GHz)	Model N	Name
			SSID 1~7(50	iHz)	ssid1-7((5) N
			IP Address		Model N	Name
Ad	lvanced					
Mai	ntenance	•				
	Status					
5	System					

Configuration - Configuration Comparison

Right-click the device, go to **Configuration**, and click **Config Comparison**.

Config Comparison needs two Access Points to work. Compare each configuration option against the other Access Point. Click **Apply** to continue.

[System] DHCPclient=1	[System] DHCPclient=1	
SubMask=255.255.255.0	SubMask=255.255.255.0	
Gateway=192.168.0.1	Gateway=1.2.3.6	
Username=	Username=	
Password=	Password=	
Telnet=1	Telnet=1	
Timeout=180	Timeout=180	
SSH=1	SSH=1	
[5GHz_WirelessSettings]	[5GHz_WirelessSettings]	
APmode=5	APmode=5	
SSID=dlink	SSID=dlink	
Channel=6	Channel=6	
AutochannelScan=1	AutochannelScan=1	
DataRate=31	DataRate=31	
BeaconInterval=100	BeaconInterval=100	
DTIM=1	DTIM=1	
RTSLength=2346	RTSLength=2346	
TransmitPower=1	TransmitPower=1	
[2.4GHz_WirelessSettings]	[2.4GHz_WirelessSettings]	
APmode=5	APmode=5	
SSID=dlink	SSID=dlink	
Channel=6	Channel=6	
AutochannelScan=1	AutochannelScan=1	
DataRate=31	DataRate=31	
BeaconInterval=100	BeaconInterval=100	
DTIM=1	DTIM=1	
RTSLength=2346	RTSLength=2346	P
	Annha Eurorat	Ē

Sorting

Right-click the device, go to Sort By

You can change the order of the **Access Points** by **IP Address**, **Location**, **Type**, and **Model Name**.



Once you have selected the sorting option, a **grey arrow** is placed beside it to represent its designation.

IP Address: Sorts by IP Address column
Location: Sorts by Location column
Type: Sorts by either Managed, Unmanaged or
Rogue Access Point.
Model Name: Sorts by Access Point model name.



View Mode

Right-click the device, go to View

You can **view** the Access Points based on different parameters. The options are: **Icon**, **Small Icon**, **List, Report, Show Active**, and **Show All**.



Properties

Right-click the device, go to Properties

The **Properties** parameter allows you to manage and view the properties of each Access Point on the network.



You can enter a description string in the **Location** textbox to describe the Access Point and then click the **Set** button to apply the changes.



The Access Point Manager II v3.0

The Access Point Manager is the main tool used to configure each Access Point. Users can save and load configuration files. When the files are loaded, you must click Apply if you want the settings to be applied to the selected device(s).

÷				DAP-2690	_ □	×
Home Basic	Advance	d Maintenance Status	Configuration	Help		
Basic	S	System Information -				
U ireless		Model Name	DAP-26	0		
11		Firmware Version System Name	Model N Model N	ame		
LAN		Location	Model N	ame		
		System Time	Model N	ame		
IPv6		Up Time	Model N	ame		
		Operation Mode(2.40	iHz) Model N	ame		
		Operation Mode(5GH	lz) Model N	ame		
		MAC Address(2.4GH;	z) Model N	ame		
		SSID 1~7(2.4GHz)	ssid1-7()	4)		
		MAC Address(5GHz)	Model N	ame		
		SSID 1~7(5GHz)	ssid1-7(1		
		IP Address	Model N	ame		
Advanced						
Maintenance						
Status						
System						
						lintal

Navigate any Access Point configuration using the menu on the left side of the window. This menu contains the following sections: **Basic**, **Advanced**, **Maintenance**, **Status**, and **System**. These sections and their menus will be discussed in detail in the following pages.

The Home Panel

The Home > System Information page contains basic configuration information about the Access Point being configured. The information available are:

Model Name				
Firmware Version				
System Name				
Location				
System Time				
Up Time				
Operation Mode (2.4GHz)				
Operation Mode (5GHz)				
MAC Address (2.4GHz)				
SSID 1~7 (2.4GHz)				
MAC Address (5GHz)				
SSID 1~7 (5GHz)				
IP Address				

	- • ×
Home Basic Advanced Maintenance Status Configuration Help	
Basic System Information -	
Model Name DAP-2690	
System Name Model Name	
LAN Location Model Name	
System Time Model Name	
IPv6 Up Time Model Name	
Operation Mode(2.4GHz) Model Name	
Operation Mode(5GHz) Model Name	
MAC Address(2.4GHz) Model Name	
SSID 1~7(2.4GHz) ssid1-7(2.4)	
MAC Address(5GHz) Model Name	
SSID 1~7(5GHz) ssid1-7(5)	
IP Address Model Name	
Advanced	
Maintenance	
System	
Jyacan	

There will be minor differences when using AP Manager II with a single band AP and a dual band AP.

This manual refernces both 802.11g and 802.11n configuration settings.

Basic - Wireless

÷.						DAP-26	90				-	×
Home	Basic	Advanced	Maintenance	Status	Configuration	Help						
	Basic	Wi	reless -									
	Vireless		Wireless Band		2.4GHz 💌							
	:		Mode		Access Point	_						
	LAN		Network Name (S	SID)	Default							
	<u> (</u>		SSID Visibility		Enable 💌							
	IPv6		Auto Channel Sel	ection	Enable 💌							
			Channel		1 💌							
			Channel Width		20MHz	~						
			Authentication		Open System	-						
			Key Settings Encryption	• Dis	able C Er	nable						
			Кеу Туре	HEX	Y	Key Size	64	Bits 💌				
			Key Index(1~4)	1	T							
			Network Key									
			Confirm Key									
	Adversed											
M	aintenance								Sa	ve		
	Status											
	System											
		,										

COMPONENT	DESCRIPTION
Wireless Band	Select between 2.4GHz or 5GHz frequency
Mode	Select the Wireless mode. Options include, Access Point, WDS with AP, WDS, and Wireless Client
Network Name (SSID)	The Service Set (network) Identifier of your wireless network
SSID Visibility	Enable to allow others to see it or select Disable to make it invisible to others
Auto Channel Selection	Select Enable for it to be auto select. Select Disable to manually select channels
Channel	Select between 1-3 Allows you to select a channel or set the Access Point to auto scan channels. 802.11g may not be set manually in certain regions (e.g. Europe and USA) in order to comply with DFS (Dynamic Frequency Selection) regulations.
Channel Width	Select the frequency range 20MHz or Auto 20/40MHz
Authentication	 Select the security method: Open System, Shared Key, WPA-Personal, WPA-Enterprise, and 802.1x Select Open System/Shared Key to allow either form of data encryption. Select WPA-Enterprise to secure your network with the inclusion of a RADIUS server. Select WPA-Personal to secure your network using a password and dynamic key changes. (No RADIUS server required.) Select WPA2-Enterprise to secure your network with the inclusion of a RADIUS server and upgrade the encryption of data with the Advanced Encryption Standard (AES). Select WPA2-Personal to secure your network using a password and dynamic key. No RADIUS server is required and encryption of data is upgraded with the Advanced Encryption Standard (AES). Select WPA-Auto-Enterprise to allow the client to either use WPA-Enterprise or WPA2-Enterprise. Select WPA-Auto-Personal to allow the client to either use WPA-Personal or WPA2-Personal.
Key Settings Encryption	Select Disable or Enable
Кеу Туре	When enabled, select between ASCII and HEX and the key size either 64bit or 128bit
Key Index (1-4)	Select between 1-4
Network Key	Ask your administrator about this or type in the details provided in the field
Confirm Key	Repeat the details as entered above
Save	Click this button to save your work

WIRELESS - AUTHENTICATION

If one changes the Authentication method under Wireless, one would notice, that when you switch between methods the window below changes. Toggle between different network authentication methods to determine your settings. For WPA-Personal, the image below shows the options available.

÷	DAP-2690	- 🗆 🗙
Home Basic Advan	nced Maintenance Status Configuration Help	
Basic	Wireless -	
4	Mode Access Point	^
Wireless	Network Name (SSID) Default	
4	SSID Visibility Enable 💌	
LAN	Auto Channel Selection Disable 💌	
- 🍕 🛛	Channel 1 💌	
IPv6	Channel Width Auto 20/40MHz 💌	
	Authentication WPA-Personal	
	PassPhrase Settings	
	WPA AUTO(WPA or WPA:	
	Cipher Type AES 💌 Group Key Update Interval 1800 (Seconds)	
	• Manual C Periodical Key Change	
	Activated From Sun 💌 : 00 💌 : 00 💌	
	Time Interval (1~168)hour(s)	
	PassPhrase	
	Confirm PassPhrase	
Advanced	notice: 8~63 in ASCII or 64 in Hex	
Maintenance		
Status	Save	
System		¥
(SNMPClass) SNMP requ	juest timed out!	

Section 3 - Installation

COMPONENT	DESCRIPTION
PassPhrase Settings	Toggle between Auto (WPA or WPA2), WPA2 only and WPA only.
Cipher Type	Select Auto, TKIP, or AES from the drop-down menu
Group Key Update Interval	Select the interval validity. 1800 is the recommended setting. A lower interval may reduce transfer rates.
Passphrase	Enter a PassPhrase between 8-63 characters in length.

PassPhrase Settings-		٦
WPA	AUTO(WPA or WPA2	
Cipher Type	AES Group Key Update Interval 1800 (Seconds)	
Manual	C Periodical Key Change	
Activated From	Sun 💌 : 00 💌 : 00 💌	
Time Interval	(1~168)hour(s)	
PassPhrase		
Confirm PassPhrase		
	notice: 8~63 in ASCII or 64 in Hex	
		_
	Save	

WPA-ENTERPRISE

• DAP-2690	
Home Basic Advanced Maintenance Status Configuration Help	
Basic Wireless -	
Wrieless Authentication WPA_Enterprise Wrieless Radius Server Settings WPA AUTO(WPA or WPA. Cipher Type AES Cipher Type Group Key Update Interval 1800 (Seconds) Network Access Protection Protection © Disable	
RADIUS Server Mode	
RADIUS Server C External C Internal Primary RADIUS Server Setting RADIUS Server RADIUS Port 1812	
naujus secret Backup BADIUS Server Sation(Optional)	■ DAP-2690 – □ ×
	Home Basic Advanced Maintenance Status Configuration Help
RADIUS Server · · · RADIUS Port 1812	Basic Wireless -
RADIUS Secret	RADIUS Server Mode
Primary Accounting Server Setting	Wireless RADIUS Server C External C Internal
Advanced Accounting Mode Disable -	Primary RADIUS Server Setting
Maintenance Accounting Server Accounting Port 1813	RADIUS Server RADIUS Port 1812
Status RADIUS Secret	LAN PÁDIUS Secret
System (SNMDClass) SNMD request timed out!	Rackup BADIUS Server Setting[Ontional]
	IPv6
	RADIUS Server RADIUS Port 1012
	RADIUS Secret
	Primary Accounting Server Setting
	Accounting Mode Disable 💌
	Accounting Server Accounting Port 1813
	BADIUS Secret
	Backup Accounting Server Setting(Optional)
	Accounting Server
	Accounting Secret
	Advanced
	Maintenance
	Save
	System
	(Simir-Class) Simir request united OUT:

WPA-ENTERPRISE

COMPONENT	DESCRIPTION
WPA	Toggle between Auto (WPA or WPA2), WPA2 only and WPA only.
Cipher Type	AES
Group Key Update Interval	Select the interval validity. 1800 is the recommended setting. A lower interval may reduce transfer rates.
Network Access Protection	Select to Enable or Disable this function
Radius Server Mode	RADIUS Server - Select External or Internal
Primary RADIUS	Enter the IP address of the RADIUS server
Server Settings	
RADIUS Port	Enter the port used on the RADIUS server
RADIUS Secret:	Enter the RADIUS secret.
Accounting Mode	Click to Enable or Disable
Accounting Server:	Enter the IP address of the Accounting server.
Accounting Port:	Enter the port used on the Accounting server.
Backup Accounting	Accounting Server, Accounting Port, and Accounting Secret
Server Settings	

Basic - LAN

Connect your Access Point to a LAN connection with Static IP or Dynamic IP. With Static you will need to enter the details manually. Whereas with Dynamic, setting IP's are automatic, assigned by your default router.

÷		DAP-2690	- 🗆 🗙	Note: Before beginning with Static configuration,
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance	<u>Status</u> <u>Configuration</u> <u>H</u> elp		know the following: IP range Subnet Mack Default
Basic	LAN -			KIOW THE IOHOWING. IF Tange, Subhet Mask, Delaut
Wireless	Get IP From	Static IP(Manual)		Gateway, and DNS settings.
44	IP Address	· · ·		
LAN	Subnet Mask	· · ·		
-	Default Gateway	· · · ·		
IPv6	DNS		- ¥	DAP-2690
		Save	Home Basic Advance	d Maintenance Status Configuration Help
			Basic	AN ▼
			e Wireless	Get IP From Dynamic IP(DHCP)
			4	IP Address
			LAN	
			46	Default Gateway
Advanced			IPv6	DNS
Status				
System				Save
Reading Config from				
Note: The receiving	e Access its IP fro	Point acts as a DHCP clie om the DHCP server.	ent ,	
			Advanced Maintenance	
			Status	
			System	
			Reading Config from	

Basic - IPv6

What is IPv6? - The familiar IP addresses that are assigned to practically every device that can access the Internet— computers, smartphones, cameras—follow the IPv4 naming scheme which was developed in 1977. The 32-bit system, which follows the xxx.xxx.xxx pattern, with each set of numbers ranging from 0 to 254, is capable of generation up to 4.3 billion possible addresses. IPv4 systems and IPv6 systems can run in parallel, the newer standard is not backwards-compatible. A user on the IPv6 network with an IPv6 address is limited to accessing Websites and services that also have an IPv6 address.

H					DAP-2690 – 🗆 💌	
<u>H</u> ome <u>E</u>	asic <u>A</u> dvar	nced <u>M</u> aintenance	<u>S</u> tatus	<u>C</u> onfiguration	n <u>H</u> elp	
Ba	isic	LAN -				
e Win	eless	Get IP From				
4		IP Address			•	
L	AN	Subnet Mask				
ę	\$	Default Gateway			•	
IF	v6	DNS			•	
					Save	
Adva	anced					
Mainte	enance					
Sta	atus					
Sys	tem					
Reading Co	onfig from					//

Section 3 - Installation



Static IP - Enter the details manually.



Dynamic IP - Have the DHCP server assign an IP to the Access Point

Advanced - Performance

Handles the connection speed options.

÷		DAP-2690 – 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfig	juration <u>H</u> elp
Basic	Performance 🕶	
Advanced	Wireless Band	2.4GHz
Performance	Wireless	On 💌
<u> </u>	Wireless Mode	Mixed 802.11n,802.11g and 802.11b
Multi-SSID	Data Rate	Best(up to 54) (Mbps)
	Beacon Interval (40-500)	0
VLAN	DTIM Interval (1-15)	0
	Transmit Power	100% 💌
	WMM (Wi-Fi Multimedia)	Disable 💌
Intrusion	Ack Time Out (2.4GHz, 48~200)	0 (us)
- 🎸	Short GI	Disable 💌
Schedule	IGMP Snooping	Disable 💌
<u> (</u>	Connection Limit	Disable 💌
DHCP Server	User Limit (0 - 64)	0
4 6	Network Utilization	0% 💌
АР Алтау	Multicast Rate	Disable 💌 (Mbps)
- A2	Multicast Bandwidth Control	Disable 💌
Status	Maximum Multicast Bandwidth	kbps
System	HT20/40 Coexistence	C Enable C Disable
(SNMPClass) SNMP req	uest timed out!	i save i

COMPONENT	DESCRIPTION
Wireless Band	Select between 2.4GHz and 5GHz
Wireless	Select On/Off
Wireless Mode	Mixed 802.11n, 802.11g, and 802.11b/ 802.11g, and 802.11b/ 802.11n Only
Data Rate	up to 54Mbps
Beacon Interval	Beacons are packets sent by an access point to synchronize a network. Specify the beacon
	value for the selected device(s) here. The default value of 100 is recommended
DTIM Interval (1-15)	DTIM (Delivery Traffic Indication Message) is a countdown informing clients of the next
	listening window for broadcast and multicast messages.
Transmit Power	Range from 12.5% - 100%
MANA (MA: F: Multime adia)	Select Enable/Disable, (Wi-Fi Multimedia) Improves the user experience for audio, video, and voice applications
www.com.com.com.com.com.com.com.com.com.com	over a Wi-Fi network. WMM is based on a subset of the IEEE 802.11e WLAN QoS standard.
Ack Time Out	Select the time-out range
(2.4GHz, 48-200)	
Short GI	Select Enable/Disable
IGMP Snooping	Selec Enable/Disable
Connection Limit	Select Enable/Disable
User Limit (0-64)	Limit the number of users that access this AP
Network Utilization	Limit how the network is used
Multicast Rate	Select between Disable/ 1/2Mbps
Multicast Bandwidth Control	Select between Enable/Disable
Maximum Multicast	Enter a rate in kbps
Bandwidth	
HT20/40 Coexistence	Select to Enable or Disable
Save	Click to save all configuration changes

Advanced - Multi-SSID

SSID Configuration - Click the checkbox to Enable Multi-SSID and Enable Priority

÷	DAP-2690 -	×
<u>H</u> ome <u>B</u> asic <u>A</u> dva	anced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp	
Basic	Multi-SSID 🗸	
Advanced	Enable Multi-SSID	^
e formance	Wireless Settings Band Index	
4	SSID dlink	- 11
Multi-SSID	SSID Visibility Disable 💌	
<u>46</u>	Security Open System	- 11
VLAN	Priority 0 -	- 11
Intrusion	WMM (Wi-Fi Multimedia) Disable 💌	
-	Key Settings Encryption © Disable © Enable	
Schedule	Key size 64 Bits	
	Key Index(1~4)	- 11
DHCP Server	Network Key	
	Confirm Key	- 1
АР Аттау	Add	
Maintenance	Index SSID Band Encruption Edit Delete	
Status		
System		~
		1.

COMPONENT	DESCRIPTION
Wireless Settings - Band	Select between 2.4GHz and 5GHz
Index	Select between the Primary SSID, SSID 1/2/3/4/5/6/7
SSID	Enter a name in the field provided
SSID Visibility	Select to Enable/Disable
Security	Select between Open System/ WPA-Personal/ WPA-Enterprise/ 802.1x
Priority	Select between 1-7
M/MAA (Mi Ei Multimodia)	Select Enable/Disable, (Wi-Fi Multimedia) Improves the user experience for audio, video, and voice applications
	over a Wi-Fi network. WMM is based on a subset of the IEEE 802.11e WLAN QoS standard.
Key Settings - Encryption	Select to Enable/Disable
Кеу Туре	Select ASCII or HEX
Key Size	64 /128 Bits
Key Index (1-4)	Select between 1-4
Network Key	Enter a key value
Confirm Key	Repeat the key value entry
Add	Click Add to add it to the SSID table
Save	Click Save to activate your configuration options

Advanced - VLAN

VLAN Configuration - Select to Enable or Disable VLAN settings. VLAN allows for the partitioning of physical networks.



VLAN List - Adding VLAN's populates the VLAN List table.

Port List - Adds ports to the list as it becomes populated.

Advanced - Add/Edit VLAN's

				DAP	-2690						×		ŧ				DAF	P-2690						- • ×
Home Basic Advanced Maintenance Status Configuration Help									iced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp															
Basic	VLAN -												Basic	VLAN 🗸										
Advanced	VLAN Status	C Disable C	Enable		Save	1							Advanced	VLAN Status	C Disable C	Enable		Save	1					
Performance	VLAN Mode :	Static											Performance	VLAN Mode :	Static		_							
	VLAN List POR	T List Add/Edit	VLAN PVID	Setting								1		VLAN List POF	RT List Add/Edit	VLAN PVID	Setting							
Multi-SSID	VLAN ID (VID)				VLAN N	Name					^		Multi-SSID	2.4GHz MultiSSID	Select All	Primary	S-1	S-2	S-3	S-4	S-5	S-6	S-7	î
	Port	Select All	Mgmt	LAN										Untag	ALL	(•	œ	(•		•	œ	(•	(•	
- 	Untag	ALL	œ	æ									<u> </u>	Tag	ALL	0	С	С	C	С	0	С	С	
VLAN	Tag	ALL	0	0									VLAN	Not Member	ALL	0	0	0	0	0	0	0	С	
J	Not Member	ALL	С	С									20	WDS Port	Select All	W-1	W-2	W-3	₩-4	W-5	W-6	W-7	W-8	
	2.4GHz	Calcabili	Diaran	0.1	6.2	6.2	C 4	C E		6.7			4	Untag	ALL	æ	œ	œ	œ	œ	œ	•	œ	
Intrusion	Mulassib	ALL	Filmary	5-1	3-2 C	5-3	5-4	5-5	5-6	5.7			Intrusion	Tag	ALL	0	С	0	0	0	0	C	0	
<u>e</u> (5	Untag	ALL											<u>e</u> 🐴	Not Member	ALL	0	0	0	0	0	0	0	0	
	lag	ALL	0	0	0	0	6	0	0	0			A	5GHz										1
Scriedule	NOUMENDE	ALL	· · ·	0	0			0	0				Schedule	MultiSSID	Select All	Primary	5-1	5-2	5-3	5-4	5-5	5-6	5-7	
<u></u>	WDS Port	Select All	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8			<u>e</u> 🐴	Untag	ALL	(•		(•	(•		(•	(•		
DHCP Server	Untag	ALL	(•	œ	•	œ	•	•	۲	•				Tag	ALL	0	C	0	0	C	0	0	0	
	Tag	ALL	0	0	C	0	C	0	0	0				Not Member	ALL	0	0	0	C	0	0	0	0	
<u></u>	Not Member	ALL	C	С	С	C	С	С	C	С				WDS Port	Select All	W-1	W-2	W-3	W-4	W-5	W-6	₩.7	W-8	
AP Array	MultiSSID	Select All	Primaru	S-1	S-2	S-3	S-4	S-5	5-6	S-7			AP Array	Untag	ALL	æ	œ	œ	•	۲	(•	(•	œ	
•	Untag	ALL	(•	G	6	G	6	G	6	G			•	Tag	ALL	0	С	C	С	С	0	С	0	
Maintenance	Tag	ΔI Ι	6	0	0	0	0	0	0	0			Maintenance	Not Member	ALL	0	0	0	0	0	0	0	0	
Status	Not Member	ALL	c	C	c	C	°	C C	°.	C	~		Status										Save	~
System													System					_			_			
												//												1

COMPONENT	DESCRIPTION	
VLAN ID	Enter an ID for the VLAN	
VLAN Name	Enter a name for the VLAN	
Port	Select a Port number or select all	
2.4GHz MultiSSID	Select an SSID to add to the VLAN	
5GHz MultiSSID	Select an SSID to add to the VLAN	

÷.						DAP-26	590				-	x
<u>H</u> ome	<u>B</u> asic	<u>A</u> dvance	d <u>M</u> aintena	nce <u>S</u> tatus	<u>Configuration</u>	<u>H</u> elp						
	Basic	V	LAN -									
A	dvanced	\	/LAN Status	C Disable	C Enable	S	ave					
	\$		/LAN Mode :	Static								
Pe	rformance			DT I GAL		Setting						
	i	v	PVID Auto As:	sign Status	C Disable	C Enabl	e					
M	1ulti-551D		Port	Primary	S-1							
	i		PVID									
	VLAN		– 2.4GHz MultiSSID	Primary	S-1	S-2 9	5-3 S-4	S-5	S-6	S-7		
	i		PVID									
'	Intrusion		WDS Port	Primary	S-1	S-2 9	5-3 S-4	S-5	S-6	S-7		
	4		PVID									
	Schedule		- 5GHz MultiSSID	Primary	S-1	S-2 9	5-3 S-4	S-5	S-6	S-7		
	4		PVID									
DH	ICP Serve	er	WDS Port	Primary	S-1	S-2 9	5-3 S-4	S-5	S-6	S-7		
	4		PVID									
,	AP Array	•							9	iave		
Ma	aintenance	•										
	Status											
	System											
												1

COMPONENT	DESCRIPTION
PVID Auto Assign Status	Select Enable/Disable to activate the feature
Port	Select Primary or S-1
PVID	Enter the specific updates
2.4GHz	Select between MultiSSID PVID settings and WDS Port settings
5GHz	Select between MultiSSID PVID settings and WDS Port settings

Advanced - Intrusion

Intrusion Configuration - Select tools to monitor the networks security

÷	DAP-2690 – 🗆 🗙	DAP-2690 - 🗆
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp	Home Basic Advanced Maintenance Status Configuration Help
Basic	Intrusion -	Basic Intrusion -
Advanced	Wireless Rand 246Hz V Detect	Advanced Nicolay Band 24CMa = Detect
<u>e</u>		
	An List 5GHz	AP List
renormance	All Select All	Performance
Multi-SSID	Type Band CH SSID BSSID LastSeen Status	Mult-SSID Mode
VLAN		VLAN INTERNAL
Intrusion		
Schedule		Schedule
DHCP Server		DHCP Server
AP Array	Set As Valid Set As NeighborHood Set As Rogue Set As New	AP Array
Maintenance	C. Mark All New Access Points as Roque Access Points	Maintenance C Mark All New Access Points as Valid Access Points
Status	Save	Status
System		System System
	, //	

COMPONENT	DESCRIPTION	
Wireless Band	Select between 2.4GHz and 5GHz then click Detect	
ADLict	From the drop-down list select All, Valid, Neighborhood, Rogue, and	
AP LIST	New / Alternatively, click the Select All checkbox	

Once you have populated the Intrusion table, select your option by choosing either the Set as Valid, Set as Neighborhood, Set as Rogue, or Set as New button. The intrusion data is monitored by Type, Band, Channel, SSID, BSSID, Last Seen, and Status.

Advanced - Schedule

Scheduling - Select a schedule for each SSID

÷	DAP-2690	- 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dvar	nced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp	
Basic	Schedule -	
Advanced	Wireless Schedule	
<u> 4</u>	Add Schedule Rule	
Performance	Name	
	Index	
4	SSID	
Multi-SSID	Dav(s) C All Week G Select Dav(s)	
	Sun Mon Tue Wed Thu Fri Sat	
- 4	All Day(s)	
VLAN	Start Time : (hour:minute, 24 hour time) Add	
<u>4</u>	End Time : (hour:minute, 24 hour time) Clear	
Intrusion		
Indusion	Schedule Rule List	
- California (California)	Name SSID Index SSID Day(s) Time Frame Wireless Edit	Delete
Schedule		
- 4 9		
DHCP Server		
44		
Maintenance		
Status		Save
System		
		1.

Advanced - DHCP Server

DHCP Server - Control and configure the DHCP server.

÷	DAP-2690 – 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp
Basic	DHCP Server -
Advanced	Dynamic Pool Settings Static Pool Settings Current IP List
Contraction Performance	DHCP Server Control Function Enable/Disable Disable
24	Dynamic Pool Settings
	IP Assigned From
Multi-SSID	The Range of Pool (1-254)
VLAN	Subnet Mask
	Gateway
Intrusion	
Schedule	DNS · · ·
	Domain Name
DHCP Server	Lease Time (60 - 31536000 sec) Save
AP Array	
- Al -	
Maintenance	
Status	
System	

Dynamic Pool Settings

COMPONENT	DESCRIPTION
DHCP Server Control	Select to Enable/Disable
IP Assigned From	Enter an IP to start from
The Range of Pool	Enter the IP pool range
Subnet Mask	Enter an subnet mask
Gateway	Enter a Gateway IP
WINS	Enter a WINS address
DNS	Enter a DNS address
Domain Name	Enter a Domain Name
Lease Time	Enter the IP duration
Save	Click Save to saving your configuration settings

Static Pool Settings

COMPONENT	DESCRIPTION
DHCP Server Control	Select to Enable/Disable
IP Assigned From	Enter an IP to start from
The Range of Pool	Enter the IP pool range
Subnet Mask	Enter an subnet mask
Gateway	Enter a Gateway IP
WINS	Enter a WINS address
DNS	Enter a DNS address
Domain Name	Enter a Domain Name
Lease Time	Enter the IP duration
Save	Click Save to saving your configuration settings

÷			DAP-2690		- 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> t	atus <u>C</u> onfiguration <u>F</u>	<u>H</u> elp		
Basic	DHCP Server -		1		
Advanced	Dynamic Pool Settings	Static Pool Settings Curre	nt IP List		
4	Current DHCP Dynam	ic Pools]
Performance	Host Name	Binding MAC Address	Assigned IP Address	Lease Time	
ین Multi-SSID					
VLAN	Current DHCP Static F	Pools	1		
	Host Name	Binding MAC Address	Assigned IP Address		
Intrusion					
4					
Schedule					
CHCP Server					
ф АР Алау					
Maintenance					
Status					
System					

Current IP List

COMPONENT	DESCRIPTION
Current DHCP	
Dynamic Pools	
Host Name	The host name is the main DHCP host provider
Binding MAC Address	These are the MAC addresses of the connected AP's
Assigned IP Address	These are the IP addresses assigned by the DHCP server
Lease Time	The IP life span

COMPONENT	DESCRIPTION
Current DHCP Static Pools	
Host Name	The host name is the main DHCP Static host provider
Binding MAC Address	These are the MAC addresses of the connected AP's
Assigned IP Address	These are the IP addresses assigned by the DHCP server
Lease Time	The IP life span

Advanced - AP Array

AP Array is enabling one or more Access Points to form a team of network devices. These Access Points amount to an array. They can be used as backup devices for when one or more than one goes down.

÷	DAP-2690 -	
Home Basic Adva	anced Maintenance Status Configuration Help	
Basic	AP Array 🗸	
Advanced	🔽 Enable AP Array	^
🧉 🥸	C Master C Backup Master C Slave	
Multi-SSID	AP Array Name	
4	AP Array Password	
VLAN	Scan AP Array List Scan	
<u></u>	Connection Status Disconnect	
Intrusion	AP Array List	
in a doion	Array Name Master IP MAC Master Back Slave Total	
<u>-</u>		
Schedule		
DHCP Server	Current Members	
	Index Role IP Address MAC Address Location	
- 2 9		
AP Array		
Web Redirection		
_		
Maintenance	Synchronized Parameters Clear All	
Status		
System	Wireless Basic Settings	×
Reading Config from	n m	

COMPONENT	DESCRIPTION
Enable AP Array	Click the checkbox to start the AP Array
Master	Select this to make the Access Point the main device
Backup Master	Select this option to make this Access Point the backup to the main device
Slave	Select this option to make this Access Point the slave to either the Master or the Backup Master
AP Array Name	Enter a name for the Access Point array
AP Array Password	Enter a password for the Access Point
Scan AP Array List	Click the Scan button to scan the network
Connection Status	This will mention if you are connected or disconnected
AP Array List	This list is populated once arrays are added
Current Members	This is a list of the Access Point Array members
Sychronize Parameters	Click Clear All to clear the list

Advanced - AP Array - Alternative Settings

Under the main Array Settings there is also settings for Wireless Basic Settings, Wireless Advanced Settings, Multiple SSID & VLAN settings, Advanced Functions, and Administrative Settings. Let's take a closer look.

Click the checkbox next to Wireless Basic Settings. The options expand to include: Network Name (SSID), SSID Visibility, Auto Channel Selection, Channel Width, Security, and Band. Select the options you need in your configuration.

÷			DAP-2690		 ×
<u>H</u> ome <u>B</u> asic <u>A</u> dvane	ced <u>M</u> aintenance <u>S</u> tatus	<u>C</u> onfiguration	<u>H</u> elp		
Basic	AP Array 👻				
Advanced					^
🍕 🍯					
Multi-SSID					
24	Current Members		1		
₹.	Index Hole	IP Address	MAL Address	Location	
VLAN					
<u> 46</u>					
Intrusion					
<u> </u>	1				
Schedule	Synchronized Parameters	Clear All			
	Wireless Basic Settings		$\overline{\mathbf{v}}$		
DHCP Server	Network Name (SSID)		SSID Visibility		
	Auto Channel Selection		Channel Width		
AP Array	Security		Band	Г	
	Wireless Advanced Setting				
Web Redirection	Multiple SSID & VLAN				
Maintenance	Advanced Functions				
Status	Administration Settings				
System					~
Reading Config from					11.

Click the checkbox next to Wireless Advanced Settings. The options expand to include: Date Rate, Beacon Interval, DTIM Interval, Transmit Power, WMM (Wi-Fi Multimedia), Ack Time Out, Short GI, IGMP Snooping, Link Integrity, Connection Limit, Wireless ACL. Select the options you need in your configuration.

Click the checkbox next to Multiple SSID & VLAN. The options expand to include: SSID, SSID Visibility, Security, WMM, or VLAN. Select the options you need in your configuration.

			DAP-2690		- 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> tatus	<u>C</u> onfiguration	<u>H</u> elp		
Basic	AP Array 🗸				
Advanced		-	1		^
🍕 🗖	Synchronized Parameters	Clear All			
Multi-SSID	Wireless Basic Settings		$\overline{\mathbf{v}}$		
	Network Name (SSID)		SSID Visibility		
VLÄN	Auto Channel Selection		Channel Width		
ି କ	Security		Band	Γ	
Intrusion	Wireless Advanced Setting		\checkmark		
	Data Rate		Beacon Interval		
Schedule	DTIM Interval		Transmit Power		
10	WMM (Wi-Fi Multimedia)		Ack Time Out		
	Short GI		IGMP Snooping		
	Link Integrity		Connection Limit		
	Wireless ACL				
АР Аттау	Multiple SSID & VLAN				
	Advanced Functions				
Web Redirection	Administration Settings		Г		
Maintenance					
Status					
System				Save	~
Reading Config from					1.
			DAP-2690		_ 🗆 🗙
Home Basic Adva	nced Maintenance Status	Configuration	Help		

			DAP-2690		×
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> tatus	<u>C</u> onfiguration	<u>H</u> elp		
Basic	AP Array 🕶				
Advanced	Auto Channel Selection		Channel Width		^
🌒 🐠 🖻	Security		Band		
Multi-SSID	Wireless Advanced Setting		V		
	Data Rate		Beacon Interval		
VLAN	DTIM Interval		Transmit Power		
	WMM (Wi-Fi Multimedia)		Ack Time Out		
Intrusion	Short GI		IGMP Snooping		
46	Link Integrity		Connection Limit	Γ	
Schedule	Wireless ACL	Γ			
46	Multiple SSID & VLAN		V		
DHCP Server	SSID		SSID Visibility		
46	Security		WMM		
AP Array	VLAN	Г			
	Advanced Functions				
	Administration Settings				
Web Redirection	-				
Maintenance				Save	
Status					
System					¥
Reading Config from					///
Click the checkbox next to Advanced Functions. The options expand to include:Schedule Settings, QoS Settings, DHCP server Settings, Log Settings, Time and Date Settings. Select the options you need in your configuration.



Click the checkbox next to Administrative Settings. The options expand to include:Limit Administrator, System Name Settings, Login Settings, Console Settings, SNMP Settings, and Ping Control Settings. Select the options you need in your configuration.

			DAP-2690			×
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> tatus	<u>C</u> onfiguration	<u>H</u> elp			
Basic	AP Array 🗸		ALC 1997 199			
Advanced	(interventional)	1	There is a second second	1		^
e 👗 🖻	Short GI		IGMP Snooping	Г		
Multi-SSID	Link Integrity		Connection Limit			
Mail SOID	Wireless ACL	Г				
<u> </u>	Multiple SSID & VLAN					
VLAN) v			
	SSID		SSID Visibility			
	Security	Г	WMM			
Intrusion	VLAN	_				
			_			
	Advanced Functions		V			
Schedule	Schedule Settings		QoS Settings			
	DHCP server Settings		Log Settings			
DHCP Server	Time and Date Settings	Γ				
<u> </u>	Administration Settings		$\overline{\mathbf{v}}$			
AP Array	Limit Administrator		System Name Settings			
	Login Settings		Console Settings			
Web Redirection	SNMP Settings		Ping Control Setting	Γ		
_						
Maintenance				Save		
Status						
System]					~
Reading Config from						11.

Advanced - Web Redirection

Web redirection is what the name implies. It will redirect data to a web address or web IP.

÷	DAP-2690	- 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp	
Basic	Web Redirection -	
Advanced	Enable Web Redirection	
🍕 🍯	Web Site	
Multi-SSID	Enable Web Authentication	
<u> </u>	Add Web Redirection Account	
VLAN	User Name	
	Password	
Intrusion	Status Enable Clear	
	Web Redirection Account List	
Schedule	Status/Index User Name Edit Delete	
<u> 46</u>		
DHCP Server		
AP Array		
4		
Web Redirection	Save	
Maintenance		
Status		
System		
Reading Config from		1.

Section 4 - Configuration

COMPONENT	DESCRIPTION
Enable Web Redirection	Click the checkbox to enable this function
Web Site	Enter the website details
Enable Web Authentication	Check this checkbox to enable authentication on the web server
Add Web Redirection	
Account	
Username	Enter a username for the account details
Password	Enter a password for the redirection
Status	Select between Enable or Disable
Clear	Click clear to erase data
Web Redirection Account List	Data entered into earlier will promulgate in this list
Save	Click Save to save settings

Advanced - Internal RADIUS Server

The Access Point allows you to set RADIUS Server

÷	DAP-2690	- 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp	
Basic	Internal RADIUS Server -	
Advanced	Add RADIUS Account User Name Pessword	
Ц АР Алау	Status Enable Clear	
Web Redirection	RADIUS Account list Status/Index User Name Edit Delete	
Internal RADIUS Server		
Siter		
Control	Save	
Prevention Settings Maintenance		
Status System		
		11.

COMPONENT	DESCRIPTION
Add RADIUS Account	
User Name	Enter a username for the account
Password	Enter a password for the RADIUS Account
Status	Click to enable or disable
Clear	Click clear to erase data
RADIUS Account List	Data entered into earlier will promulgate in this list
Save	Click Save to save settings

Advanced - Filters

The Filter protects your Access Point on two fronts: MAC addressing and WLAN partitioning.

H .		DAP-2690		_ 🗆 🗵	
Home Basic Advanced M	<u>l</u> aintenance <u>S</u> tatus <u>C</u> onfi	guration <u>H</u> elp			
Basic Filter	~				
Advanced Wirele	s MAC ACL WLAN Partition				
📫 🗖 Wirel	ess Band 2.4G	Hz 🔻			^
DHCP Server Acces	s Control Acce	pt 💌			
AP Array MAC /	Address 00:00	2:00:00:00:00	Add		
Web Redirection	Mac Address	Delete			
4					
Internal RADIUS Server					
Filter Currer	t Client Information				
A Mac	Address SSID	Band Authentication	Signal		
Traffic Control					
46					
ARP Spoofing Prevention Settings					
Maintenance					
Status					~
System					
Reading Config from					//.

COMPONENT	DESCRIPTION
Wireless Band	Select between 2.4GHz or 5GHz
Access Control	Select between Accept, Reject, or Disable
MAC Address	Enter the MAC address details
Add	Click the Add button to add it to the list
Current Client Information	This list is populated as devices are added
Upload ACL File	Click Browse to add an ACL file to the list and click Upload when ready
Download ACL File	Click the Download button to dowload the file to your local hard drive
Save	Click Save to save settings



COMPONENT	DESCRIPTION
Wireless Band	Select between 2.4GHz or 5GHz
Link Integrity	Click the checkbox to enable
Ethernet to WLAN Access	Click the checkbox to enable
Internal Station Connection	For each SSID, either select to Enable/ Disable/ or set in Guest mode
Save	Click Save to save settings

Advanced - Traffic Control

Control downloads and uploads to or from the Access Point. These network links can be controlled in 2.5GHz or 5GHz modes. Toggle between the two modes.

÷				DAP-2690			×					
<u>H</u> ome <u>B</u> asic <u>A</u> dva	nced <u>N</u>	<u>l</u> aintenance <u>S</u> tatus	<u>C</u> onfiguration	<u>H</u> elp								
Basic	Traffic	: Control 🗸										
Advanced	Uplink	and Downlink Setting	QoS Traffic Ma	anager								
	Ethern	net 🔲 Downlink Downlink Interface —	🔲 Uplink				^					
	2.4GH	Primary-ssid	🔲 Multi-ssid1	🗌 Multi-ssid2	Multi-ssid3							
АР Алау	5GHz	🔲 Multi-ssid4	🗌 Multi-ssid5	🥅 Multi-ssid6	🔲 Multi-ssid7							
Ueb Redirection		UMDS1	U WDS2	T WDS3	□ WDS4							
			U WDS6	U WDS7	WDS8	÷.			DAP-2690			×
Internal RADIUS Server	Г	Uplink Interface				Home Basic Advanced	<u>M</u> aintenance	Status Configuration	<u>H</u> elp			
		Primary-ssid	🔲 Multi-ssid1	Multi-ssid2	🔲 Multi-ssid3	Basic Tra	uffic Control 🗸					
4						Advanced Up	link and Downlink	Setting QoS Traffic Ma	anager			
Filter		🔲 Multi-ssid4	🔲 Multi-ssid5	🔲 Multi-ssid6	🔲 Multi-ssid7	Fr	hernet 🗖 Do	woliok 🔲 Uplink				^
<u>44</u>							– Downlink Inte					
Traffic Control		□ WDS1	WDS2	□ WDS3	□ WDS4	DHCP Server	Primary-	-ssid 🔲 Multi-ssid1	Multi-ssid2	Multi-ssid3		
ARP Spoofing		WDS!	□ WDS6	T WDS7	T WDS8	АР Алау	⊻ ξ	id4 🔲 Multi-ssid5	Multi-ssid6	Multi-ssid7		
Prevention Settings Maintenance	Down	link Bandwidth(1~300)		Mbits/sec			- WDS1	□ wDS2	□ wds3	WDS4		
Status System	Uplink	. Bandwidth(1~300)		Mbits/sec	Save	Web Redirection						
Reading Config from						- 🎸 📗	U WDS5	🗆 WDS6	WDS7	□ WDS8		
						Internal RADIUS	Uplink Interfa	ace			1	
						4	🔲 Primary-	-ssid 🔲 Multi-ssid1	Multi-ssid2	🔲 Multi-ssid3		
						Filter	🔲 Multi-ssi	id4 🔲 Multi-ssid5	🔲 Multi-ssid6	🔲 Multi-ssid7		
						Traffic Control	□ wDS1	🗆 WDS2	🗆 WDS3	UWDS4		
									U MDS7	WDS8		
						Prevention Settings	wnlink Bandwidth	n(1~300)	Mbits/sec		1	
						Status U	blink Bandwidth(11	~300)	Mbits/sec	Save	1	v
						Pending Config from						
						Reading Config from						

Uplink and Downlink Settings

COMPONENT	DESCRIPTION
Ethernet	Click either the Downlink or Uplink checkboxes to configure the settings
For Downlink Interface	Click the checkbox to enable any of the SSID's
Select between	Primary-ssid, Multi-ssid1, Multi-ssid2, Multi-ssid3, Multi-ssid4, Multi-ssid5, Multi- ssid6, Multi-ssid7, WDS1, WDS2, WDS3, WDS4, WDS5,WDS6,WDS7, WDS8
For Downlink Interface	Click the checkbox to enable any of the SSID's
Select between	Primary-ssid, Multi-ssid1, Multi-ssid2, Multi-ssid3, Multi-ssid4, Multi-ssid5, Multi- ssid6, Multi-ssid7, WDS1, WDS2, WDS3, WDS4, WDS5,WDS6,WDS7, WDS8
Download Bandwidth (1~300)	Enter a value in Mbits/sec
Uplink Bandwidth (1~300)	Enter a value in Mbits/Sec
Save	Click Save to save your settings

QoS

+	DAP-2690 – 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dvar	nced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp
Basic	Traffic Control -
Advanced	Uplink and Downlink Setting QoS Traffic Manager
- 🏠 🗖	Enable QoS 🗖
DHCP Server	Advanced QoS
<u> </u>	Downlink Bandwidth Mbits/sec
АР Алау	Uplink Bandwidth Mbits/sec
46	ACK/DHCP/ICMP/DNS Priority
Web Redirection	Web Traffic Priority
	Mail Traffic Priority Limit X Port
Internal RADIUS Server	Ftp Traffic Priority Limit X Port
4	User Defined-1 Priority Limit K Port .
Filter	User Defined-2 Priority Limit K Port .
4	User Defined-3 Priority Limit K Port .
Traffic Control	User Defined-4 Priority Limit K Port .
	Other Traffic Priority Limit X
ARP Spoofing Prevention Settings	Save
Maintenance	
Status	
System	
Reading Config from	

COMPONENT	DESCRIPTION
Enable Ook	Click the checkbox to enable this function (this function does not work
Enable QOS	unless you have set uplink and downlink parameters
Advanced QoS	
Downlink Bandwidth	Enter a value Mbits/sec
Uplink Bandwidth	Enter a value Mbits/sec
ACK/DHCP/ICMP/	Select between Highest Priority, Second Priority, Third Priority, and Low
DNS Priority	Priority. Enter the amount traction and the Port number
Mah Traffic Driarity	Select between Highest Priority, Second Priority, Third Priority, and Low
	Priority. Enter the amount traction and the Port number
Mail Traffic Priority	Select between Highest Priority, Second Priority, Third Priority, and Low
	Priority. Enter the amount traction and the Port number
ETP Traffic Priority	Select between Highest Priority, Second Priority, Third Priority, and Low
	Priority. Enter the amount traction and the Port number
llser Defined-1 Priority	Select between Highest Priority, Second Priority, Third Priority, and Low
User Defined-11 Honey	Priority. Enter the amount traction and the Port number
User Defined-2 Priority	Select between Highest Priority, Second Priority, Third Priority, and Low
User Defined-2 Thomas	Priority. Enter the amount traction and the Port number
User Defined-3 Priority	Select between Highest Priority, Second Priority, Third Priority, and Low
Osel Dellifed-5 Filolity	Priority. Enter the amount traction and the Port number
User Defined 4 Price	Select between Highest Priority, Second Priority, Third Priority, and Low
Oser Defined-4 Phoney	Priority. Enter the amount traction and the Port number
Other Traffic Priority	Select between Highest Priority, Second Priority, Third Priority, and Low Priority. Enter the amount traction
Save	Click the save button to save settings

Traffic Manager

• DAP-2690	- 🗆 🗙
<u>H</u> ome <u>B</u> asic <u>A</u> dvanced <u>M</u> aintenance <u>S</u> tatus <u>C</u> onfiguration <u>H</u> elp	
Basic Traffic Control -	
Advanced Uplink and Downlink Setting QoS Traffic Manager	
Traffic Manager Disable 💌	
Unlisted Clients Traffic O Deny O Forward	
AP Array Downlink Bandwidth Mbits/sec	
Uplink Bandwidth Mbits/sec Save	
Web Redirection Add Traffic Manager Rule	
Client IP(optional)	
Server Serve	
Client MAC(optional)	
Downlink Speed Mbits/sec	
Uplink Speed Mbits/sec Add Clear	
Traffic Control Traffic Manager Rules	
Name Client IP Client MAC Downlink Speed Uplink Speed Edit Delete	
ARP Spoofing	
rievenuon seurigs	
Maintenance Status	
Suntem	
Panding Confin from	
Reading Config from	

COMPONENT	DESCRIPTION
Traffic Manager	Click to Enable or Disable
Unlisted Client Traffic	Select Deny or Forward
Downlink Bandwidth	Enter a value Mbits/sec
Uplink Bandwidth	Enter a value Mbits/sec
Save	Click the save button to save settings
Add Traffic Manager Rule	
Name	Enter a name in the field provided
Client IP (optional)	Enter the IP specifics
Client MAC (optional)	Enter the MAC specifics
Downlink Speed	Enter a value in Mbits/sec
Uplink Speed	Enter a value in Mbits/sec
Add	Click Add to add it to the Traffic Manager Rules
Clear	Click Clear to discard the information

Advanced - ARP Spoofing Prevention Settings

This provides ARP Spoofing prevention techniques to provide an added feature to the router.

• DAP-2690 - 🗆 🗙
Home Basic Advanced Maintenance Status Configuration Help
Basic ARP Spoofing Prevention Settings -
Advanced ARP Spoofing Prevention
Galeway IP Address
AP Array Caleway MAL Aduless Add Clear
Web Hedirection Gateway Address List
Total Entries: Delete All
Internal RADIUS Gateway IP Address Gateway MAC Address Edit Delete
Filter
Traffic Control
ARP Spoofing Prevention Settings
Maintenance
Status
System Reading Confin from

COMPONENT	DESCRIPTION
ARP Spoofing Prevention	Click to Enable or Disable
Add Gateway Address	
Gateway IP Address	Enter the Gateway IP
Gateway MAC Address	Enter the MAC address
Add	Click Add to include it to the Gateway Address List
Clear	Click Clear to discard the information
Delete All	Select a device and delete one or all
Save	Click the Save button to save settings

Maintenance - Admin

All devices need to be maintained and managed. Click on the link to proceed.

÷	DAP-2690 – 🗆 🗙
Home Basic Adva	nced Maintenance Status Configuration Help
Basic	Admin v
Advanced	Lind Administrator
Maintenance	
4	Limit Administrator VLAN ID Enable 0
Admin	Limit Administrator IP Enable
4	IP Range From: To: Add
Firmware and SSL	Item From To Delete
Configuration File	
\$	
Date and Time	System Name Settings
	Login Settings
	Console Settings
	SNMP Settings
	Ping Control Setting
Status	Save
System	
Reading Config from	

COMPONENT	DESCRIPTION
Limit Administrator	Click to Enable or Disable
Limit Administrator VLAN ID	Click the checkbox to enable this function and enter a value in the field provided
Limit Administrator IP	Click the checkbox to enable this function
IP Range	Enter a value in the From field, to the To field
Add	Click Add to include it to the Administration limitations
Save	Click the Save button to save settings

System Name Settings

÷	DAP-2690	- 🗆 🗙
Home Basic Adva	nced Maintenance Status Configuration Help	
Basic	Admin -	
Advanced		^
Maintenance	Limit Administrator IP 🔽 Enable	
	IP Range From: To: Add	
Admin	Item From To Delete	
Firmware and SSL		
Configuration File		
	System Name Settings	
4	Custor Mana	
Date and Time		
	Location	
	Login Settings	
	Console Settings	
	SNMP Settings	
	Ping Control Setting	
Status	Save	
System		~
Reading Config from		1.

COMPONENT	DESCRIPTION
System Name Settings	Click to Enable or Disable
System Name	Enter a system name in the field provided
Location	Enter a location in the field provided
Save	Click the Save button to save settings

Login Settings

÷			DAP-2690	- 🗆 🗙
Home Basic Advar	nced Maintenance	Status Configuration	Help	
Basic	Admin -			
Advanced				^
Maintenance				
46				
Admin				
	System Name Se	ettings 🔽		
4				
Firmware and SSL	System Name			
26	Location			
Configuration File	Login Settings	v		
	Login Name			
1				
Date and Time	UId Password			
	New Password			
	Confirm Password			
		_		1
	Console Settings			
	SNMP Settings			
				1
	Ping Control S	etting 🔲		
Status			Save	
System				×
Reading Config from				

COMPONENT	DESCRIPTION
Login Settings	Click to Enable or Disable
Login Name	Enter a login name in the field provided
Old Password	Enter the old password details
New Password	Enter the new password details
Confirm Password	Enter the details to confirm your password details
Save	Click the Save button to save settings

Console Settings

+	DAP-2690	- • ×
Home Basic Advan	ced Maintenance Status Configuration Help	
Basic	Admin -	
Advanced		^
Maintenance	System Name Settings 🔽	
4	System Name	
Admin	Location	
4	Login Settings 🔽	
Firmware and SSL	Login Name	
4	Old Password	
Configuration File	New Password	
	Confirm Password	
Date and Time	Console Settings 🔽	
	Status 🗖 Enable	
	Console Protocol C SSH	
	Timeout 1 Mins 💌	
	SNMP Settings	
	Ping Control Setting	
Status	Save	
System		¥
(SNMPClass) SNMP requ	uest timed out!	1

COMPONENT	DESCRIPTION
Console Settings	Click to Enable or Disable
Status	Click the checkbox to enable this feature
Console Protocol	Select between Telnet or SSH
Timeout	From the drop-down list, select from 1,3,5,10, 15 minutes or never
Save	Click the Save button to save settings

SNMP Settings

÷.	DAP-2690	- 🗆 🗙
Home Basic Advar	nced Maintenance Status Configuration Help	
Basic	Admin 🕶	
Advanced	Sustem Name	^
Maintenance		
<u> ()</u>	Location	
Admin	Login Settings 🔽	
	Login Name	
- 	Old Password	
Firmware and SSL		
<u>ද</u> ිරි	New Password	
Configuration File	Confirm Password	
	Console Settings 🔽	
49 ¹		
Date and Time	Status , C. T. Let C. COL	
	Timeout 1 Mins 💌	
	SNMP Settings	
	Trap Status Trable	
	Trap Server IP	
	Ping Control Setting	
Status	Save	
System		*
(SNMPClass) SNMP req	quest timed out!	1

COMPONENT	DESCRIPTION
SNMP Settings	Click to Enable or Disable
Trap Status	Click the checkbox to enable this feature
Trap Server IP	Enter an IP address for trap messages
Save	Click the Save button to save settings

Ping Control Settings

÷	DAP-2690	- 🗆 🗙
Home Basic Advar	nced Maintenance Status Configuration Help	
Basic	Admin 👻	
Advanced		^
Maintenance		
<u> </u>	Login Settings 🔽	
Admin	Login Name	
<u>46</u>	Old Password	
Firmware and SSL	New Password	
4	Confirm Password	
Configuration File	Console Settings 🔽	
	Status 🗖 Enable	
Date and Time	Console Protocol C SSH	
	Timeout 1 Mins 💌	
	SNMP Settings 🔽	
	Trap Status 🗖 Enable	
	Trap Server IP	
	Ping Control Setting	
	Status 🗖 Enable	
Status	Save	
System		~
(SNMPClass) SNMP req	juest timed out!	

COMPONENT	DESCRIPTION
Ping Control Settings	Click to Enable or Disable
Status	Click the checkbox to enable this feature
Save	Click the Save button to save settings

Maintenance - Firmware and SSL

Use this function to update the firmware of the Access Point.

÷	DAP-2690 -	
Home Basic Adva	anced Maintenance Status Configuration Help	
Basic	Firmware and SSL -	
Advanced	Update Firmware From Local Hard Drive	
Maintenance		
<u> </u>	Firmware Version : 1.0000	
Admin	Upload Firmware From File : Browse Upload	
- 41	Hadda CCL Catteria Free Land Had Date	
	Opuale 352 Certification From Eddal Hard Drive	
Firmware and SSL	Unload Certificate From File:	
a 🔨		
.		
Configuration File	Upload Key From File : Upload	
Date and Time		
Status		
System]]	
Reading Config from	• ••	14

COMPONENT	DESCRIPTION
Update Firmware from	Click the Browse button to find the new firmware, select it, and upload the new firmware.
Local Hard Drive	
Upload Certificate from File	Click the Browse button to find the new SSL certificate, select it, and upload the new SSL certificate to the system
Upload Key From File	Click the Browse button to find the key, select it, and upload it to the Access Point

Maintenance - Configuration File

Use this function to configure one or many (in an array or separately) Access Points.

÷.	DAP-2690	- 🗆 🗙
Home Basic Adva	nced Maintenance Status Configuration Help	
Basic	Configuration File 🕶	
Advanced	Upload Configuration File	
Maintenance		
	Upload File : Upload	
Admin	Download Configuration File	
Constant SSL	Load settings to Local Hard Drive Download	
Configuration File		
Date and Time		
Status System		
Reading coming normal		

COMPONENT	DESCRIPTION
Upload Configuration File	Click the Browse button to find the Configuration file, select it, and upload the new firmware.
Download Configuration File	Click the Download button to download this file to your hard drive

Maintenance - Date and Time

Use this function to configure the Date and Time sttings

÷.			DAP-2690			- 🗆 🗙
Home Basic Advar	nced Maintenance Stat	us Configuration	Help			
Basic	Date and Time 👻					
Advanced	Time Configuration					
Maintenance	Current Time 1	2/31/1999 16:39:45				
<u>46</u>						
Admin	Time Zone				_	
4	Enable Daylight Saving					
Firmware and SSL			Month	Week	Day of Week Current Time	
4	Daylight Saving Dates	DST Start	_	_	_	
Configuration File		DST End	-	•	•	
4	Automatic Time Configurati	on				
Date and Time	Enable NTP Server					
	NTP Server					
	Set the Date and Time Ma	nually				
	Date And Time	Year	✓ Month	•	Day 🗨	
		Hour	▼ Minute	•	Second 🗾	
		Copy Your Co	omputer's Time Si	ettings		
Status					Save	
System						
Reading Config from						1.

COMPONENT	DESCRIPTION
Current Time	This is automatically set
Time Zone	Select a time zone from the drop-down list
Enable Daylight Saving	Click the checkbox to enable daylight savings time. Adjust the Daylight Saving Dates according to Month, Week, Day of the Week, and Current Time
Automatic Time Configuration	
Enable NTP Server	Click the checkbox to enable the NTP Server
NTP Server	Enter the NTP Server IP address
Set the Date and Time Manually	Enter the date and time settings according to the year/month/day, hour/ minute/second to manually confaiure the time
Copy Your Computer's Time Settings	Click this button to have the time synced with your computer
Save	Click the Save button to save settings

Status - Device Information

The Status section allows you to configure parameters pertaining to the current conditions of your Access Point. All statistics and functions can be analysed for clarity.

H.					DAP-2690 -	
Home Basic	Advanced	Maintenance	Status	Configuration	Help	
Basic	Dev	vice Informati	on 👻			
Advanced	IPv6	Gateway2 mware Version:				
Maintenance		harmat MAC Adde				
Status		Neinel MAC Addie	388.			
Device Informa	tion					
Client Informat	ion					
WDS Informat	ion					
Channel Analy	ze					
Stats						
System						
Reading Config	from					1.

COMPONENT	DESCRIPTION
IPv6 Gateway2 Firmware Version	Describes the firmware version and number
Ethernet MAC Address	Describes the Access Points MAC details

Status - Client Information

The Client Information section denotes all information about the clients attached to the main Access Point. The table below shows all client access points attached to it. It provides information on SSID, MAC address, Band, Authentication, RSSI, and Power Saving Mode. Click the Refresh button to keep monitoring the devices. You can view the 2.4GHz and 5GHz spectrum.

÷			DAP-2	690			 ×
Home Basic Adva	nced Maintenance	Status Configurat	ion Help				
Basic	Client Informatio	n v					
Advanced	Client Information	c	tation association	2 (2 /GH ₂):		Befresh	
Maintenance	Client montation			i (z.+uirz).			
Status	SSID	MAC	Band	Authentication	RSSI	Power Saving Mode	
<u></u>							
Device Information							
24							
Client Information							
- 🏠	1						
WDS Information	Client Information	S	tation associatio	n (5GHz):			
<u>46</u>	SSID	MAC	Band	Authentication	RSSI	Power Saving Mode	
Channel Analyze							
Stats							
46							
Log	1						
System							
Reading Config from							1.

Status - WDS Information

Wireless Distribution System is a technology that reads the wireless interconnection of Access Points. It allows for the expansion of multiple access points. This section displays information on the Channel name, the MAC address details, the Authentication, the Signal strength, and the Status.

ŧ.					DAP-2690				
Home Basic	Advance	d Maintenance	Status	Configuration	Help				
Basic	V	VDS Information	۱ 🔻						
Advanced	1	WDS Information	hannel :				Refresh		
Maintenanc	æ	Name		MAC	Authentication	Signal	Status	ĺ	
Status									
Device Informa	ation								
Client Informat	tion								
<u>a</u> 🐴									
	¥	WDS Information	hannel :						
WDS Informat	llion	Name		MAC	Authentication	Signal	Status		
Channel Anal	lyze								
Stats									
<u>a 🔨</u>									
4									
Log									
System									
Reading Config	from								

Status - Channel Analyze

Channel Analyze is a section where each wireless band is analyzed for quality and strength. Select either 2.4GHz or 5GHz. Click the Detect button. All summarized information will be displayed on the AP list. Information displayed are: Channel, Access Point number, MRssi percentage, and Evaluation.



Status - Stats - Ethernet Traffic Statistics

The Stats seciton provides information on Ethernet Traffic Statistics and WLAN Traffic Statistics.

÷	DAP-2690	- 🗆 🗙
Home Basic Adva	nced Maintenance Status Configuration Help	
Basic	Stats -	
Advanced	Ethernet Traffic Statistics WLAN Traffic Statistics	
Maintenance	Class	^
Status		
<u> (</u>	Transmitted Count	
Device Information	Transmitted Packet Count	
<u> 4</u>	Transmitted Bytes Count	
Client Information	Dropped Packet Count	
<u> </u>	Received Count	
WDS Information	Received Packet Count	
4	Received Bytes Count	
Channel Analyze	Dropped Packet Count	
4	Received Multicast Packet Count	
Stats	Received Broadcast Packet Count	
	Length 64 Packet Count	
Log	Length 65~127 Packet Count	
	Length 128~255 Packet Count	
	Length 256~511 Packet Count	~
System		
Reading Config from		1.

COMPONENT	DESCRIPTION
Clear	Click the Clear button to delete all stats posted
Refresh	Click the Refresh button to display an up-to-date stat report
Transmitted Count	
Transmitted Packet Count	Displays the transmitted packets
Transmitted Byte Count	Displays the transmitted bytes
Dropped Packet Count	Displays the amount of packets dropped
Received Count	
Received Packet Count	Displays the packets received
Received Byte Count	Displays the bytes received
Dropped Packet Count	Displays the amount of packets dropped
Received Multicast	Displays the multicast packets
Packet Count	
Received Broadcast	Displays the broadcasted packets
Packet Count	
Length 64 Packet Count	Dsiplays 64 bit packet data
Length 65~127 Packet Count	Displays the packet in that data range
Length 128~255	Displays the packets in that data range
Packet Count	
Length 256~511	Displays the packets in that data range
Packet Count	
Length 512~1023	Displays the packets in that data range
Packet Count	
Length 1024~1518	Displays the packets in that data range
Packet Count	
Length 1519~max.	Displays the packets in that data range
Packet Count	

Status - Stats - WLAN Traffic Statistics

The Stats seciton provides information on Ethernet Traffic Statistics and WLAN Traffic Statistics.

themet Traffic Statistics WLAN Traffic Statistics		
	2.4GHz	Clear Refresh 5GHz
Transmitted Count		
Transmitted Packet Count	368	10
Transmitted Bytes Count	85511	2510
Dropped Packet Count	11	11
Transmitted Retry Count	0	0
Received Count	10 12 I	
Received Packet Count	0	0
Received Bytes Count	0	0
Dropped Packet Count	0	0
Received CRC Count	1084	1
Received Decryption Error Count	0	0
Received MIC Error Count	0	0
Received PHY Error Count	1164	0

These statistical information are presented in 2.4GHz and 5GHz formats.

COMPONENT	DESCRIPTION
Clear	Click the Clear button to delete all stats posted
Refresh	Click the Refresh button to display an up-to-date stat report
Transmitted Count	
Transmitted Packet Count	Displays the transmitted packets
Transmitted Byte Count	Displays the transmitted bytes
Dropped Packet Count	Displays the amount of packets dropped
Received Count	
Received Packet Count	Displays the packets received
Received Byte Count	Displays the bytes received
Dropped Packet Count	Displays the amount of packets dropped
Received Multicast	Displays the multicast packets
Packet Count	
Received Broadcast	Displays the broadcasted packets
Length 64 Packet Count	Dsiplays 64 bit packet data
Length 65~127 Packet Count	Displays the packet in that data range
Longth 128-255	Displays the packets in that data range
Packet Count	Displays the packets in that data range
Length 256~511	Displays the packets in that data range
Packet Count	
Length 512~1023	Displays the packets in that data range
Packet Count	
Length 1024~1518	Displays the packets in that data range
Packet Count	
Length 1519~max.	Displays the packets in that data range
Packet Count	

Status - Log - Log View

The Log section is divided into two parts, Log View and Log Settings. Under Log View click Clear to restart the log process and click Refresh to renew log information.

÷		[DAP-2690	- • ×
Home Basic Adva	nced Maintenance Status Co	onfiguration H	elp	
Basic	Log -			
Advanced	Log View Log Settings			
Maintenance	Total Log: 0		Clear Befresh	
Status				
୍ୟଳ	Time	Priority	Message	
Device Information				
46				
Client Information				
WDS Information				
46				
Channel Analyze				
4				
Stats				
46				
Log				
System				
(SNMPClass) SNMP rec	uest timed out!			

Status - Log - Log Settings

Change the Log Settings here based on the following criteria:



COMPONENT	DESCRIPTION
Log Server/IP Address	Enter the log server IP address information
	Click the checkbox to activate logging for System Activity
Log Type	Click the checkbox to activate logging for Wireless Activity
	Click the checkbox to activate logging for notifications
Email Notifications	
Email Notifications	Click the checkbox to Enable
Outgoing mail server	Select from internal mail server, Gmail server or Hotmail server
Authentication	Click the checkbox to enable
SSL/TLS	Click the checkbox to enable
From Email Address	Enter the email address details in this field
To Email Address	Enter the email address details in this field
Email Server Address	Enter the email server address details here
SMTP Port	Enter the port details here
User Name	Enter the username you wish to use
Password	Enter the password details here
Confirm Password	Enter the password a second time to reconfirm it
Email Log Schedule	
Schedule	Schedule within the time frame provided on the drop-down list
Save	Click the Save button to save your configuration

System

System, allows you to return to factory default and restart the device



DESCRIPTION
Click the Restart button to restart the device
Click the Restore button to go back to factory settings

AP Manager II v3.0 - Multi Configuration

Administrators can manage the configuration of Access Points. AP Manager II v3.0 does this using a template. The same profile can be used for multiple Access Points. Each template profile has unique settings which include System, Wireless, Security and Filter settings.

🕨 AP Manager II v3.0		_ & ×
System <u>V</u> iew <u>N</u> etTool <u>H</u> elp		
Ceneral Groups MultiConfig Events Tools Reports User Menander Ontion		
General Contraction of the Contr		
Groups Template Name Creator Create Date		
Template		
Task Schedule		
Event Manager		
Tools		
Reports		
Carlos Association		
📄 Security		
Dilization		
Channel		
📄 Rogue AP		
📄 SysLog		
Custom		
Monitor [27/08/2013 00:59:18.987]The initialization complete		^
[27/08/2013 00:59:18.987]Syslog Server Start success [27/08/2013 00:59:19.065]SnmpTrap receiver initialize successfully! [27/08/2013 00:59:49.020]Device: 192.168.0.50 SNMP Ping Ok!		
eady	AP Count 1	LogUser admin
AP Manager II v3.0 - Multi Configuration - Create a new template

To create a new template, right-click anywhere on the template view window and select the New item.



Under **General**, **Basic Info** type in a name for the new configuration. A **creator** is already selected under **Admin**, the time is already set.

Under **Content Selection**, click the checkbox to configure. There are **System**, **Wireless** (2.4GHz/5GHz), **Security** (2.4GHz/5GHz), **Filter** (2.4GHz/5GHz), and **Multi_SSID** (2.4GHz/5GHz) options.

AP Manager II v3.0			_ 8 ×
System View NetTool Help			
General Groups Multi	i Config Events Tools Re	¹⁰ D General X	
General General		Basic Info	
Stroups	Template Name Creator	Name :	
MultiConfiguration		Creator : admin	
Template		Time : 8/27/2013 v	
Task Sakadula			
N I disk Schedule			
Event Manager		- Content Selection	
Tools		C System	
Reports			
Association	4		
Security			
Chilization			
Channel			
Rogue AP			
📄 SysLog			
Custom			
Monitor	27/02/2012 00 50:12 027 The initialization	Sack Next S & Cancel	
	[27/08/2013 00:59:18.987]Syslog Server	r Start success	
	[27/08/2013 00:59:19.065]SnmpTrap red [27/08/2013 00:59:49.020]Device: 192.18	ceiver initialize successfully! 68.0.50 SNMP Ping Ok!	_
0		~	AD Count 1 Londland admin
neauy			Loguser admin

Under System, click the LAN Settings checkbox and configure the IP (Static or Dynamic), enter Subnet details, and Default Gateway options.

For Admin, enter a username and password

For **Console Settings**, select to enable it, select the **Console Protoco**l and the **timeout** period.

AP Manager II v3.0				
System View NetTool Help		2/		
General Groups Multi	Config Events	Tools F		
🔛 General			Check All Clear All	
▶ 👯 Groups	Template Name	Creator	LAN Settings	
Value MultiConfiguration			Get IP From Static (Manual)	
Template			Subnet Mask	
🛅 Task Schedule			Default Gateway	
Event Manager				
Tools			User Name admin	
Reports			Password	
Association	4		Console settings Status V Enable	
🛅 Security			Console Protocol C Telnet © SSH	
📄 Utilization			Timeout 5 Mins 💌	
📄 Channel				
📄 Rogue AP				
📄 SysLog				
Custom				
i Monitor	[27/08/2013 00:59:18	.987]The initializa	tion-comprese	
	[27/08/2013 00:59:18 [27/08/2013 00:59:19 [27/08/2013 00:59:49	.987]Syslog Serv .065]SnmpTrap re .020]Device: 192.	ver Start success eceiver initialize successfully! .168.0.50 SNMP Ping Okl	
leady	-		AP Count 1 Log	User a

Under **Wireless 5GHz**, you have the option to set the following:

SSID - Enter a name for the SSID
Channel - Select between Auto or a configurable range
SSID Broadcast - Click to enable it
Data Rate - Select Auto or the speed option
RTS Length - Enter a range
Beacon Interval - Enter a range
Fragment Length - Enter a value
DTIM - Enter an appropriate value
Radio - Select to turn this feature on or off
11n Channel Width - Select the range

If you are unsure of all the settings, there is also the option to **Check All**.



Click **Next** to continue

Under **Wireless 2.4GHz**, you have the option to set the following:

SSID - Enter a name for the SSID
Channel - Select between Auto or a configurable range
SSID Broadcast - Click to enable it
Data Rate - Select Auto or the speed option
RTS Length - Enter a range
Beacon Interval - Enter a range
Fragment Length - Enter a value
DTIM - Enter an appropriate value
Radio - Select to turn this feature on or off
11n Channel Width - Select the range

If you are unsure of all the settings, there is also the option to **Check All**.



Under **Security 5GHz**, you have the option to set the following:

Authentication - Select between an Open System, Shared Key, Open System/Shared Key, WPA-Personal, WPA-Enterprise, WPA2-Personal, WPA2-Enterprise, WPA-Auto-Personal, and WPA-Auto-Enterprise

Key Settings - Select to enable the device then Key Type, Key Size, Valid Key, and Key Value

WPA - Set the following parameters: Cipher Type, Group Key Update Interval, Pass Phrase, RADIUS Server, Port, and RADIUS Secret.

Click Next to continue.

Under **Security 2.4GHz**, you have the option to set the following:

Authentication - Select between an Open System, Shared Key, Open System/Shared Key, WPA-Personal, WPA-Enterprise, WPA2-Personal, WPA2-Enterprise, WPA-Auto-Personal, and WPA-Auto-Enterprise

Key Settings - Select to enable the device then Key Type, Key Size, Valid Key, and Key Value

WPA - Set the following parameters: Cipher Type, Group Key Update Interval, Pass Phrase, RADIUS Server, Port, and RADIUS Secret.



D AP Manager II v3.0 System View NetTool Help			_ # ×
General Groups Multi	onfig Events Tools Rep D	Security 2.4GHz ×	
General	× 🔍	Authentication Open System	
Sroups	Template Name Creator	Key Settings	
MultiConfiguration		Encryption Deable Key Size 64 Bits Key Tuna HEK V Valid Key Ever	
Template		Yes Video	
Task Schedule		WDA	
Event Manager		Coher Type AUTO Croup Key Indate interval 1800	
Tools			
Peports		Passrnvase	
		Radius Server Port 1812	
Association		Radius Secret	
Security			
Utilization			
Channel			
Rogue AP			
SysLog			
Custom	-		
Lanitar		🖉 Back Next 📎 💥 Cancel	
monitor	[27/08/2013 00:59:18.987]The initialization con [27/08/2013 00:59:18 987 [Syslop Server Start	nproto	<u>~</u>
	[27/08/2013 00:59:19.065]SnmpTrap receiver	initialize successfully!	
	Levinoren a noraniaria (n. 192.180.0.5)	J JANNE FILLY ON	Y
Ready			AP Count 1 LogUser admin

Under **Filter 5GHz,** the IEEE802. 11a Wireless MAC ACL Settings, select the Access Control method, enter a MAC Address, and click Save.

Use **Del** if you wish to delete an item.

Click Next to continue.



Under **Filter 2.4GHz,** the IEEE802. 11a Wireless MAC ACL Settings, select the Access Control method, enter a MAC Address, and click Save.

Use **Del** if you wish to delete an item.



Under **Multi SSID 5GHz**, select to enable the feature. The Wireless Settings allow you to index it by SSID number or name. Enter an SSID name, select the SSID visibility, select to enable/disable WMM settings, and select a Security method.

Key Settings - Select to enable the device then Key Type, Key Size, Valid Key, and Key Value

The table below populates with data. Use the Add button to add info or the Delete button to delete parameters.

Click Next to continue.

Under **Multi SSID 5GHz**, select to enable the feature. The Wireless Settings allow you to index it by SSID number or name. Enter an SSID name, select the SSID visibility, select to enable/disable WMM settings, and select a Security method.

Key Settings - Select to enable the device then Key Type, Key Size, Valid Key, and Key Value

The table below populates with data. Use the Add button to add info or the Delete button to delete parameters.



D AP Manager II v3.0		- 8 >
System View Helfool Hep General Groups Multi Config General Groups Multi Config General Groups Multi Config		
Image: Control of the second of the secon		
Key Satega P Key Satega P Key Satega P Key Satega P Tools Encryption Association Key Type HEX Key Index File Key Index File Key Index		
Utilization Idex SSID Encrysten Add Delate Systog		
Custom Rest Next X Cancel Image: Control of the state of the sta	15	

The **Template setup** is complete. Read the instructions and click **Finish**.



The new Template is now in the Multi Config window.



AP Manager II v3.0 - Edit a Template

To edit a template, double-click the template or right-click the template and select Edit item from the drop-down menu.

Security 2.4GHz	Filte	r 5GHz	Filter 2.4GHz				
Multi-SSID 5	GHz	Multi-SSID 2.4GHz					
General System	Wireless 5GHz	Wireless 2.4GH	Iz Security 5GH:				
- Basic Info							
Name : ab							
Creator : admi	in						
Time : 12/	7/2012	-					
Content Selection -							
Content Selection -							
Content Selection – System Wireless	2.4GHz 🗹	5GHz 🗹					
Content Selection – System Wireless Security	2.4GHz 🗹 2.4GHz 🗹	5GHz 🔽 5GHz 🗹					
Content Selection System Wireless Security Filter	2.4GHz ☑ 2.4GHz ☑ 2.4GHz ☑	5GHz 🗹 5GHz 🗹 5GHz 🗹					
Content Selection - ✓ System ✓ Wireless ✓ Security ✓ Filter ✓ Multi_SSID	2.4GHz ☑ 2.4GHz ☑ 2.4GHz ☑ 2.4GHz ☑	5GHz 🗹 5GHz 🗹 5GHz 🗹 5GHz 🗹					
Content Selection – ✓ System ✓ Wireless ✓ Security ✓ Filter ✓ Multi_SSID	2.4GHz ♥ 2.4GHz ♥ 2.4GHz ♥ 2.4GHz ♥	5GHz 🗹 5GHz 🗹 5GHz 🗹 5GHz 🗹					
Content Selection – ✓ System ✓ Wireless ✓ Security ✓ Filter ✓ Multi_SSID	2.4GHz ♥ 2.4GHz ♥ 2.4GHz ♥ 2.4GHz ♥	5GHz 🗹 5GHz 🗹 5GHz 🗹 5GHz 🗹					

AP Manager II v3.0 - Delete a Template

To delete an existing template, right-click the template, and select the Delete item from the drop-down menu or click the Delete icon.



AP Manager II v3.0 - Save the Configuration

To save the configuration file, just click the right icon. A menu pops up for you to save it.



AP Manager II v3.0 - Import the Configuration

To Import a configuration file, click the import file above the template window.



When you scroll through the MultiConfiguration options, you will notice that it has a Template folder. The Template folder is the folder you created in previous pages.

Click Task Scheduler to see the main configuration options - Config Comparison, Upgrade Firmware (FW), and MutiConfig. To enable each one, click the Enable radio button.

D AP Manager II v3.0							_ & ×
System View Metrool Help	Config Events	Tools Reports	User Manager Op	tion			
General	Config Comparison	O Disable O Enable	le			New Edi	t Delete
Groups	Task Name	Activity	Next Run Time	Status	Result		
▼ MultiConfiguration							
📄 Template							
Task Schedule							
Event Manager	Upgrade FW	O Disable	le			New Edi	t Delete
Tools	Task Name	Activity	Next Run Time	Status	Result		
Reports							
Association 🧃							
📄 Security							
Dtilization	MultiConfig	⊙ Disable ⊂ Enab	le			 New Edi	t Delete
Channel	Task Name	Activity	Next Run Time	Status	Result		
📄 Rogue AP							
📄 SysLog							
Custom							
Monitor	[27/08/2013 00:59:	18.987]The initialization co	mplete				^
	[27/08/2013 00:59: [27/08/2013 00:59: [27/08/2013 00:59:	18.987]Syslog Server Start 19.065]SnmpTrap receiver 49.020]Device: 192.168.0.5	success rinitialize successfully! 0 SNMP Ping Ok!				~
Ready						AP Count 1 Log	Jser admin

For the **Config Comparison**, click the **Enable** radio button, click **New** and view the options.

Give the **Task** a name, then select the devices and click **Next**.

D AP Manager II v3.0 System View NetTool Help General Groups Multi C	Config Events	Tools Reg	orts User Manager Op	ption				_ # ×
General Groups Component Groups Groups	Config Comparison	C Disable Activity	Device Task Name By IP	Model Name	HW Version	×	New	Edit Delete
Task Schedule	Upgrade FW Task Name	O Disable Activity	192.168.0.50	DAP-2690	B		New	Edit Delete
● Eeports ● 📄 Association 🛒 Security Dtilization	MultiConfig	© Disable (New	Edit Delete
Channel Rogue AP SysLog Custom	Task Name	Activity	٢	Back	Next 📎 🗶 Cance	ei		
Monitor Ready	[27/08/2013 00:59:1 [27/08/2013 00:59:1 [27/08/2013 00:59:1 [27/08/2013 00:59:4	8.987]The initializatio 8.987]Syslog Server 9.065]SnmpTrap rec 9.020]Device: 192.16	n complete Start success siver initialize successfully! 3.0.50 SNMP Ping Ok!				AP Count 1	LogUser admin

Select a **Template** from the list provided.

D AP Manager II v3.0			_ 문 X
<u>System View N</u> etTool <u>H</u> elp			
General Groups Multi	Config Events Tools F	eports User Manager Option	
General General General General Groups General MultiConfiguration Template Task Schedule Event Manager Security Cools General General General General General General General General Tools General General General General	Contig Events Tools F Config Comparison C Disable Task Name Activity Upgrade FW © Disable Task Name Activity MultiConfig © Disable Task Name Activity [27/08/2013 00:59:18.987]The initializat [27/08/2013 00:59:18.987]Syslog Servi [27/08/2013 00:59:19.005 [SnmpTrap re	epoits User Manager Option Template X Select Template Selected Image: Image	New Edit Delete
Ready	L		AP Count 1 LogUser admin

Select a **Schedule** time frame - **Run, Save, Specify Time, Specify Day** and then enter the **Date** and **Times**.

Click **Finish** when complete.

AP Manager II v3.0			_ <i>B</i> ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp			
	A 🖹 🕺		
General Groups Multi	Coniig Events Tools	Reports OserManager Option	
General	Config Comparison C Disable	D Schedule ×	New Edit Delete
	Task Name Activity		
		© Run	
* 🎬 MultiConfiguration		O Save	
🛅 Template		C Specify Time	
Task Schedule		C Specify Day	
	Upgrade FW 💿 Disable	🖌 🗖 Monday 🔲 Tuesday 📄 Wednesday 🔲 Thursday	New Edit Delete
	Task Name Activity	🗖 Friday 🔲 Saturday 🔲 Sunday	
Tools			
Reports		Date: 8/2//2013	
Association		Time 6:17:18 AM	
Security			
Utilization	MultiConfig © Disable	4	New Edit Delete
Channel	Task Name Activity		
📄 Rogue AP			
📄 SysLog		🔇 Back 🛛 🛠 Finish 🗶 Cancel	
Custom			
Monitor	[27/08/2013 00:59:18 987 1The initiali	zation complete	
	[27/08/2013 00:59:18.987]Syslog Se	erver Start success	
	[27/08/2013 00:59:19.065]SnmpTrag [27/08/2013 00:59:49.020]Device: 19	o receiver initialize successfully! 32.168.0.50 SNMP Ping Ok!	
Keady			AP Count 1 LogUser admin

For **Upgrade Firmware**, click the **Enable** radio button, then view the devices available.

Give the **Task** a name, select to do it by **Group** or by **IP**

D AP Manager II v3.0				_ 8 ×
System View Netrool Help General Groups Multi	Config Events	Tools Reports Us	ser Manager Option	
General Groups MultiConfiguration Template Control Task Schedule Control Task Schedule	Config Comparison (Task Name Upgrade FW (Task Name	Disable Activity N Activity N Disable Activity N Activity N Activity N	Next Run Task Name Image: Task Name Image: Task Name Image: Task Name <td>w Edit Delete</td>	w Edit Delete
Utilization Channel Rogue AP SysLog Custom Monitor	MultiConfig (Task Name [27/08/2013 00:59:18.987 [27/08/2013 00:59:18.987 [27/08/2013 00:59:19.065 [27/08/2013 00:59:49.020	Disable Disable Activity Activity N Activity N The initialization complete Syslog Server Start succe SnmpTrap receiver initiali Device: 192.168.0.50 SNM	Next Run	w Edit Delete

Under Firmware File Settings, click the browse button next to your device, fild the new firmware, and click Next.

D AP Manager II v3.0 System View NetTool Help General Groups Multi C	Config Events	Tools Reports	User Mana	ger Option	_ & ×
General Groups Groups Groups MultiConfiguration Template Task Schedule Constant Reports Association Security Channel Rogue AP SysLog Custom Monitor	Config Comparison Task Name Upgrade FW Task Name MultiConfig Task Name [27/08/2013 00:59:18.1] [27/08/2013 00:59:19.1]	Disable Activity Activity Activity Activity Activity Activity Activity Activity Activity Activity	Next Run	D Firmware File Setting X ame HW Version Firmware File Browse 650 B Browse Browse Image: Display the state of the stat	New Edit Delete
Ready	Le // 00/2013 00.33.43.1	20 juevice, 132,100,0.30	oramie entry		AP Count 1 LogUser admin

Under **MultiConfig**, click the **Enable** radio button, and New.

Under **Device** enter a **Task Name**, select by **Group** or **IP**

AP Manager II v3.0												_ & ×
<u>System View N</u> etTool <u>H</u> elp		_										
General Groups Mul	lti Config	Events	Tools	Reports	User Manager	Option						
General	Cor	nfig Comparison ask Name	C Disat	ole 💿 Enable ctivity	Next Run Time		D Device		×	New	Edit	Delete
MultiConfiguration							Task Name SAMPLE ○ By Group					
Task Schedule	Upg	grade FW	C Disat	ole 💿 Enable	Net Due Tree		Group Name	Sort Model	HW Version B	New	Edit	Delete
Tools Reports		ask Name	A	ctivity	Next Run Time		<		>			
Association Security							By IP	Model Name DAP-2690	HW Version B			
📄 Utilization	Mu	ltiConfig	O Disat	ole 💿 Enable						New	Edit	Delete
Channel Channel SysLog Custom	T	ask Name	A	ctivity	Next Run Time		<	🔇 Back	Next 📎 🗶 Cancel			
Monitor Beady	[27/ [27/ [27/	08/2013 00:59:1 08/2013 00:59:1 08/2013 00:59:1 08/2013 00:59:4	8.987]The ii 8.987]Syslc 9.065]Snmp 9.020]Devid	nitialization com og Server Start s o Trap receiver in ce: 192.168.0.50	plete uccess itialize successfu SNMP Ping Ok!	ully!				AP Count 1	LogUser	admin
ready										AP Count	Loguser	aumin

Under **Template**, select a template for this configuration and click **Next**

D AP Manager II v3.0					_ 윤 ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp					
General Groups Multi C	Config Events	Tools Reports	User Manager Opt	on	
🔛 General	Config Comparison	C Disable 💿 Enabl			New Edit Delete
▶ 🛃 Groups	Task Name	Activity	Next Run Time	D Template X	
				C Select Template	
Tompleto				Selected Template Name	
Task Schedule	Useret By				
Event Manager	Upgrade FW	O Disable 💿 Enabl			New Edit Delete
Tools	lask Name	Activity	Next Run Time		
Teports					
P 📄 Association 🔐					
Security					
🛅 Utilization	MultiConfig	🔿 Disable 💿 Enabl			New Edit Delete
🚞 Channel	Task Name	Activity	Next Run Time		
📄 Rogue AP					
📄 SysLog					
Custom				🖉 Back Next 📎 🗶 Cancel	
Monitor	[27/08/2013 00/59/18	987 1The initialization con	nlete		
	[27/08/2013 00:59:18	.987]Syslog Server Start	success		
	[27/08/2013 00:59:19 [27/08/2013 00:59:49	.065 JSnmp I rap receiver .020]Device: 192.168.0.50	nitialize successfully! SNMP Ping Ok!		
Ready	L				AP Count 1 LogUser admin

Under **Schedule**, select one of the options provided and click **Finish**.

D AP Manager II v3.0 System View NetTool Help					_ & ×
General Groups Multi	Config Events T	ools Reports	User Manager Option		
General	Config Comparison	Disable 💿 Enable			New Edit Delete
Stroups	Task Name	Activity	Next Run Time	D Schedule ×	
MultiConfiguration				@ Run	
Template				C Save	
Task Schedule				C Specify Time	
► Event Manager	Upgrade FW C	Disable 💿 Enable			New Edit Delete
► 🔧 Tools	Task Name	Activity	Next Run Time	Friday Saburday Sunday	
Reports					
Association				Date: 8/27/2013 -	
Security				Time 6:56:23 AM	
Utilization	MultiConfig	Disable 💿 Enable			New Edit Delete
Channel	Task Name	Activity	Next Run Time		
📄 Rogue AP					
📄 SysLog					
Custom				🖉 Back 🛛 💙 Finish 🗱 Cancel	
Monitor	[27/08/2013 00:59:18 987]	The initialization comp	lete		
	[27/08/2013 00:59:18.987 [27/08/2013 00:59:19.065 [27/08/2013 00:59:49.020	Syslog Server Start su SnmpTrap receiver in Device: 192.168.0.50 S	iccess itialize successfully! SNMP Ping Ok!		~
Ready					AP Count 1 LogUser admin

AP Manager II v3.0 - Events (Event) Manager

Events (Event) Manager can be accessed from both the side panel and the top panel. Click this icon to access details relation to faults experienced using the Access Point.



AP Manager II v3.0 - Unread Events

Click this icon to mark the message as Unread.



Double-click an event to view its details. The icon now changes to an open book.



AP Manager II v3.0 - Deleting Events

Click this icon to **Delete** an event. **Confirm** delete by clicking **Yes**, or **No** to exit and do nothing.

D AP Manager II v3.0									_ 8 ×
<u>System View N</u> etTool <u>H</u> elp									
General Groups Multi	Config Events Tool	S Repor	ts User Ma	anager Option					
General									
Stroups	Event Name Delete Event	Event Type	Event Level	Date Time	Source	Description	Content		
	PollingOk DellingEniled	System	Notice	2013-08-27 00:59:49	192.168.0.50	Indicate the m			
Muliconiiguration	 PollingFailed PollingFailed 	System	Notice	2013-08-26 08:00:05	192.168.0.50	Indicate the m			
💻 Template	PollingFailed	System	Notice	2013-08-26 07:50:20	192.168.0.50	Indicate the m			
Task Schedule	PollingFailed	System	Notice	2013-08-26 07:49:30	192.168.0.50	Indicate the m			
	 PollingFalled PollingFalled 	System	Notice	2013-08-26 07:39:37 2013-08-26 06:41:35	192.168.0.50	Indicate the m			
Event Manager	PollingFailed	System	Notice	2013-08-26 06:33:06	192.168.0.50	Indicate the m			
Tools									
Reports									
P 📄 Association 📲									
📄 Security									
📄 Utilization									
Channel									
📄 Rogue AP									
📄 SysLog									
Custom									
Monitor	[27/08/2013 00-50-19 087 1Th	o initialization o	omploto						
	[27/08/2013 00:59:18.987]Sy	slog Server Sta	art success						
	[27/08/2013 00:59:19.065]Sn	mpTrap receiv	er initialize su	accessfully!					
	[27/08/2013/00:59:49.020]De	vice: 192.168.0	.50 SINMP PI	ng UK!					×
Ready								AP Count 1	LogUser admin

AP Manager II v3.0 - Setting Events

Click this icon to show Event Settings



The main **Event Settings Panel** opens.

D AP Manager II v3.0					_ 윤 ×
System View Net I ool Help	 Image: A state Image: A state<th></th><th></th><th></th><th></th>				
General Groups Multi	Config Events Tool	Is Reports User Manager (Option		
General		D Event Settings		×	
▶ 🛃 Groups ▼ 🕿 MultiConfiguration	Event Name PollingOk PollingFailed	Event	SnmpVersion	SNMP V2C	
Template	 PollingFailed PollingFailed 	⊡- System Event 	Event Name	EgpNeighborLoss(SNMPv2)	
Task Schedule	 PollingFailed PollingFailed PollingFailed 	Poinguk Threshold Event TransmitThreshold	Trap Generic	O Disable	
 Event Manager Tools 	PollingFailed	⊡- Private DAP-2690B deAuthenticatii DAP-2690B stationDisasso	OID	1.3.6.1.6.3.1.1.5.6	
		DAP-2690BstationAssocNi DAP-2690BwlanIfLinkDow DAP-2690Bwahl.coroutSur	Description	An EGP peer neighbor is down	
Association		···· DAP-28306 WebLugodi Sut ···· DAP-26908 bcFlood ···· DAP-26908 disassociateAtt		Warning	
Utilization		DAP-2690Bdeauthenticate DAP-2690BwlanIfLinkUp DAP-2690BmemoryPoor	Ascending		
Channel		DAP-2690BcpuLoadingFul DAP-2690BteInetLoginFail	Descending	0	
Rogue AP		DAP.2690BashLooinEail	V New	Save X Delete X Close	
Custom]
Donitor Monitor	[27/08/2013 00:59:18.987]TH [27/08/2013 00:59:18.987]Sy [27/08/2013 00:59:19.065]Sr [27/08/2013 00:59:49.020]De	ne initialization complete /slog Server Start success ImpTrap receiver initialize successfully! evice: 192.168.0.50 SNMP Ping Ok!			^ ~
Ready	L				AP Count 1 LogUser admin

The Events Panel consists of four main Event Types.

AP Manager II v3.0	_ <i>2</i> ×	D AP Manager II v3.0
System ⊻iew NetTool Help		System Yiew NetiTool Help
General Groups Mult	Contra Peerts Tools Reports User Manager Ontion	General Groups Multi Cont Events Tools Reports User Manager Option
General		Liii General D Event Settings ×
P 33 Groups	Event Name Event Settings	Event Name Event
V Carfornation	PollingOt SimpVesion SimpVesion SimpVesion SimpVesion	MultiConfiguration Change State Configuration State Configuration State Configuration State Configuration Configur
Multiconligatelion	PolingFailed PolingFailed PolingFailed PolingFailed PolingFailed PolingFailed PolingFailed PolingFailed	Terminete Area point Calify Large Anima Calify Larg
Template	PollingFailed UwmStart DellingFailed Lik/Down	Table Tologia and Calify and Cali
Task Schedule	PollingFailed LikUp Irap senaic Irap	Conception Conceptio
Event Manager	PolingFaled EspNeighbot.cos Status C Disoble (* Enable	PollingFailed
Tools	- LodotartsWMP-V2 OID 1.3.6.1.6.3.1.1.5.6	Tools Discrete Even
Reports	Liklowe(SIMP-2) Liklowe(SIMP-2) Description	Pairopolit Description
Association	Authomicsbolie Autor(SIMA Evel Vatring Vatring	P Association
Consult.		Security
Security	E System Evert	Utilization – 0.44-25381 taiko/tiastio Ascending 0
Utilization	E-Tredvide Event 0	Channel - DAP-2030BriveriLinkDow Descending 0
Channel	EntransmitThreshold Descending	Bogue AP DeP-33898-pFood DeP-33898-pFood DeP-33898-pFood
Rogue AP		Salar
SysLog		
Custom		
Monitor		Monifor 227/82/013 100551 8 987 The infeaturement Start purpose
	27/08/2013/03/918/97 he-initialization complete 27/08/2013 / uses 18/09/19/08/2013 / uses 18/09/19/08/08/08/08/08/08/08/08/08/08/08/08/08/	[27/08/2013 10:55:13:165]ShmgTTop receiver inhibitis successfully!
	22708/2013 00:5319.065 [ShmpTrap receiver infibilize Starks Study Starks Star Starks Starks	K1/00/cri 3 mc2a.4a/cs/ heaves.1at 198/car 198/
Des de	line and line line line line line line line line	Ready IAP Count 1 LogUser iadmin
Ready	AP Count 1 LogUser admin	

Standard Trap

Tools Reports User Meronger Continu % 🕑 🖂 🔅 📰 🥂 🏹 Oroups Multi Config Events General 🛄 General Event Name PollingOk PollingFailed PollingFailed PollingFailed PollingFailed PollingFailed PollingFailed Sroups Scoups Event Name Event Name PollingGk PollingFailed PollingFailed PollingFailed PollingFailed PollingFailed PollingFailed AuthenticationFailure ^ SomeVersion AuthenticationFailure EgpNeighbotLoss ColdStan(SNMFV2) WarnStat(SNMFV2) LinkDown(SNMFV2) LinkDown(SNMFV2) LinkUp(SNMFV2) LinkUp(SNMF AuthenticationFailure * a MultiConfiguration ^ * MultiConfiguration - AuthenticationFalure - EgpNeighborLoss - ColdStart(SNMPv2) - WarmStart(SNMPv2) - LinkDowr(SNMPv2) - LinkUp(SNMPv2) - AuthenticationFalure(SNM Privat Event Name Event Name Threshold Even 📄 Template Template Task Schedule Task Schedule Trap Generic Enable Status C Disable Status -EgpNeighborLoss(SNMPv 1.3.6.1.6.3.1 OID 1.361.631.1.56 Tools 🎙 🔧 Tools sespecific OID PolingCk PolingCk PolingCk em Elvent * 🕒 Reports Reports PolingFailed Description PollingOk Association Warning Level Association Warning Level - Transmit i fresnoid vate - DAP-2690BdeAuthentical Security Security ate D&P.2690R.de&ut DAP-26908 desuthemicasi DAP-26908 station/Disasso DAP-26908 station/asson/M DAP-26908 wanitLinkDow DAP-26908 webLogoutSuc DAP-26908 beFlood DAP-26908 beFlood DAP-26908 deservoitate/M Dtilization DAP.2690 Ascending Utilization DAP-2690B statis Ascending Channel DAP-2690BwlanilLinkDow Descending Channel Descending DAP-2690BwebLogoutSuc DAP-2690BbcFlood 📄 Rogue AP 📄 Rogue AP hAP.0090Rdrarenriata/H New Save 🗶 Delete 🗶 Close 📄 SysLog < V New V Save 🗶 Delete 💥 Close 📄 SysLog 🚞 Custom Custom Monitor [27/08/2013 00.59:18.387]The initialization complete [27/08/2013 00.59:18.387]Syslog Server Start success [27/08/2013 00.59:19.065]SmpTrap receiver initialize success [27/08/2013 00.59:49.020]Device: 192.168.0.50 SNMP Ping Okl Monitor 27/08/2013 00:59:18:987 [The initialization complete 27/08/2013 00:59:18:987 [Systeg Server Start success 27/08/2013 00:59:19:085 [SmmpTag receiver initialize successfully] 27/08/2013 00:59:49:020 [Device: 192:168.0.50 ShMP Ping Ok] AP Count 1 LogUser admin

Threshold Event



System Event

Standard Trap - The standard trap view window displays the standard trap data received from Access Points and consists of the following options:

ColdStart

Event Settings		×
Event	SnmpVersion	SNMP V1
⊡- StandardTrap 	Event Name	ColdStart
LinkDown LinkUp	Trap Generic	ColdStart(0)
AuthenticationFailure EgpNeighborLoss	Status	⊙ Disable
ColdStart(SNMPv2) WarmStart(SNMPv2)	OID	
LinkDown(SNMPv2) LinkUp(SNMPv2)	Description	The sending protocol entity has reinitialized,indi
 AuthenticationFailure(SNM EgpNeighborLoss(SNMPv: Enterprisespecific 	Level	Notice
System Event	🔲 Threshold En	able
PollingFailed PollingOk	Ascending	0
Threshold Event	Descending	0
Private DAP-2690deAuthentication	New	Save X Delete X Close
	V	

WarmStart

Event	ור		
🖃 Event Type 📃 🔨		SnmpVersion	SNMP V1
🚊 StandardTrap 📃			
ColdStart		Event Name	WarmStart
WarmStart			
LinkDown		Tran Generic	W 0.00
LinkUp		riap denenc	WarmStart(I)
- AuthenticationFailure		Chabus	Disable O Epable
EgpNeighborLoss		Status	
ColdStart(SNMPv2)		OID	
WarmStart(SNMPv2)		010]
LinkDown(SNMPv2)		Description	The sending protocol has reinitializing but neith
LinkUp(SNMPv2)		Description	The senaing proceed has reminiately, but new
- AuthenticationFailure(SNM			
EgpNeighborLoss(SNMPv:		Level	Notice
Enterprisespecific	114		
🚍 - System Event		Threshold En	able
···· PollingFailed			
PollingOk		Ascending	0
🖃 Threshold Event			-
····· TransmitThreshold		Descending	0
🖻 Private 🚽	-11		
DAP.2690deAuthentication	110		
		V New	💛 Save 🕱 Delete 🗶 Close

LinkDown

- Event Type 📃 🔨	SnmpVersion	SNMP V1
🚊 StandardTrap 👘		
ColdStart	Event Name	LinkDown
WarmStart		
<mark>LinkDown</mark>	Tran Conoria	
LinkUp	I rap Generic	LinkDown[2]
AuthenticationFailure	Charles	Disable O Exable
EgpNeighborLoss	Status	
ColdStart(SNMPv2)	00	
WarmStart(SNMPv2)	010	1
LinkDown(SNMPv2)	Description	A communication link has failed, the offected in
LinkUp(SNMPv2)	Description	A communication link has failed, the affected in
- AuthenticationFailure(SNM		
EgpNeighborLoss(SNMPv:	Level	Notice
Enternisereniiia		
Enterprisespecific	Threshold End	able
⊡- System Event PollingFailed		
System Event PollingFailed PollingOk	Ascending	0
System Event PollingFailed PollingOk Threshold Event	Ascending	0
System Event PollingDik Threshold Event TransmitThreshold	Ascending Descending	0
System Event PollingFailed PollingOk Threshold Event TransmitThreshold Private	Ascending Descending	0

LinkUp

Event Settings		*
Event Uppe	SnmpVersion	SNMP V1
⊡- StandardTrap ColdStart WarmStart	Event Name	LinkUp
LinkDown <mark>LinkUp</mark>	Trap Generic	LinkUp(3)
AuthenticationFailure	Status	O Disable
	OID	
LinkDown(SNMPv2) LinkUp(SNMPv2)	Description	A communication link has come up. The affecte
AuthenticationFailure(SNM EgpNeighborLoss(SNMPv) Enternrisespecific	Level	Notice
⊡ System Event	🔲 Threshold Ena	able
PollingFailed PollingOk	Ascending	0
TransmitThreshold	Descending	0
DAP.2690deAuthentication	V New	Save X Delete X Close

AuthenticationFailure



EgpNeighborLoss

Event Settings		\$
Event		
Event Type	SnmpVersion	SNMP V1
🚊 StandardTrap 👘 👘		
ColdStart	Event Name	EapNeighborLoss
WarmStart		- 37
LinkDown	Tere Constin	
LinkUp	riap denenc	EgpNeighborLoss(5)
AuthenticationFailure	Charles	🖲 Disable 💦 Exable
EgpNeighborLoss	Status	
ColdStart(SNMPv2)	010	
WarmStart(SNMPv2)	010	
LinkDown(SNMPv2)	Description	An EGP poor noighbor is down
LinkUp(SNMPv2)	Description	An Ear peel neighbol is down
AuthenticationFailure(SNM		
EgpNeighborLoss(SNMPv:	Level	Warning 🗾 💌
Enterprisespecific	L	
🚊 System Event	Threshold Ena	able
PollingFailed		
PollingOk	Ascending	0
🚊 Threshold Event		
TransmitThreshold	Descending	0
🗄 Private 🗕 🗕		
DAP-2690deAuthentication		
	💛 New	💙 Save 🗶 Delete 💥 Close

ColdStart (SNMPv2)

YOR				
- Event Type	~	SnmpVersion	SNMP V2C	$\overline{\mathbf{v}}$
🚊 - StandardTrap				
ColdStart		Event Name	ColdStart(SNMPv2)	_
WarmStart				
LinkDown		.		_
LinkUp		I rap Generic		Ψ.
- AuthenticationFailure			O Dashla O Dashla	
- EgpNeighborLoss		Status	O Disable O Enable	
ColdStart(SNMPv2)		010	1361631151	_
WarmStart(SNMPv2)		UID		
- LinkDown(SNMPv2)		Description	The second second sector the base of the first second seco	in a
- LinkUp(SNMPv2)		Description	I he sending protocol entity has reinitialized,	Ina
AuthenticationEailure(SNM				_
Muchenicedoni allarejarim		Level	Warning	•
- EgpNeighborLoss(SNMPv.				
EgpNeighborLoss(SNMPv: Enterprisespecific			,	
EgpNeighborLoss(SNMPv: Enterprisespecific System Event		Threshold Ena	ible	
EgpNeighborLoss(SNMPv: Enterprisespecific System Event PollingFailed		Threshold Ena	, ble	
EgpNeighborLoss(SNMPv: EgpNeighborLoss(SNMPv: Enterprisespecific System Event PollingFailed PollingOk		Threshold Ena	ble	_
Pagne ingbord saddin and sadding sad		Threshold Ena	ible	
Garberndadni antersteinnen EgoNeighborLoss(SNMPv: Enterprisespecific System Event PollingFailed PollingOk Threshold Event TransmitThreshold		Threshold Ena Ascending Descending	lo l	
EgpNeighborLoss(SNMPv: EgpNeighborLoss(SNMPv: PollingFailed PollingFailed PollingOk Threshold Event TransmitThreshold Private		Threshold Ena Ascending Descending	lo D	

WarmStart (SNMPv2)

Event Settings		×
Event		
Event Type 🔨	SnmpVersion	SNMP V2C
🖻 StandardTrap		
ColdStart	Event Name	WarmStart(SNMPv2)
WarmStart		
LinkDown	Trap Generic	
LinkUp	riap denenc	
AuthenticationFailure	Statue	Disable O Enable
EgpNeighborLoss	Jidius	S Didalo S Eliabic
ColdStart(SNMPv2)	מוח	1.3.6.1.6.3.1.1.5.2
WarmStart(SNMPv2)	010	
LinkDown(SNMPv2)	Description	The sending protocol has reinitializing but neith-
LinkUp(SNMPv2)	Description	The senaing protocor has reinitializing, but neuri
AuthenticationFailure(SNM		
EgpNeighborLoss(SNMPv.	Level	Notice
Enterprisespecific		
🖻 System Event	Threshold Ena	ble
PollingFailed		
PollingOk	Ascending	0
Threshold Event		
TransmitThreshold	Descending	0
🖻 Private 🚽		
DAP.2690deAuthentication		
	V New	V Save X Delete X Close

LinkDown (SNMPv2)

Event Settings × - Event SnmpVersion SNMP V2C Event Type ^ $\overline{\mathbf{v}}$ 🚊 - StandardTrap - ColdStart Event Name LinkDown(SNMPv2) WarmStart LinkDown Trap Generic -- LinkUp AuthenticationFailure \odot Disable C Enable Status EgpNeighborLoss ColdStart(SNMPv2) 1.3.6.1.6.3.1.1.5.3 OID -WarmStart(SNMPv2) LinkDown(SNMPv2 A communication link has failed, the affected in Description LinkUp(SNMPv2) AuthenticationFailure(SNM Notice Level - EgpNeighborLoss(SNMPv. - Enterprisespecific 🔲 Threshold Enable 🚊 - System Event PollingFailed 0 PollingOk Ascending Threshold Event - TransmitThreshold Descending . ⊡- Private ... DAP-2690deAuthentication < \checkmark New 💙 Save 🗶 Delete X Close

LinkUp (SNMPv2)

Event Settings		×
- Event	Currentfermion	
Event Type	Shimpversion	SNMP V2C
⊡- StandardTrap		
ColdStart	Event Name	LinkUp(SNMPv2)
WarmStart		
LinkDown	Trap Generic	V
LinkUp		
AuthenticationFailure	Status	💿 Disable 🛛 🔿 Enable
EgpNeighborLoss		
- ColdStart(SNMPv2)	OID	1.3.6.1.6.3.1.1.5.4
WarmStart(SNMPv2)		
LinkDown(SNMPv2)	Description	A communication link has come up. The affecte
LINKUD[SNMPV2]		
- AuthenticationFailure(SNM	Loud	Magaz
- EgpNeighborLoss(SNMPv)	Level	Notice
Enterprisespecific	Threshold En:	abla
E-System Event		able
- PollingFailed	A	0
	Ascenaing	U
En Inreshold Event		
I ransmit I hreshold	Descending	U
]
COP. 259Ude&uthentication	Mou:	Saus Dolota V Class
	V New	

AuthenticationFailure(SNMPv2)

Event Settings - Event SnmpVersion SNMP V2C $\overline{\mathbf{v}}$ Event Type ^ . ⊡- StandardTrap - ColdStart Event Name AuthenticationFailure(SNMPv2) - WarmStart - LinkDown Trap Generic \mathbf{v} - LinkUp AuthenticationFailure Oisable C Enable Status - EgpNeighborLoss ColdStart(SNMPv2) 1.3.6.1.6.3.1.1.5.5 OID WarmStart(SNMPv2) - LinkDown(SNMPv2) Description The agent has received an improperly authentic - LinkUp(SNMPv2) AuthenticationFailure(SNM Notice -AuthenticationFailure(SNMP Level - Enterprisespecific 🔲 Threshold Enable 🚊 - System Event PollingFailed PollingOk Ascending 🗄 - Threshold Event TransmitThreshold Descending 0 ≟- Private . DAP-2690deAuthenticption \checkmark ✓ Save 🗶 Delete 🗶 Close New

EgpNeighborLoss (SNMPv2)

Event Settings		*
Event-	<u>م</u>	
Event Type	SnmpVersion	SNMP V2C
⊡- StandardTrap		,
ColdStart	Event Name	EapNeiabborl oss(SNMPv2)
WarmStart		
LinkDown	T G .	
LinkUp	I rap Generic	v
AuthenticationFailure	Charles	Disable O Evable
EgpNeighborLoss	Status	
ColdStart(SNMPv2)	010	1.36.1.6.3.1.1.5.6
WarmStart(SNMPv2)	010	
LinkDown(SNMPv2)	Description	An ECD and weighter is down
LinkUp(SNMPv2)	Description	An Edir peer heighbor is down
AuthenticationFailure(SNM		
EgpNeighborLoss(SNMPv.	Level	Warning 🔹
Enterprisespecific		
⊡-System Event	🔲 Threshold Ena	able
PollingFailed		
PollingOk	Ascending	0
⊡ - Threshold Event		1
TransmitThreshold	Descending	0
– Private –	[I
	💙 New	Save 🗶 Delete 🗶 Close

Enterprisespecific

Event	ר 🗌 ר	
🖃 Event Type 📃 🔼	SnmpVersion	SNMP V1
🖻 - StandardTrap 👘 🦷		
ColdStart	Event Name	Enterprisespecific
WarmStart		
LinkDown	Tran Ganaria	
LinkUp	riap denenc	EnterpriseSpecific(6)
AuthenticationFailure	Chabus	Disable
EgpNeighborLoss	Status	
ColdStart(SNMPv2)	00	
WarmStart(SNMPv2)	010	1
LinkDown(SNMPv2)	Description	
LinkUp(SNMPv2)	Description	
AuthenticationFailure(SNM		
EgpNeighborLoss(SNMPv:	Level	Notice
Enterprisespecific		
🚊 System Event	Threshold En	able
PollingFailed		
PollingOk	Ascending	0
🚊 Threshold Event		
TransmitThreshold	Descending	0
🖻 - Private 🛛 🗕 🗕		
< >	💙 New	Save 🗶 Delete 🗶 Close

System Event - To configure the trap condition, click the System Event icon in the tool bar to set the event settings. It consists of the following options:

System Event

To modify an event setting, select the event from the Event Type list and then change the items. After the setting, click Save button to apply the changes.

To add a new event, click New button, and configure the settings in the event creation window.

Event	۱ <u> </u>	
- EqpNeighborLoss(SNMPv2)	SnmpVersion	SNMP V1
Enterprisespecific		,
- System Event	Event Name	Sustem Event
PollingFailed		System Event
PollingOk		
⊡ Threshold Event	I rap Generic	· · · · · · · · · · · · · · · · · · ·
TransmitThreshold		O Divible of Freedo
⊟- Private	Status	
- DAP-2690deAuthentication	010	
- DAP-2690stationDisassocNc	UID]
DAP-2690stationAssocNotify	Description	
- DAP-2690wlanIfLinkDown	Description	
- DAP-2690webLogoutSucces		
- DAP-2690bcFlood	Level	Notice
- DAP-2690disassociateAttack		
DAP-2690deauthenticateAtta	🔲 Threshold En	able
DAP-2690wlanlfLinkUp		
DAP-2690memoryPoor	Ascending	0
DAP-2690cpuLoadingFull		
DAP-2690telnetLoginFail	Descending	0
DAP-2690webNotify		
DAP-2690ssbl.oginEail		



Event-			
Event Type	~	SnmpVersion	SNMP V1
🚊 StandardTrap			
ColdStart		Event Name	PollingFailed
WarmStart			, onligi anda
LinkDown		Tree Coursie	
LinkUp		i rap Generic	~
AuthenticationFailure		Chattan	🖲 Disable 🔗 Enable
EgpNeighborLoss		Status	
ColdStart(SNMPv2)			
WarmStart(SNMPv2)		010	
LinkDown(SNMPv2)		Description	Indicate the measure dealt section the second
L'ALLACENTRE OF		Description	Indicate the manager durit receive the respons
EINKUP(SINMPVZ)			
AuthenticationFailure(SNMPv			
LINKUD[SNMPV2] AuthenticationFailure(SNMPv EgpNeighborLoss(SNMPv2)		Level	Notice
		Level	Notice 💌
		Level	Notice
EnkOp(SNMPV2) AuthenticationFailure(SNMPv2) EgpNeighborLoss(SNMPv2) Enterprisespecific System Event PollingFailed		Level	Notice
EnkOp(SNMPV2) AuthenticationFailure(SNMPv EgpNeighborLoss(SNMPv2) Enterprisespecific System Event PollingFailed PollingOk		Level Threshold Ena	Notice
EnkOp(SMM*V2) AuthenticationFailure(SNMPv2) EgpNeighbor(.css(SNMPv2) Enterprisespecific System Event PollingFailed PollingOk Threshold Event		Level Threshold Ena Ascending	Notice
Einköpisinm ² /2) AuthenticationFailure(SNMP/2) EgpNeighborLoss(SNMP/2) Enterprisespecific System Event PollingDalee PollingDale Threshold Event TransmitThreshold		Level Threshold Ena Ascending Descending	Notice
EnkOp(SNMPV2) AuthenticationFailure(SNMPV2) EgpNeighborLoss(SNMPV2) Enterprisespecific System Event PollingFailed Denterprisespecific Threshold Event TransmitThreshold Private		Level Threshold End Ascending Descending	Notice Notice

PollingOK

Event Type SnmpVersion SNMPV1 StandardTrap Event Name Polling0k - ColdStart Event Name Polling0k - LinkDown Trap Generic Image: Status - AuthenticationFailure Status Disable - ColdStart(SNMPv2) OID Image: Status - LinkDown(SNMPv2) Description Indicate the manager don't receive the respons - LinkUp(SNMPv2) Extension Failure(SNMPv2) Description Indicate the manager don't receive the respons - LinkUp(SNMPv2) Enterprisespecific Image: Status Image: Status Image: Status - System Event PollingGIk Ascending Image: Status Image: Status - Transmit Threshold Descending Image: Status Image: Status Image: Status - PolingGIk Event Name Descending Image: Status Image: Status Image: Status - System Event PolingGIk Descending Image: Status Image: Status Image: Status Image: Status Image: Status - Prove text PolingGIk Image: Status Image: Status Image: Status Image: Status <td< th=""><th>Event</th><th>n (</th><th></th></td<>	Event	n (
StandardTrap ColdStat WarmStart LinkUp AuthenticationFailure EgpNeighborLoss ColdStar(SNMPv2) LinkUp(SNMPv2)	- Event Type 📃 🔨	SnmpVersion	SNMP V1
LinkDown LinkUp AuthenticationFailure EgpNeighborLoss ColdStart(SNMPv2) LinkDown(SNMPv2) LinkUp(SNMPv2) LinkUp(SN	⊡ StandardTrap	Event Name	PollingOk
AuthenticationFailure EgpNeighborLoss ColdStart(SNMPv2) UarNStart(SNMPv2) LinkUp(SNMPv2) LinkUp(SNMPv2) LinkUp(SNMPv2) AuthenticationFailure(SNMPv EgpNeighborLoss(SNMPv2) Enterprisespecific System Event PollingFailed PollingFailed PollingFailed Descending Descending Descending Descending	LinkDown LinkUp	Trap Generic	Ţ
ColdStart(SNMPv2) WarmStart(SNMPv2) LinkDown(SNMPv2) LinkUp(SNMPv2) LinkUp(SNMPv2) AuthenticationFailure(SNMPv EgpNeighborLoss(SNMPv2) Enterprisespecific System Event PollingFailed PollingFailed Threshold Enable Ascending Description TransmitThreshold Descending O	AuthenticationFailure EgpNeighborLoss	Status	O Disable O Enable
LinkDown(SNMPv2) LinkUp(SNMPv2) AuthenticationFailure(SNMPv EgpNeighborLoss(SNMPv2) Enterprisespecific PollingFailed PollingFailed Threshold Enable Ascending Descending Descending	ColdStart(SNMPv2) WarmStart(SNMPv2)	OID	
AuthenticationFailure(SNMP+ EgpNeighborLoss(SNMPv2) Enterprisespecific PollingFailed PollingFailed Threshold Enable PollingCik Ascending Descending Descending Descending	LinkDown(SNMPv2) LinkUp(SNMPv2)	Description	Indicate the manager don't receive the respons
Childen pricespecific System Event PollingFailed PollingFailed Ascending Descending Descending	AuthenticationFailure(SNMPv EgpNeighborLoss(SNMPv2)	Level	Notice
PollingFailed PollingFailed PollingFailed PollingFailed Descending Descending	Sustem Event	Threshold En	able
TransmitThreshold Descending	PollingFailed	Ascending	0
	TransmitThreshold	Descending	0

Threshold Event consists of the following options:

Threshold Event


Transmit Threshold

Private consists of the following options:

Private



Vent		
EgpNeighborLoss(SNMPv2)	SnmpVersion	SNMP V1
Enterprisespecific □- System Event PollingFailed	Event Name	Private
PollingOk ⊡ Threshold Event	Trap Generic	V
Private	Status	O Disable 💿 Enable
DAP-2690deAuthentication DAP-2690stationDisassocNc	OID	
DAP-2690stationAssocNotify DAP-2690wlanlfLinkDown	Description	
DAP-2690webLogoutSucces DAP-2690bcFlood	Level	Notice
DAP-2690disassociateAttack DAP-2690deauthenticateAtta	Threshold En	able
DAP-2690wlanlfLinkUp DAP-2690memoryPoor DAP-2690cpuLoadingFull	Ascending	100
DAP-2690telnetLoginFail DAP-2690webNotify	Descending	90
DAP-2690esbl.oginEail	V New	Save 🗶 Delete 🗶 Close

DAP-2690deAuthentication

Event	<u></u> ۲	
EgpNeighborLoss(SNMPv2)	SnmpVersion	SNMP V1
Enterprisespecific	1	
- System Event	Event Name	DAP-2690deAuthentication
PollingFailed		
PollingOk	Tran Constin	
- Threshold Event	i rap Generic	EnterpriseSpecific[6]
TransmitThreshold	Chaban	Disable O Exable
]• Private	Status	
		1.3.6.1.4.1.171.10.37.45.5.7.2.20
- DAP-2690stationDisassocNotify	010	1
- DAP-2690stationAssocNotify	Description	
DAP-2690wlanlfLinkDown	Description	
- DAP-2690webLogoutSuccessful		
- DAP-2690bcFlood	Level	Critical 🔹
- DAP-2690disassociateAttack		
- DAP-2690deauthenticateAttack	Threshold En	able
DAP-2690wlanlfLinkUp		
DAP-2690memoryPoor	Ascending	0
DAP-2690cpuLoadingFull		
- DAP-2690telnetLoginFail	Descending	0
- DAP-2690webNotify		1
< >	💛 New	💛 Save X Delete 🗶 Close

DAP-2690stationDisassocNotify

Event Settings				×
- Event	_			
		SnmpVersion	SNMP V1	
System Event			,	
- PollingFailed		Event Name	DAP-2690stationDisassocNotifu	
PollingOk			DAT 2000station Disassociationly	
⊪ Threshold Event		T. C.		
TransmitThreshold		i rap Generic	EnterpriseSpecific(6)	
⊡- Private		Chabus	Disable	
DAP-2690deAuthentication		Status		
DAP-2690stationDisassocNotify		an	1.3.6.1.4.1.171.10.37.45.5.7.2.15	
- DAP-2690stationAssocNotify		010	1	
DAP-2690wlanlfLinkDown		Description		
- DAP-2690webLogoutSuccessful		Description	I	
DAP-2690bcFlood				
- DAP-2690disassociateAttack		Level	Critical 🔹	
DAP-2690deauthenticateAttack				
DAP-2690wlanlfLinkUp		Threshold En	able	_
DAP-2690memoryPoor				
DAP-2690cpuLoadingFull		Ascending	0	
DAP-2690telnetLoginFail				
- DAP-2690webNotify		Descending	0	
DAP-2690sshLoginFail				
				1
	-	V New	Save X Delete X Close	
	_			

DAP-2690stationAssocNotify

Event Settings × - Event SnmpVersion SNMP V1 $\overline{\mathbf{v}}$ Enterprisespecific ^ System Event - PollingFailed Event Name DAP-2690stationAssocNotify ---- PollingOk Threshold Event Trap Generic EnterpriseSpecific(6) -Private O Disable C Enable Status DAP-2690deAuthentication DAP-2690stationDisassocNotify 1.3.6.1.4.1.171.10.37.45.5.7.2.14 OID DAP-2690stationAssocNotify DAP-2690wlanlfLinkDown Description DAP-2690webLogoutSuccessful DAP-2690bcFlood Critical Level • DAP-2690disassociateAttack DAP-2690deauthenticateAttack 🔲 Threshold Enable DAP-2690wlanlfLinkUp DAP-2690memoryPoor Г DAP-2690cpuLoadingFull Ascending DAP-2690telnetLoginFail - DAP-2690webNotify Descending - DAP-2690sshLoginFail \mathbf{v} < > \checkmark New 💙 Save 🗙 Delete X Close

DAP-2690wlanlfLinkDown



DAP-2690webLogoutSuccessful



DAP-2690bcFlood

E vent	Construction		
Enterprisespecific	Shimpversion	JSNMP V1	T
System Event			
PollingFailed	Event Name	DAP-2690bcFlood	
En PollingUk		1	
Threshold Event	Trap Generic	EnterpriseSpecific(6)	-
I ransmit I hreshold			
Private	Status	💿 Disable 🛛 🔿 Enable	
DAP-2690deAuthentication			
DAP-2690stationDisassocNotity	OID	1.3.6.1.4.1.171.10.37.45.5.7.2.10	
DAP-2690stationAssocNotity			
DAP-2690WianifLinkDown	Description		
DAP-2690WebLogoutSuccessful		1	
DAP-26300cFlood	Level	Critical	-
DAP-2000uisassocialeAttack	2010	Tendear	
DAP-2000deaumenticateAttack	Threshold Ena	able	
DAP-2690memoruPoor			
DAP-2690cpul oadingEull	Ascending	Ω	
DAP-2690telnetLoginEail		<u> </u> -	
DAP-2690webNotifu	Descending	Ω	
DAP-2690ssbl.oginEail	becoming	1-	

DAP-2690disassociateAttack

× Event Settings - Event **SnmpVersion** SNMP V1 -Enterprisespecific ^ System Event - PollingFailed Event Name DAP-2690disassociateAttack ---- PollingOk - Threshold Event Trap Generic EnterpriseSpecific(6) ------ TransmitThreshold Private Oisable C Enable Status - DAP-2690deAuthentication DAP-2690stationDisassocNotify 1.3.6.1.4.1.171.10.37.45.5.7.2.9 OID DAP-2690stationAssocNotify DAP-2690wlanlfLinkDown Description DAP-2690webLogoutSuccessful DAP-2690bcFlood DAP-2690disassociateAttack Level Critical • DAP-2690deauthenticateAttack Threshold Enable DAP-2690wlanlfLinkUp DAP-2690memoryPoor DAP-2690cpuLoadingFull Ascending DAP-2690telnetLoginFail DAP-2690webNotify Descending DAP-2690sshLoginFail V < V New 💙 Save 🗙 Delete X Close

DAP-2690deauthenticateAttack



DAP-2690wlanlfLinkUp



DAP-2690memoryPoor

Event		Comp) (aution		
Enterprisespecific	^	Shinpveision	ISNMP VI	T
- System Event				
PollingFailed		Event Name	DAP-2690memoryPoor	
····· PollingUk			1	
Threshold Event		Trap Generic	EnterpriseSpecific(6)	-
····· TransmitThreshold			Encipriscopecine(o)	
Private		Status	O Disable O Enable	
DAP-2690deAuthentication				
DAP-2690stationDisassocNotify		OID	1.3.6.1.4.1.171.10.37.45.5.7.2.5	
DAP-2690stationAssocNotify			1	
DAP-2690wlanIfLinkDown		Description		
DAP-2690webLogoutSuccessful		Decemption		
DAP-2690bcFlood				
 DAP-2690disassociateAttack 		Level	Critical	-
- DAP-2690deauthenticateAttack				
- DAP-2690wlanlfLinkUp		Threshold Ena	able	
— DAP-2690memoryPoor				
DAP-2690cpuLoadingFull		Ascending	0	
DAP-2690telnetLoginFail			2. 	
DAP-2690webNotify		Descending	0	
DAP-2690sshLoginFail			,	
	~			

DAP-2690cpuLoadingFull Event Settings - Event **SnmpVersion** SNMP V1 Enterprisespecific ^ System Event PollingFailed Event Name DAP-2690cpuLoadingFull ---- PollingOk Threshold Event Trap Generic EnterpriseSpecific(6) - TransmitThreshold Private Oisable Status DAP-2690deAuthentication DAP-2690stationDisassocNotify 1.3.6.1.4.1.171.10.37.45.5.7.2.4 OID DAP-2690stationAssocNotify DAP-2690wlanlfLinkDown Description DAP-2690webLogoutSuccessful DAP-2690bcFlood Level Critical DAP-2690disassociateAttack DAP-2690deauthenticateAttack 🔲 Threshold Enable DAP-2690wlanlfLinkUp DAP-2690memoryPoor DAP-2690cpuLoadingFull Ascendina 10 DAP-2690telnetLoginFail DAP-2690webNotify Descending 10 DAP-2690sshLoginFail \sim < 💙 New 💙 Save DAP-2690telnetLoginFail Event Settings - Event SnmpVersion SNMP V1 - Enterprisespecific ^ - System Event - PollingFailed Event Name DAP-2690telnetLoginFail ---- PollingOk Threshold Event Trap Generic EnterpriseSpecific(6) - TransmitThreshold Private Status Oisable DAP-2690deAuthentication DAP-2690stationDisassocNotify 1.3.6.1.4.1.171.10.37.45.5.7.2.3 OID DAP-2690stationAssocNotify DAP-2690wlanIfLinkDown Description DAP-2690webLogoutSuccessful DAP-2690bcFlood Critical Level DAP-2690disassociateAttack DAP-2690deauthenticateAttack 🔲 Threshold Enable DAP-2690wlanlfLinkUp DAP-2690memoryPoor Ascending DAP-2690cpuLoadingFull 0 DAP-2690telnetLoginFail DAP-2690webNotify

×

 $\overline{\mathbf{v}}$

Ŧ

•

Close

×

 $\overline{\mathbf{v}}$

 $\overline{\mathbf{v}}$

-

🗶 Close

O Enable

🗶 Delete

C Enable

💙 Save 🛛 💥 Delete

Descending

💙 New

 \sim

>

DAP-2690sshLoginFail

<

30

DAP-2690webnotify



DAP-2690sshLoginFail



AP Manager II v3.0 - Event Search

Click this icon to show the results of an Event Search



Once you have clicked the **Event Search** icon, a box opens for you to enter the **Event Type**, the **Event Level**, **Start Time**, **End Time**, **Node IP** and click **Search**

D AP Manager II v3.0			_ 윤 ×
General Groups Multi	Config Events	K C C C C C C C C C C C C C C C C C C C	
General	Ê 🗴 R		
 Groups MultiConfiguration Template Task Schedule Event Manager Tools Reports Association Security Utilization Channel Rogue AP SysLog Custom Monitor 	Event Name PollingGk PollingFailed	Event Type Event Level Date Time Source Description Content System Notice 2013-08-27 00:5949 192.168.0.50 Indicate the m System Notice 2013-08-26 12:59:18 192.168.0.50 Indicate the m System Notice 2013-08-26 07:50:20 192.168.0.50 Indicate the m System Notice 8/27/2013 Event Level All Start Time 8/27/2013 End Time 8/27/2013 Event Sources Node IP 0 0 0 O Source Start Time 8/27/2013 Event Level All Event Level Node IP	
Ready		AP Count 1	LogUser admin

AP Manager II v3.0 - Exporting Events

Click this icon to do an **Event Export.** AP Manager II v3.0 can export the event results to the files in the format of **Text/Excel**/ **PDF**. To save event results, highlight the event record in the event window and click the Event Export icon in the tools bar, then select the file format you want to save, AP Manager II v3.0 will save all the records of that type to file.

AP Manager II v3.0								_ & ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp								
General Groups Multi C	Config Events T	iools Reports	User Manager Option					
General								
▶ 👯 Groups	Event Name	Event Type	Date Time	Source	Description	Content		
	PollingOk	System Not	ce 2013-08-27 00:59:49	192.168.0.50	Indicate the m			
" 🎬 MultiConfiguration	PollingFailed	System Noti	ce 2013-08-26 12:59:18	192.168.0.50	Indicate the m			
Tamalata	PollingFailed	System Not	ce 2013-08-26 08:00:05	192.168.0.50	Indicate the m			
remplate	PollingFailed	System Not	ce 2013-08-26 07:50:20	192.168.0.50	Indicate the m			
Task Schedule	PollingFalled DollingFalled	System Not	ce 2013-08-20 07:49:30	192.108.0.30	Indicate the m			
	PollingFailed	System Noti	ce 2013-08-26 06:41:3	192.168.0.50	Indicate the m			
Event Manager	PollingFailed	System Not	ce 2013-08-26 06:33:06	192.168.0.50	Indicate the m			
Cools		-,						
Reports								
Association								
Security	7							
Dtilization								
Channel								
📄 Rogue AP								
📄 SysLog								
Custom								
📄 Monitor	[27/08/2013 00:59:18.987 [27/08/2013 00:59:18.987 [27/08/2013 00:53:19.065 [27/08/2013 00:59:49.020]The initialization comp Syslog Server Start su SnmpTrap receiver init Device: 192.168.0.50 S	ete ccess ialize successfully! NMP Ping Ok!					~
Ready							AP Count 1	LogUser admin

AP Manager II v3.0 - Setting Notices

Click this icon to view the Notice Settings. AP Manager II v3.0 can set the corresponding actions when some level of events occurs. To configure the notice setting, click the Notice Settings icon in the tools bar, as shown below

Play sound: Click Browse to select the sound file. AP Manager II v3.0 will play the sound file when this level of event occurs **Show Pop Message:** AP Manager II v3.0 will pop a message window when this level of event occurs **Send Email:** Enter the Email information of To/From email address, SMTP server, UserName/Password [Optional], Subject and Message in the respective column. AP Manager II v3.0 will send this email when this level of event occurs.



AP Manager II v3.0 - Create Watchlist

AP manager II v3.0 allows a user to add custom watch list(s) which only shows the specified devices and events.

To create a watchlist, please follow the steps below:

Click the **Create Watchlist** item under the icon of the tools bar, and enter the **Watch list Name** in Create list form.



Enter the Watch list Name in Create list form.



Click the **Add** button to insert the events into event list, and select the events that need to be added in Select Event form, click the Select button, then click the OK button



Click the **Add** button to insert the devices into device list, and select the devices that need to be added in Select Device form, click the Select button, then click the OK button.



The new **Watchlist** now appears on the left-hand panel.

D ADManagerIII 20		_ #
System View NetTool Help		
Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Concept State Image: Co		
🔛 General 🛆 🖹 🖾 🗗 🖨 🛃 🖬		
Starcups Event Name Event Type Event Level Date Time Source Description Content		
PollingOk System Notice 2013-08-2700.59-49 192.168.0.50 Indicate the mu. PollingOk System Notice 2013-08-2700.59-49 192.168.0.50 Indicate the mu.		
MunicolingGraund PolingFailed System Notice 2013-08-20 (2030) indicate the m PolingFailed System Notice 2013-08-20 (80:00) 192-100.030 Indicate the m		
Template PollingFailed System Notice 2013-08-26 07:50:20 192.168.0.50 Indicate the m		
Task Schedule PollingFailed System Notice 2013-08-26 07/4930 192.168.0.50 Indicate the m		
PollingFailed System Notice 2013-00-20 (133.37 135-100.00.0) Ministe the m		
Vent Wondger PollingFailed System Notice 2013-08-26 06:33:06 192.168.0.50 Indicate the m		
StandardTrap		
System		
Threshold		
Private		
i sample one		
Tools		
Reports		
▶ 🖻 Association		
Security		
Utilization [22/08/2013 0/ 59:18 987 IThe initialization complete		
Channel (27/08/2013 00:59:18:987 [Syslag Server Start success 127/08/2013 00:59:19:065 [Smm0 Trap receiver initialize successfully		Ē
Rogue AP 27/08/2013 00:59:49.020 [Device: 192.168.0.50 SNIMP Ping Oki		-
Ready	AP Count 1	LogUser admin

AP Manager II v3.0 - Tools - Topology

You can create a topology map to graphically represent planned or existing networks to aid network design, and also AP Manager II v3.0 will periodically poll network devices to monitor its status. You can further customize their diagrams with selected icons and bitmap files used for the background. When a topology map is opened, AP Manager II will discover the devices connected on the network and display their icons on the map.



To create a new topology view, right-click on the tab, and click **Add.**



The new workspace is created.



Right-click on the workspace.



To change the background, click **Set Background**. The edit window opens for you to browse to the folder where you want to change the color. Click **Open** to load.

To remove the background, right-click the blank area and select Remove Background.



To **Set Network Map Size**, right click and click Set Network Map Size. The Map Size window appears.

Change the Width and Height settings and click OK.



To **Rotate** the image, select the image first and click **Rotate**. Enter a figure in the field provided or use the slider to set the rotation. Click OK when complete.



To add an access point, right-click in an open space and select **Add Access Point**.



Under **Selected AP**s, select the new Access Point you wish to use and click OK. The new Access Point appears on the screen alongside the Access Point you previously had.



Section 4 - Configuration

The new Access Points appear on the workspace.



To add lines, and organize the APs more efficiently, right-click in the workspace and click **Add Network Link**.



A drawing icon appears for you to create a line between devices.



The topology now appears like normal network schematic.



To delete a device, right-click the device and click **Delete Network Element**.



A warning message appears prompting you to verify your selection. Click **Yes** to continue with deleting the device or click **No**.



Section 4 - Configuration

To find out the properties of each device, double-click the device. The Properties window appears.



To define the **RF Coverage**, select the **RF Coverage tab**, click the up/down arrows to select the **RF Coverage**.

D Property			×					
Device info RF coverage								
RF Coverage	(Radiu)	10 •						
Channel Color	Setting	ALL						
Band	Channel	Color						
2.4GHz	1	#808000						
2.4GHz	2	#FFA500						
2.4GHz	3	#00FFFF						
2.4GHz	4	#87CEEB						
2.4GHz	5	#98EAE5						
2.4GHz	6	#43ABC4						
2.4GHz	/	#41C4B7						
		>						
Show RF	Cover Range							
	💙 Ok	X Cancel 🔗 A	pply					

To define the channel color settings, click ALL or the device you want to configure. Double-click each channel or the color you want to change. A color pallette pops up for you to select a new color.

Click **Apply** and **OK** to finish.

MacAddress	Alias
0021917EFFA3	

AP Manager II v3.0- Tools - Site Planning

Site Planning is designed to help a user layout the wireless network. Before establishing a wireless network, a user needs to plan and evaluate the wireless network. A user locates Access Points using his/her notebook to scan for Access Points. Once the Access Points are located, it can be imported into the AP Manager II for analysis.

The Site Planning Interface shows the Location ID (BSSID), the Start Time (Band), the Interval Time (average RSSI), the Length (Min RSSI), and a description (MaxRSSI).

D AP Manager II v3.0	_									_ 윤 ×
System View NetTool Help	Config E	ivents	Nols Reports	User Manager Optio	n					
General General Groups MultiConfiguration Confi	LocationID	(BSSID)	Start Time(Band)	Interval Time(avgRSSI)	Lenth(MinRSSI)	Description(MaxRSS				
 Contig Comparison Reports Association Security Utilization Channel Rogue AP SysLog 	By Date lim 100 80 50 60 40 20 0	2:34 02	• • • • • • • • • • • • • • • • • • •	03:04 03:1	++++++++ ++++ 4 03:24	••••••••••••••••••••••••••••••••••••••	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	••••••• 04:14	
Custom Monitor Ready	[28/08/201 [28/08/201 [28/08/201 [28/08/201	3 00:42:15.970]F 3 00:42:15.986] ⁻ 3 00:42:15.986]S 3 00:42:16.158]S	TP Server started o The initialization com Syslog Server Start s Snmp Trap receiver i	n port 21. iplete success nitialize successfully!					AP Count 0	LogUser

To run the scan, go to the directory where the AP Manager II is located. Double-click the **ScanAP.exe**. file.

🌆 l 💽 🌆 🖛 l	Application Too	ls					AP Ma	anager l	II Lite				- 0	×
File Home Share View	Manage													^ ?
Copy Paste Cipboard	love ov Copy ov Copy to Copy Organize	te Rename	New item ▼ New folder New	Propertie	Edit Edit Mistory	Se Se In	elect all elect none vert selection Select							
(a) ▼ ↑ ↓ Computer →	Local Disk (C:) →	Program File	s ⊧D-link ⊧APN	/anager II	Lite					U	C. Se	arch AP Manager I	II l ite	Q
	Local Disk (ci)	riogramme	▲	nanagern	Lite					Ŧ	0 50	aren za managen		-
🚖 Favorites	^	Name			Date modified		Туре	S	bize					^
🛄 Desktop		SconfigT	pl.dll		11/16/2012 4:4	1 AM	Application ext	tens	2,212 KB					
鷆 Downloads		Costom	Report		1/12/2009 4:16	PM	Safari Docume	ent	3 KB					
🕮 Recent places		DBEngin	ie.dll		11/5/2007 9:48	AM	Application ext	tens	104 KB					
🗥 SkyDrive		S DIFTP.dl	1		12/25/2008 11:	22	Application ext	tens	68 KB					
🔁 zelnbox		DLSkin.d	111		11/16/2012 4:4	6 AM	Application ext	tens	480 KB					
		dlTftp.dl	II		10/26/2005 5:0	1 PM	Application ext	tens	32 KB					
🥽 Libraries		FileCom	paredObj.dll		11/1/2012 9:55	AM	Application ext	tens	80 KB					
Documents		GDIPLUS	S.DLL		6/20/2003 2:28	PM	Application ext	tens	1,736 KB					
J Music		install.dl	1		8/1/2011 3:02 4	AM	Application ext	tens	280 KB					
Pictures		IibParsel	Mib.dll		11/15/2012 2:1	5 PM	Application ext	tens	116 KB					
📑 Videos		Mfcdll.d	II		5/7/2010 5:09 F	M	Application ext	tens	280 KB					
		S msvcp60	0.dll		12/8/2006 2:23	PM	Application ext	tens	393 KB					
🜉 Computer		NEAP.dl	I		3/19/2010 5:45	PM	Application ext	tens	60 KB					
🏪 Local Disk (C:)		options			12/5/2011 11:1	7 AM	Configuration	sett	2 KB					
👝 Removable Disk (E:)		Report			12/9/2008 7:54	PM	Safari Docume	ent	1 KB					
🙀 Volume_2 (\\192.168.0.102) (Y:)		ReportO	idList		12/6/2012 8:57	AM	XML File		3 KB					
🙀 Volume_1 (\\192.168.0.102) (Z:)		Y ScanAP			7/17/2012 8:02	PM	Application		404 KB					
		Smtpdll.	dll		9/20/2012 4:47	PM	Application ext	tens	911 KB					
📬 Network		🚳 snmp_p	p.dll		12/20/2005 10:	30	Application ext	tens	280 KB					
🖳 ALEX-PC		SubDLL.	dll		2/13/2007 1:19	PM	Application ext	tens	24 KB					
🜉 Brian-PC		S TopView	/Lib.dll		12/1/2012 1:45	AM	Application ext	tens	577 KB					
I HOME		🔡 txt2pdf			5/7/2010 5:09 F	M	Application		1,448 KB					
🖳 INFUN-PC		Unit			3/25/2009 5:55	PM	XML File		1 KB					
🖳 KINGMAN-PC	>	🍟 winhlp32	2		8/3/2012 5:38 4	AM	Application		264 KB				-	¥
43 items 1 item selected 403 KB													8	==

To collect the Access Points RF information, click ScanAP.

Select the target Access Point. Enter the Location ID, Description, and select the interval Time and wireless adapter, and then click the Start button.

Y		ScanAP – 🗆 🗙
File View Help		
Scan Information		
		Chart
BSSID	SSID Channel Aul	Total
		ά ₄₀
		20
		17:56 17:57 17:58 17:59 18:00 18:01 18:02 18:03 18:04 18:05 18:06 18:07
	>	
Wireless Adapters		
Location ID	LocationA	
Interval Time	6 Seconds(63600)	
Total Time	720 Seconds	
Description	LocationA	
Wireless Adapters		
Last Scan At	1900-01-01 00:00:01	
Scheduled Next Scan	1900-01-01 00:00:01	
Start	Stop	

Section 4 - Configuration

ScanAP starts to collect information on the Access Point. The Access Point is complete when a prompt message appears.



You can also save the location information. When you are prompted to click the Save button.



To load the Location Information, click the Load button from the Site Planning window and click Open.

Open		? 🛛
Look in: 隘	Scan AP	- 🔁 🖆 📰 -
LocationA.	stp	
File name:	[Open
	1	
Files of type:	SitePlanning Files (*.stp)	Cancel
	C Open as read-only	

Select the file from the list or expand the file to see the details on each location.



AP Manager II v3.0 - Tools - Config Comparison

The Config Comparison tool dispays windows side-by-side. It provides all system data on the Access Point to view and collate.



Section 4 - Configuration

Select the File icon to open the Template. Click the Template you want to compare and click OK.



The Template is displayed in the left pane. The second option

is to click this icon comparison table.





Section 4 - Configuration

Once you have downloaded both profiles, they are displayed side-by-side for analysis.



AP Manager II v3.0 - Report

Report is segmented into different categories. Each category is assigned a funtion to summarize details on its particular area. The Reports are: based on Association, Security, Utlization, Channel, Rogue AP, Syslog, Custom and Monitor.

D AP Mar	nager II Lite														_ 8 ×
<u>System V</u> i	ew <u>N</u> etTool <u>H</u> elp	p 22. ~			51										
	8														
General	Group M	lulti Co	onfig F	fault	Tool	Rep	ort User M	/lanager Option							
₽ ₹ \$ Gi	roup	^	Access Po	oint								Gi	roupType Model	💌 🛯 All Gro	up 🔽
🔹 🕿 м	ultiConfiguration			me con	MAC Address	90 19	Address								
F	Template		L DAP-2	030	CODE TOROOD	30 13	52.100.0.30								
	Task Schedule		1										Select None	Select All	Refresh
Fa	ault Manager		Station [)etail —											
F	StandardTrap		DateTin)e	MA	C Address	Alias	Access Point	SSID	Band	Authentication	RSSI	Power Save Mode		
	System														
	Threshold														
	Private	4													
	sample														
🛛 🌄 🍾 то	ool														
	Topology														
	Site Planning														
	Config Comparis													Europet Tout	Clare
- ⊽ 🕑 R	eport														
Þ	Association		[10/12/2012	2 08:18:4/	6.772 JFTP 3	Server start	ed on port 21	l.							
	Security		[10/12/2012 [10/12/2012	2 08:18:40 2 08:18:40	6.777]The ir 6.778]Syslo	nitialization g Server St	complete tart success								
<	>	~	[10/12/2012	2 08:18:46	6.856]Snmp	Trap receiv	ver initialize :	successfully!							
Ready														Log	JUser admin

AP Manager II v3.0 - Report - Association

The association window shows managed Access Points and their associated client stations in two ways – By Access Point and By Wireless Station.

AP Manager II v3.0								_			- 8 ×
General Groups Multi	i Config	Tools	Reports User	Manager Option							
General	Access Point							G	roupType Model	💽 🛯 All Gro	up 💽
■ Groups ■ Similar Configuration	Model Name	HW Version B	MAC Address 78542EAD61E0	IP Address 192.168.0.50							
Event Manager									Select None	Select All	Refresh
Tools	DateTime	MAC Ac	ldress Alias	Access Point	SSID	Band	Authentication	RSSI	Power Save Mode		_
Site Planning											
Config Comparison											
Reports	4										
Association											
Utilization											
Channel											
📄 Rogue AP										Evport Tevt	Clear
SysLog										ENDORTEN	v
Custom	[28/08/2013 00:42	2:15.970]FTP Serv	ver started on port ?	21.							
i Monitor	[28/08/2013 00:42 [28/08/2013 00:42 [28/08/2013 00:42	2:15.986] The Initia 2:15.986]Syslog S 2:16.158]SnmpTre	iization complete erver Start succes: p receiver initialize	s e successfully!							
Ready									ΑΡ Cou	int 0 Log	gUser admin

Section 4 - Configuration

By Access Point - Highlight an Access Point and the details of client stations that associated with the AP list are shown. The detail information includes, Date/Time, MAC Address, Alias, Access Point, SSID, Band, Authentication, RSSI and Power save mode.

From the Group Type, you can specify the summary to show the data according to a specified model or group. To export the Access Point data to a file, click a file type from the Export Text drop-down menu or click the Export Text button, and then enter a file name in the Export window, click the Save button to save the Access Point data.

D AP Manager II v3.0			_		_			_			_ & ×
General Groups Multi	Config Events	Tools	Reports	User Manager Option							
General	Access Point							Gi	roupType Model	💌 🛯 All Gro	pup
Sroups	Model Name	HW Version B	MAC Address 78542EAD61	IP Address							
MultiConfiguration											
Event Manager									Select None	Select All	Refresh
Tools	- Station Detail -										
🛅 Topology	DateTime	MACA	ddress Alia	as Access Point	SSID	Band	Authentication	RSSI	Power Save Mode		
📄 Site Planning											
📄 Config Comparison											
Reports											
▶ ► Association											
📄 Security											
📄 Utilization											
📄 Channel											
📄 Rogue AP										Fur est Taut	Class
📄 SysLog										Export Text	
🚞 Custom	[28/08/2013 00:42	2:15.970 IFTP Ser	ver started on	port 21.							
Monitor	[28/08/2013 00:42 [28/08/2013 00:42 [28/08/2013 00:42	2:15.986]The initia 2:15.986]Syslog S 2:16.158]SnmpTr	alization compl Server Start sur ap receiver init	lete ccess tialize successfully!							
Ready	L								AP Cou	unt 0 Lo	gUser admin
By Wireless Station - To list the Access Points according to the specified station and detected date, choose the date range from From/To drop-down menu, or type the Mac address of the device.

Export the Access Point data to a file, click a file type from the Export Text drop-down menu or click the Export Text button, and then enter a file name in the Export window, click the Save button to save the Access Point data.

Manager II v3.0 View NetTool Help Book Strain Strai	nfig Events	Tools	Ce Use	er Manager Option							_ 윤 ×
General	Access Point							Gr	oupType Model	💌 🛯 All Gro	oup 🔽 î
Groups	Model Name	HW Version B	MAC Address 78542EAD61E0	IP Address							
MultiConfiguration	DAI-2030	5	70342EAD01E0	132.100.0.30							
Event Manager											
	- Station Detail								Select None	Select All	Refresh
Topology	DateTime	MAC A	ddress Alias	Access Point	SSID	Band	Authentication	RSSI	Power Save Mode		
📄 Site Planning											
Config Comparison											
Reports											
Association											
) By Access Po											
📄 By Wireless St											
📄 Security											
📄 Utilization											
📄 Channel										Export Text	Ulear V
📄 Rogue AP	[28/08/2013 00· <i>4</i> 2	15 970 IETD Son	ver started on por	+ 21							
SysLog	[28/08/2013 00:42 [28/08/2013 00:42	:15.986]The initia	lization complete								
	[28/08/2013 00:42 [28/08/2013 00:42	:16.158]SnmpTra	ap receiver initiali:	ss ze successfully!							
									AP Co	unt 0 Lo	gUser admin

AP Manager II v3.0 - Report - Security

The Security pane graphically lists the security level of the managed Access Point(s) from lowest to highest - Open System, Shared Key, WPA-Personal, WPA-Enterprise, WPA2-Personal, and WPA2-Enterprise.

The Security Details pane shows the SSID, Mode Name, MAC Address, IP Address, Authentication, and Band information of the Access Points.

D AP Manager II v3.0							_ & ×
<u>S</u> ystem <u>V</u> iew <u>N</u> etTool <u>H</u> elp							
General Groups Multi	Config Events	Tools	Reports User Manage	r Option			
General Groups MultiConfiguration Contempor	(Highhwol))even your second (International Security Level (International Security Second (International Second Sec				Security Report		
📄 Site Planning							
Config Comparison	Security Details	Model Name	MAC Address	IP Address	Authentication	Band	
Reports							
Association							
📄 By Access Poi							
📄 By Wireless St							
Security							
📄 Utilization							
📄 Channel							Refresh
📄 Rogue AP	[28/08/2013 00:4	215.970 IFTP Serve	r started on port 21				
📄 SysLog	[28/08/2013 00:4 [28/08/2013 00:4	2:15.986]The initializ 2:15.986]Systop Ser	ation complete				
< <u>></u>	[28/08/2013 00:4	2:16.158]SnmpTrap	receiver initialize succes	sfully!			
Ready							 AP Count 0 LogUser admin

AP Manager II v3.0 - Report - Utilization

The **Utilization window** shows the band usage of a specific Access Point. To show the usage, the AP Manager II should poll the Access Points. To start the polling, select the Access Points that AP Manager II will poll from the Select window by clicking the Change button of Dependency and then click Start button. You can also enable the threshold notice by clicking the Enable Threshold Notice and select the type of Threshold Column.

D AP Manager II v3.0											- 8
System Liew Lieroun Liep General Groups Multi	Config	Events	Tools Rep	orts User Manager	Option						
General	8/	/28/2013 👤 ansmit Detail	To 8/28/2013	Search							Export Text
▶ 🛃 Groups	D	lateTime	IP Address	Max STA's Number	UpTime	Transmitted Packets	Transmitted Success Rate	Transmitted Retry Rate	Band		
▶ 2 MultiConfiguration											
▶ 📑 Event Manager											
▼ % Tools											
📄 Topology											
📄 Site Planning											
📄 Config Comparison											
Reports	-4										
Association											
📄 By Access Poi											
By Wireless St		olling Detail ———									
Security	Pol	ling Interval	5 Change	Scheduled Next Poll	2013-08-28 03	:48:02			Enable Th	reshold Notice	Start
Utilization	De	pendency	None Change	Last Polled At	2013-08-28 03	:48:02			Threshold	TransSuccessF	- End
Channel											
Rogue AP	[28/08	/2013 00:42:15	.970]FTP Server star	ted on port 21.							
SysLog	[28/08	/2013/00:42:15 /2013/00:42:15	.986] I he initialization .986]Syslog Server S	i complete Start success							
	[28/08	yzu i 3 00:42:16	. 158 jSnmp I rap rece	iver initialize successf	uliy!						1 1
Ready									AP C	ount 0	LogUser admin

AP Manager II v3.0 - Report - Channel

The channel window graphically lists the channel usage of the managed Access Points. From the Group Type, specify the graph data according to a specific model or group.



AP Manager II v3.0- Report -Rogue AP

The Rogue AP pane shows the Access Points that are not a part of same subnet. Rogue Access Points are showed by Channel, BSSID, Mode, and SSID. To categorize the APs, click the Detect button to scan the APs around, and click the category at the right side of window, then drag the AP from top window to bottom window

D AP Manager II v3.0 System View NetTool Help						_ & ×
General Groups Multi	Config Events Tool	Reports User Manager	Option			
🔛 General	Channel	BSSID	Mode	SSID		New
▶ 👯 Groups						
▶ 2 MultiConfiguration						
Event Manager						
▼ % Tools						
🚞 Topology						
📄 Site Planning						
Config Comparison	Channel	BSSID	Mode	SSID		Rogue
Reports .	4					8
Association						/alid A/
📄 By Access Poi						Veigt
📄 By Wireless St						nbor AF
Security						
Utilization						
Channel	L					Detect
Rogue AP	[28/08/2013 00:42:15.970]FT	P Server started on port 21.				
SysLog	[28/08/2013 00:42:15.986]Th [28/08/2013 00:42:15.986]Sy	e initialization complete slog Server Start success				
	[28/08/2013 00:42:16.158]Sn	mp I rap receiver initialize successful	lyi		7	
Ready					AP Count 0	LogUser admin

AP Manager II v3.0 - Report - Syslog

The Syslog window shows the System log information of the managed Access Point.



AP Manager II v3.0 - Report - Custom

The Custom log report allows you to configure the read-out from a specific date to a designated date. Click the Search button once you have finalized your time fram. Alternatively, create a custom configuration according to the Group Type (Model or Category) and Group.



AP Manager II v3.0 - Report - Monitor

The Monitor window shows the performance of an Access Point you create from scratch.



Create a new Surveillance profile by clicking the **Create** button under **Action**.

Settings		ОК
Profile Name	Profile1	Cancel
Device IP Address	<	
Option	<	
Public Community String	public	
Interval Time (seconds)	5 Seconds	
Total Time (minutes)	60	
Monitor Item		
Monitor Item	1.3.6.1 <	
Data Type	Absolute 💌	
Unit	Bytes/s	
Range	0 To 100	
Segment	5	

The Profile is automatically generated The Device IP Address - click the arrow to access it Option - click the arrow to access it. Public Community String - automatically generated Interval Time - select from the drop-down list Total Time - enter a value in minutes



Once all the information is entered into the fields provided, click OK



The Access Point monitors the profile you just created.



AP Manager II v3.0 - User Manager

The AP Manager II allows you to manage user profiles. To manage users, click the User Manager icon at the top of the Toolbar.

System View NetTool Help	
Image: Comparison of the second se	
Profile Action Tools Profile Topology Profile	
Site Planning	
Config Comparison	
By Access Point	
📄 By Wireless Stativ 🧃	
Security Profile Name Profile1 Interval Time 5 Sec Total Time 60 Min	
Utilization	
Color Last Polled At Scheduled Next Poll Data	
Rogue AP	
SysLog	
Monitor [28/08/2013 00:42:15.986]The initialization complete [28/08/2013 00:42:15.986]Syslog Server Start success [28/08/2013 00:42:16.158]SnmpTrap receiver initialize successfully! [28/08/2013 00:44:17 152 Creat Profile1 Success	
Ready	admin

This brings up the **User Management** pane. This shows the current user(s), **Privilege and Account Creation Date**.

To create a new user, enter the details provided, **Name** and **Password**, and **Privilege** rights from the drop-down menu. Click the **Add** button.

Explanation of privilege levels:

- Administrator: Owns all the rights of the AP Manager II.
- Manager: Owns all the rights except user manager.
- Guest: Can only view the information.



User Name	Password	Privilege	Creat Date
admin	admin	Administrator	
<			>
A	.dd Update	Delete	
Vame test	er Pa	assword T#g*0IO	
rivilege Mar	ager 💌		
lesume			

The new details now populates the **User Management** table.

User Name	Password	Privilege	Creat Date
admin	admin	Administrator	
tester	T#g*0IO	Manager	2012-12-10
<			>
Add	Update	Delete	
Vame tester	P	assword T#g*0IO	
Privilege Manag	er 💌		
lesume			

To delete a user, click the **Delete** button.

AP Manager II v3.0 - Options

A user can change the software operation environment of the AP Manager II. To configure the system environment, click Options in the main Toolbar.

÷.							DAF	p-26	590				-	- 🗆	×
Home	Basic	Advanced	Maintenance	Status	Config	juration	Help								
	Basic	Sys	stem Informat	tion 👻											
,	ॷ Wireless		Model Name	•		DAP-26	90								
	- 4		Firmware Ve	rsion		Model N	ame								
	4		System Nam	ne		Model N	ame								
	LAN		Location			Model N	ame								
	46		System Time	e		Model N	ame								
	IPv6		Up Time			Model N	ame								
			Operation M	ode(2.4G	Hz)	Model N	ame								
			Operation M	ode(5GH:	z)	Model N	ame								
			MAC Addres	ss(2.4GHz)	Model N	ame								
			SSID 1~7(2.	.4GHz)		ssid1-7(2	.4)								
			MAC Addres	ss(5GHz)		Model N	ame								
			SSID 1~7(50	GHz)		ssid1-7(5	i)								
			IP Address			Model N	ame								

The **Options** configuration window has four tabs - **General, Module, Database Maintenance, and Advanced**. The **General** section consists of **Logon Settings, SNMP Settings, Polling Settings**, and **Discover**.

Logon Settings - Select whether a user enters a username and password or select a specific user to use the system.

SNMP Settings - Select the Public/Private Community String, the Port number, and the SNMP Response TimeOut

Polling Settings - Selec to enable or disable the Polling type and the interval period

Discover - Enter a value for the Discovery Retry and Timeout duration.

Logon Setting — To use the sys	tem, user shou	ld input name and pass	sword	
Please select t	he user to use	the system		
User Name	Privilege	Creat Date	Resume	
admin	Administra			
<			>	>
SNMP Setting -				=
Public Community	String	public Port	161	
Private Community	String	private		
SNMP Response	TimeOut	20 (5-60 Se	econds)	
Polling Setting —				Ξ
Polling type	Disable	Enable		
Interval time	30	(10-60 Seconds)		
Discover				
Retry	1	TimeOut 5	(5-60 Seconds)	

The Module is divided into two sections: Select firmware file for model and Rogue AP.

Model Name - Details automatically provided

Firmware File - Click the Browse button to find the new/ updated firmware. Click Save when complete.

Module Information - This displays the current information.

Rogue AP - This can be auto-signed. Click the checkbox next to Auto-Sign Rogue AP and enter an IP Range

 Select firmware file 	e for model	
Model Name	Firmware file	
DAP-2690		
	Save	Browse
	- Module Informatio	n
	Model Name:	DAP-2690
	Description:	AP Manager II Module v3.00r07 (2012/11/20)
	Version:	3.00
	Support Band:	2.4GHz/5GHz
- Roque AP		
Auto-Sign Ro	que AP	
	-	
IP Range		to · · ·

The Database Maintenance allows users to configure the database according to their needs. Data is available for **Fault Data**, **Wireless Station Data**, **System Log Data**, **Utilization Data amd SysLog Data**

Data is further segmented into Notice by Records and Clear Rule.

Under Notice By Record, enter a value in the field provided

Under Clear Rule, there are three main options.:

Delete all records - self explanatory **Delete these top records** - enter a value accordingly **Delete these records before the datetime** - enter the calendar date

Click **Clear** if you wish to start over.

Select Fault Data	
Notice By Records	
To ensure the database efficient, Please notice user to clear the database	
Notice user when records 5000000 (1000 5000000)	
Clear Rule	
Delete all records	
Delete these top records	
Records: 100	
Delete these records before the datetime	
Datetime: 12/10/2012 💌	
Clear	
Options	
aeneral Module Database Maintenance Advanced	
Select Fault Data	
Nation Fault Data	
To and System Log Data	
the dat Utilization Data	
SysLog Data	
Notice user when records 5000000 (1000 5000000)	
- Clear Bule	
Delete all records	
Delete these top records	
Records: 100	
Delete these records before the datetime	
D + 1 12/10/2012	
Datetime: 12/10/2012	
(
a	ear

The Advanced tab is divided into two sections, TimeOut Settings and FTP Server settings

TimeOut Settings

Under **TimeOut Settings**, enter a value in the field provided for the following settings:

Set Timeout Reboot Timeout Configuration Flash Update Time F/W Download Time F/W Flash Update Time Time Tolerance Time

Under FTP Server, there are two main options.:

Enable Local FTP Server -Enable Remote FTP Server - Enter Remote IP Address Username Password Port

Click **Test** to see its functionality

neral Module Database Maintenance	Advanced
TimeOut Settings	
Set Timeout(s)	5
Reboot Timeout(s)	50
Configuration Flash Update Time(s)	60
Factory Reset Time(s)	60
F/W Download Time(s)	80
F/W Flash Update Time(s)	300
Timing Tolerance Time(s)	5 <u>D</u> efault
 Enable Local FTP Server Enable Remote FTP Server Remote Server IP Address 	0.0.0.0
User Name	
Password	
Port	21
	Test
	💙 Ok 🕱 Cancel 💙