

Professional Wireless LAN

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Agenda

- › DAP-2553
- › DAP-2590
- › DAP-2690
- › AP-Manager II
- › Neue Features
 - AP-Array
 - Internal RADIUS



DAP-2553

- › 802.11n Access Point mit bis zu 300 Mbit/s Übertragungsleistung
- › Nutzung des 2,4GHz **oder** 5 GHz Frequenzbandes
- › 3 abnehmbare dualband Antennen
- › Professionell GUI
- › Stromversorgung über PoE oder beiliegendes Steckernetzteil
- › Gigabit Ethernet LAN-Port
- › Einsatzbereich: innerhalb von Gebäuden



DAP-2590

- › 802.11n Access Point mit bis zu 300 Mbit/s Übertragungsleistung
- › Nutzung des 2,4GHz **oder** 5 GHz Frequenzbandes
- › 3 abnehmbare Antennen
- › Massives Metallgehäuse mit Diebstahlschutz
- › Wandmontagesatz enthalten
- › Stromversorgung über PoE oder beiliegendes Steckernetzteil
- › Gigabit Ethernet LAN-Port
- › Einsatzbereich: innerhalb von Gebäuden



DAP-2690

- › 802.11n Access Point mit bis zu 300 Mbit/s Übertragungsleistung
- › Nutzung des 2,4GHz **Und** 5 GHz Frequenzbandes gleichzeitig
- › 4 abnehmbare Antennen
- › Massives Metallgehäuse mit Diebstahlschutz
- › Wandmontagesatz enthalten
- › Stromversorgung über PoE oder beiliegendes Steckernetzteil
- › Gigabit Ethernet LAN-Port
- › D-Link Green
- › Einsatzbereich: innerhalb von Gebäuden

dlinkgreen



AP-Manager II



The image shows a login dialog box for 'AP Manager II'. The background is a blue grid pattern. In the top left, there is a circular logo with the text 'AP Manager II' around it. Below the logo, the text 'AP Manager II' is displayed in a large, white, sans-serif font. To the right of the title, there are two input fields. The first is labeled 'User Name' and contains the text 'admin'. The second is labeled 'Password' and contains six asterisks '*****'. Below these fields are two buttons: 'OK' and 'Cancel'. At the bottom of the dialog, there is a copyright notice: 'Copyright (C) 2008-2012 D-Link Corporation'.

AP Manager II

User Name

Password

Copyright (C) 2008-2012 D-Link Corporation

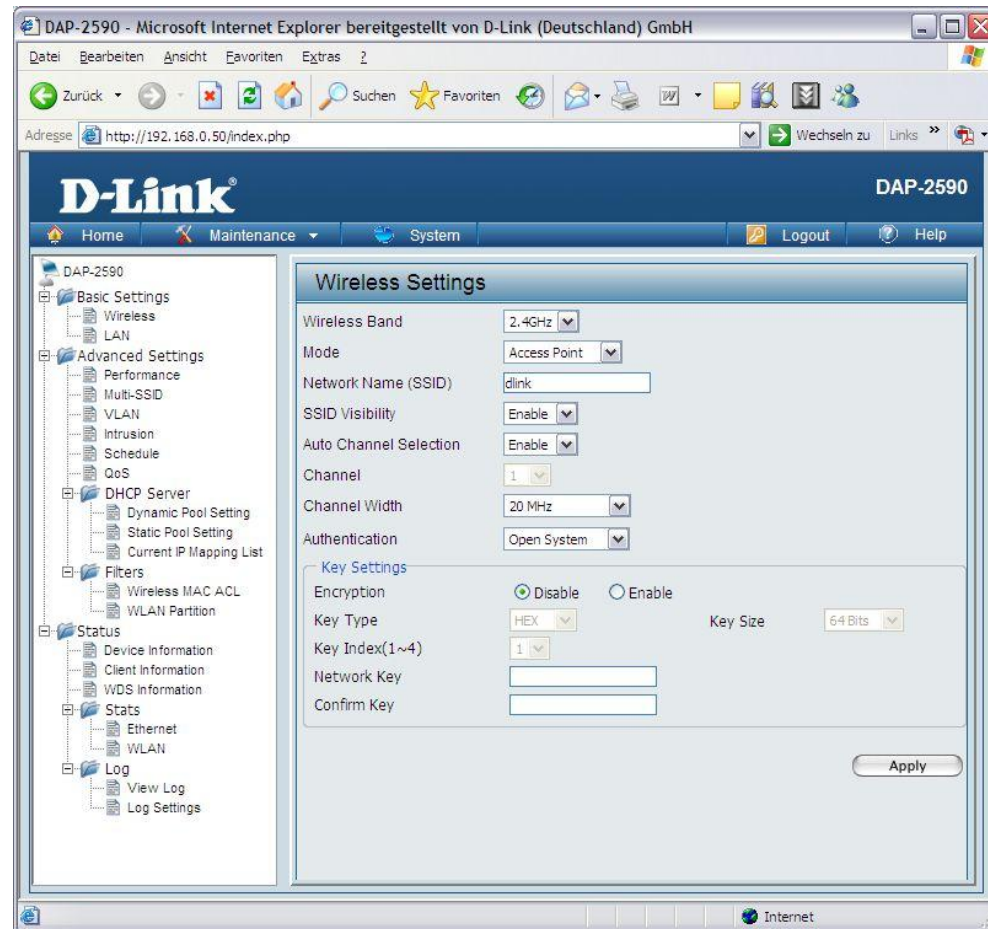
AP-Manager II

The screenshot displays the AP Manager II web interface. On the left, a tree view shows the 'All Space' hierarchy with folders for General, Group, Model, DAP-2553, Category1, Category2, Category3, MultiConfiguration, Fault Manager, Tool, Report, Association, Security, Utilization, Channel, Rogue AP, SysLog, Custom, and Monitor. The main area features a table with columns: IP Address, Model Name, Mac Address, NetMask, FW version, Location, Action, and Result. A context menu is open over the first row (IP: 192.168.0.50, Model: DAP-2553, Mac: 1CAFF7208555, NetMask: 255.255.255.0, FW version: 1.20). The menu options are: Discover, Delete, Refresh, Sign Rogue AP, Configuration (expanded to show Set IP, Update Config, Upgrade Firmware), Sort by, View, and Properties. The bottom status bar shows a log of events: [06/07/2010 14:35:28.687]The initialization complete, [06/07/2010 14:35:28.687]Syslog Server Start success, [06/07/2010 14:35:28.984]Snmp Trap receiver initialize successfully!, [06/07/2010 14:35:48.265]Discover Completed!, and [06/07/2010 14:36:12.296]Device: 192.168.0.50 SNMP Ping TimeOut! The system tray at the bottom shows the Start button, a taskbar with '3.PNG - Paint' and 'AP Manager II', and system icons for LogUser (admin) and the time 14:36.

IP Address	Model Name	Mac Address	NetMask	FW version	Location	Action	Result
192.168.0.50	DAP-2553	1CAFF7208555	255.255.255.0	1.20			

Eigenschaften Professional Access Points

- Betriebsmodi:
 - AP, WDS/Bridge, WDS mit AP, Wireless Client
- Multi SSID (bis zu 8)
- Management
 - HTTP, HTTPS, Telnet, SSH
 - AP Manager II, D-View, SNMP
- Sicherheit
 - 54/128 Bit WEP
 - WPA/WPA2 Personal & Enterprise
 - WPA2-PSK/AES über WDS
 - Client Isolation



Funktion: AP-Array

- › Definition des Master Access Points
- › Definition der Slave Access Points (Master + Slaves max. 8)
- › Einstellungen, die am Master vorgenommen werden, werden synchronisiert.

- › Synchronisiert werden:

- Wireless Settings
- Multiple SSID & VLAN
- Wi-Fi Schedule
- MAC Filter
- WLAN Partition
- DHCP Server
- Log Settings
- Time & Date
- Performance Settings
- All Administrator Settings

The screenshot shows the 'AP Array' configuration page. At the top, there is a title bar 'AP Array'. Below it, there is a checkbox 'Enable AP Array' which is unchecked. There are three radio buttons for role selection: 'Master', 'Backup Master', and 'Slave'. The 'Slave' radio button is selected. Below these are input fields for 'AP Array Name' (containing 'd-link') and 'AP Array Password'. There is a 'Scan AP Array List' section with a 'Scan' button. The 'Connection Status' is shown as 'Disconnect'. Below this is an 'AP Array List' table with columns: Array Name, Master IP, MAC, Master, Backup Master, Slave, and Total. The table is currently empty. At the bottom, there is a 'Current Members' section with a table with columns: Index, Role, IP Address, MAC Address, and Location. This table is also empty.

Synchronisiert werden

Wireless Basic Settings <input checked="" type="checkbox"/>			
Network Name (SSID)	<input checked="" type="checkbox"/>	SSID Visibility	<input checked="" type="checkbox"/>
Auto Channel Selection	<input checked="" type="checkbox"/>	Channel Width	<input checked="" type="checkbox"/>
Security	<input checked="" type="checkbox"/>	Band	<input checked="" type="checkbox"/>

Wireless Advanced Setting <input checked="" type="checkbox"/>			
Data Rate	<input checked="" type="checkbox"/>	Beacon Interval	<input checked="" type="checkbox"/>
DTIM Interval	<input checked="" type="checkbox"/>	Transmit Power	<input checked="" type="checkbox"/>
WMM (Wi-Fi Multimedia)	<input checked="" type="checkbox"/>	Ack Time Out	<input checked="" type="checkbox"/>
Short GI	<input checked="" type="checkbox"/>	IGMP Snooping	<input checked="" type="checkbox"/>
Link Integrity	<input checked="" type="checkbox"/>	Connection Limit	<input checked="" type="checkbox"/>
Wireless ACL	<input checked="" type="checkbox"/>		

Multiple SSID & VLAN <input checked="" type="checkbox"/>			
SSID	<input checked="" type="checkbox"/>	SSID Visibility	<input checked="" type="checkbox"/>
Security	<input checked="" type="checkbox"/>	WMM	<input checked="" type="checkbox"/>
VLAN	<input checked="" type="checkbox"/>		

Advanced Functions <input checked="" type="checkbox"/>			
Schedule Settings	<input checked="" type="checkbox"/>	QoS Settings	<input checked="" type="checkbox"/>
DHCP server Settings	<input checked="" type="checkbox"/>	Log Settings	<input checked="" type="checkbox"/>
Time and Date Settings	<input checked="" type="checkbox"/>		

Administration Settings <input checked="" type="checkbox"/>			
Limit Administrator	<input checked="" type="checkbox"/>	System Name Settings	<input checked="" type="checkbox"/>
Login Settings	<input checked="" type="checkbox"/>	Console Settings	<input checked="" type="checkbox"/>
SNMP Settings	<input checked="" type="checkbox"/>	Ping Control Setting	<input checked="" type="checkbox"/>

Funktion: Internal RADIUS

- › Integrierter RADIUS Server
- › Ermöglicht das Anlegen lokaler Benutzer
- › Clients können dadurch WPA/WPA2 -Enterprise einsetzen

Internal RADIUS Server




Add RADIUS Account

User Name

Password

Status

RADIUS Account list

User Name	Enable	Disable	Delete
Guest(Edit)	<input checked="" type="radio"/>	<input type="radio"/>	
user1(Edit)	<input checked="" type="radio"/>	<input type="radio"/>	
user2(Edit)	<input checked="" type="radio"/>	<input type="radio"/>	

Featureübersicht

Gerät	AP-Amanager II	AP-Array	Internal RADIUS
DAP-2690	√	√	√
DAP-2590	√	√	√
DAP-2553	√	√	x
DWL-8200AP	√	x	x
DWL-3200AP	√	x	x
DWL-3260AP	√	x	x
DAP-1353	√(B1)	x	x

Controller basierte Lösungen

- › DWS-3024L – Max. 24 AP's
- › DWS-3024- Max 48 AP's
- › DWS-4026
- › Clustermanagement, Wireless N (8600)
- › Ab August fw. 3.00 damit werden auch 3024L und 3034 Wireless N –fähig gemacht. D-Link hält damit seine Upgrade Zusage ein.
- › Bitte geben Sie mir kurz Rückmeldung, ob ein Webinar mit dem Thema Controller basierende WLAN Lösung für Sie von Interesse ist

