

D-Link
 Unified Controller - DWC 2000

 Logged in as: admin (ADMIN) [Logout](#)
 Serial Number: S3391E4000044 | Firmware Version: 4.3.0.3_ww | Language: English [US]

Wizard

Status | Wireless | Network | Security | Maintenance

Status » Dashboard ?

The Discovered APs, WLAN Statistics , Hardware Resources (CPU and memory utilization) and Packet Traffic through the controller is displayed for each interface.

Dashboard Manage Dashboard

Discovered APs

AP Type	Count
Standalone	52
Rogue	2
Auth. Failed	0
Unknown	0
Managed	1

Total Discovered APs: 55 Details

WLAN Statistics

Packets

Category	Count
Transmitted	235870
Received	147734
Transmit Dropped	0
Receive Dropped	0

Total WLAN Statistics: 383604 Details

CPU Utilization

User	Percentage
User	1%
Kernel	0%
Idle Time	99%
IOs	0%

Details

Memory Utilization

Category	Value
Used	446
Free	1381
Cached	84
Buffers	19

Total Memory: 1930 MB Details

Traffic Information Clear Statistics

Traffic	WLAN [Packets]	WLAN [Bytes]	LAN
Incoming	147734	17947892	34468
Outgoing	235870	215069475	12229
Dropped Incoming	0	0	0
Dropped Outgoing	0	0	0

Wizards



Controller / Device Wizard

This wizard will guide you through common configuration tasks such as changing the Password, LAN, WLAN and Timezone.

Run...

WLAN Wizard

This wizard will guide you in configuration common tasks for Wireless Controller such as Global, Radio and VAP Configuration.

Run...

Users Wizard

This Wizard guides you in creating a new user.

Run...

Date and Time Wizard

This Wizard helps you in configuring Date and Time settings.

Run...

LAN Wizard

This Wizard helps in configuring LAN Settings.

Run...

Discovered Aps Details



Total APs	1
Managed APs	1
Standalone APs	0
Rogue APs	2
Discovered APs	0
Connection Failed APs	0
Authentication Failed APs	0
Unknown APs	55

Manage Dashboard



Discovered APs



WLAN Statistics



CPU Utilization



Memory Utilization



Save

WLAN Statistics Details



Packets Received	253112
Bytes Received	27662573
Packets Transmitted	399105
Bytes Transmitted	412736542
Packets Receive Dropped	0
Bytes Receive Dropped	0
Packets Transmit Dropped	0
Bytes Transmit Dropped	0

CPU Utilization Details



CPU usage by user	1 %
CPU usage by kernel	0 %
CPU idle	99 %
CPU waiting for IO	0 %

Memory Utilization Details



Total Memory	1827 MB
Used Memory	445 MB
Free Memory	1382 MB
Cached Memory	84 MB
Buffer Memory	19 MB

Navigation menu: [Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Dashboard » Dashboard

The Discovered A each interface.

Dashboard

- Dashboard
- System Information
 - Device
 - All Logs
 - USB Status
- Network Information
 - DHCP Clients
 - Captive Portal Sessions
 - Interfaces
 - Link Aggregation
- Wireless Information
 - Controller Status
 - Access Point
 - Associated Clients
 - Clustering
 - WDS Groups Status

the controller is displayed for

[Manage Dashboard](#)

All of your Internet and network connection details are displayed on the Device Status page. The firmware version and hardware serial number is also displayed here.

Device Info

General

System Name	DWC-2000
Firmware Version	4.3.0.3_WW
Hardware Version	A1
WLAN Module Version	4.2.0.1
Serial Number	S3391E4000044
License Information	None
MAC Address	70:62:88:9B:97:B2

Port Information

Description	LAN 1	LAN 2	LAN 3	LAN 4
IPv4 Address	192.168.10.20 / 255.255.255.0	192.168.10.20 / 255.255.255.0	192.168.10.20 / 255.255.255.0	192.168.10.20 / 255.255.255.0
IPv6 Address				
DHCP Server	Disabled	Disabled	Disabled	Disabled
DHCP Relay	Disabled	Disabled	Disabled	Disabled

This page displays the captured log messages of the controller activities.

Current Logs

Show entries [\[This information is view only\]](#)

Logs ↑
No data available in table

Showing 0 to 0 of 0 entries [First](#) [Previous](#) [Next](#) [Last](#)

[Clear All](#) [Send Logs](#)

This page displays the captured log messages of the controller activities on WLAN interface.

Current WLAN Logs

Show entries [\[This information is view only\]](#)

Logs ↑
No data available in table

Showing 0 to 0 of 0 entries [First](#) [Previous](#) [Next](#) [Last](#)

[Clear All](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

[Status](#) » [System Information](#) » [All Logs](#) » [LAN Logs](#)

[Current Logs](#) | [WLAN Logs](#) | [LAN Logs](#)

This page displays the captured log messages of the controller activities on LAN interface.

Current LAN Logs

Show entries [This information is view only]

Logs

No data available in table

Showing 0 to 0 of 0 entries

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

[Status](#) » [System Information](#) » [USB Status](#)

This page displays information about the USB devices connected to the USB port(s).this page will update dynamically to show the status of the USB devices connected to the controller.

USB(s) Status

Description	USB Port 1	USB Port 2
Status	connected	disconnected
Vendor		NA
Model	USB_DISK	NA
Type	storage	NA
Mount Status	1	NA

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

[Status](#) » [Network Information](#) » [DHCP Clients](#) » [LAN Leased Clients](#)

[LAN Leased Clients](#) | [IPv6 Leased Clients](#)

This table displays the list of DHCP clients connected to the LAN DHCP Server and to whom DHCP Server has given leases.If the LAN is serving DHCP addresses, this table will show the list of DHCP clients for the controller's LAN DHCP server.

LAN Leased Clients List

Show entries [This information is view only]

Host Name	IP Address	MAC Address
No data available in table		

Showing 0 to 0 of 0 entries

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

[Status](#) » [Network Information](#) » [DHCP Clients](#) » [IPv6 Leased Clients](#)

[LAN Leased Clients](#) | [IPv6 Leased Clients](#)

This table displays the list of DHCPv6 clients connected to the LAN DHCPv6 Server and to whom DHCPv6 Server has given leases.If the LAN is serving DHCPv6 addresses, this table will show the list of DHCPv6 clients for the controller's LAN DHCPv6 server.

IPv6 Leased Clients List

Show entries [This information is view only]

Host Name	IP Address	MAC Address
No data available in table		

Showing 0 to 0 of 0 entries

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Network Information » Captive Portal Sessions

Use this page to monitor the runtime authentication sessions that are active on your controller.

Captive Portal Sessions List

Show entries [Right click row to see more options]

User Name	IP Address
No data available in table	

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Network Information » Interfaces

The profiled and packet traffic through the controller is displayed for each interface..

Interfaces

LAN info

Description	LAN 1	LAN 2	LAN 3	LAN 4
Incoming Packets / Bytes	44199 / 15MB	---	---	---
Outgoing Packets / Bytes	16790 / 21MB	---	---	---
Dropped In Packets / Bytes	0 / 0B	---	---	---
Dropped Out Packets / Bytes	0 / 0B	---	---	---

VLAN info

Show entries [This information is view only]

VLAN	Incoming [Packets / Bytes]	Outgoing [Packets / Bytes]	Dropped In [Packets / Bytes]	Dropped Out [Packets / Bytes]
No data available in table				

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

WLAN info

Data Information	Packets / Bytes
Transmitted	409011 / 6B
Received	259704 / 5B
Transmit Dropped	0 / 8B
Receive Dropped	0 / 7B

Active Info

Description	Count
ICMP Received	10
Available VLANs	1
Active Interfaces	1

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Network Information » Link Aggregation

Link Aggregation Status

Show entries [This information is view only]

Name	Static Mode	Administrative Mode	Link State	Member Ports
No data available in table				

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

The information on the Global page shows status and statistics about the Controller .

Controller Status

WLAN Controller Operational Status	Enabled
IP Address	192.168.10.20
Peer Controllers	0
Cluster Controller	Yes
Cluster Controller IP Address	192.168.10.20

The table lists all the available Controller Associated Clients in the system.

Controller Associated Clients List

Show entries [This information is view only]

Controller IP Address	Client MAC Address
192.168.10.20	[REDACTED]
192.168.10.20	[REDACTED]
192.168.10.20	[REDACTED]

Showing 1 to 3 of 3 entries First Previous 1 Next Last

This page shows information about all the distributed tunnel clients.

Distributed Tunneling Status [Clear Statistics](#)

Tunnel Packets Transmitted	0
Tunnel Roamed Clients	0
Tunnel Clients	0
Tunnel Client Denials	0

The Peer Controller receive Status page displays information about the configuration sent by a peer Controller in the cluster.

Peer Controller Receive Status

Configuration Receive Status	
Current Receive Status	Not Started
Last Configuration Received	
Peer Controller IP Address	0.0.0.0
Configuration	None
Time Stamp	Jan 1 00:00:00 1970

The Peer Controller Configuration Status page displays information about the configuration sent by a peer Controller in the cluster.

Peer Controller Configuration Status

Show 10 entries [This information is view only]

Peer IP Address	Configuration IP Address	Configuration	Timestamp
No data available in table			

Showing 0 to 0 of 0 entries First Previous Next Last

Refresh

The information on the Global page shows status and statistics about the Controller and all of the objects associated with it. The Unified Wireless Controller periodically collects information from the APs it manages and from associated peer controllers

APs Global Status

Total APs	1
Managed APs	1
Standalone APs	0
Rogue APs	2
Discovered APs	0
Connection Failed APs	0
Authentication Failed APs	0
Unknown APs	56
Rogue AP Mitigation Limit	128
Rogue AP Mitigation Count	0
Maximum Managed APs in Peer Group	1024
WLAN Utilization	20%

The All AP Summary page shows summary information about managed, failed, and rogue access points the controller has discovered or detected.

All APs List

Show 10 entries

[This information is view only]

MAC Address	IP Address	Age	Status	Radio	Channel
[Redacted]	N/A	6h:28m:3s	Unknown	802.11b/g	1
[Redacted]	N/A	6h:26m:33s	Unknown	802.11b/g	4
[Redacted]	N/A	6h:23m:2s	Unknown	802.11b/g	4
[Redacted]	N/A	5h:35m:4s	Unknown	802.11a	48
[Redacted]	N/A	5h:35m:4s	Unknown	802.11a	48
[Redacted]	N/A	6h:15m:2s	Rogue	802.11b/g	11
[Redacted]	N/A	6h:28m:3s	Unknown	802.11b/g	1
[Redacted]	N/A	4h:5m:50s	Unknown	802.11b/g	6
[Redacted]	N/A	6h:33m:4s	Unknown	802.11b/g	1
[Redacted]	N/A	1h:28m:48s	Unknown	802.11b/g	11

Showing 1 to 10 of 59 entries

We can see all the details related to a managed AP here. We can perform action like reset, disassociate clients connected with selected AP.

Managed APs List

Show 10 entries

[Right click row to see more options]

Model Name	Firmware Version	MAC Address	IP Address	Location	Status	Configuration Status
dwl6600ap	4.2.0.9_B004	90:94:E4:9D:16:C0	192.168.10.102	tech room	Managed	Success

Showing 1 to 1 of 1 entries

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » Access Point » Peer Managed

[Global Status](#) | [All APs](#) | [Managed](#) | **[Peer Managed](#)** | [Authentication Failed](#) | [RF Scan](#) | [De-Authentication Attacks](#) | [Hardware Capability](#)

The Peer Controller Managed AP Status page displays information about the APs that each peer Controller in the cluster manages. Use the menu above the table to select the peer Controller with the AP information to display. Each peer Controller is identified by its IP address.

Peer Controller Managed APs List

Show entries [This information is view only]

MAC Address	AP IP Address	PEER IP Address	Location	Profile	Hardware ID
No data available in table					

Showing 0 to 0 of 0 entries [First](#) [Previous](#) [Next](#) [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » Access Point » Authentication Failed

[Global Status](#) | [All APs](#) | [Managed](#) | [Peer Managed](#) | **[Authentication Failed](#)** | [RF Scan](#) | [De-Authentication Attacks](#) | [Hardware Capability](#)

The AP authentication failure list shows information about APs that failed to establish communication with the Unified Wireless Controller. An AP might fail to associate to the controller due to errors such as invalid packet format or vendor ID, or because the AP is not configured as a valid AP with the correct local or RADIUS authentication information.

Authentication Failed APs List

Show entries [Right click row to see more options]

MAC Address	IP Address	Last Failure Type	Age
No data available in table			

Showing 0 to 0 of 0 entries [First](#) [Previous](#) [Next](#) [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » Access Point » RF Scan

[Global Status](#) | [All APs](#) | [Managed](#) | [Peer Managed](#) | [Authentication Failed](#) | **[RF Scan](#)** | [De-Authentication Attacks](#) | [Hardware Capability](#)

Through AP RF Scan Status page, you can view information about all APs detected via RF scan, including those reported as Rogues. The radios on each AP can periodically scan the radio frequency to collect information about other APs and wireless clients that are within range. In normal operating mode the AP always scans on the operational channel for the radio.

RF Scan APs List

Show entries [Right click row to see more options]

MAC Address	SSID	Physical Mode	Channel	Age	Status
00:04:ED:00:42:B9	telum-g	802.11b/g	1	0d:00:00:22	Unknown
00:10:18:AD:62:C0	DlinkDlink	802.11b/g	4	0d:00:08:52	Unknown
00:10:18:AD:62:C1	Dlink-Guest	802.11b/g	4	0d:00:09:52	Unknown
00:10:18:AD:62:D0	DlinkDlink5G	802.11a	48	0d:05:37:48	Unknown
00:10:18:AD:62:D1	Dlink-Guest	802.11a	48	0d:05:37:48	Unknown
00:19:5B:EC:F0:8A		802.11b/g	11	0d:00:02:52	Rogue
00:22:80:49:33:B8	GAMMAWPA	802.11b/g	1	0d:00:00:22	Unknown
00:24:1D:93:5D:BD	Spectris_NSW	802.11b/g	6	0d:00:23:52	Unknown
00:60:64:67:CC:A1	au0007	802.11b/g	1	0d:00:00:22	Unknown
08:CC:68:CC:33:F2	KD_DEV	802.11b/g	11	0d:00:01:51	Unknown

Showing 1 to 10 of 58 entries [First](#) [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#) [Last](#)



Please enable de-authentication attack

- Global Status All APs Managed Peer Managed Authentication Failed RF Scan De-Authentication Attacks Hardware Capability

The AP De-Authentication Attack Status page contains information about rogue APs that the Cluster Controller has attacked by using the de-authentication attack feature. This feature is disabled by default. The wireless controller can protect against rogue APs by sending de-authentication messages to the rogue AP. The de-authentication attack feature must be globally enabled in order for the wireless system to do this function. Make sure that no legitimate APs are classified as rogues before enabling the attack feature.

De-Authentication Attacks List

Show 10 entries [This information is view only]

Table header with columns: BSSID, Channel, Time Since Attack Started, RF Scan Report Age

No data available in table

Showing 0 to 0 of 0 entries [Navigation buttons: First, Previous, Next, Last]

From the AP Hardware Capability page, you can access summary information about the AP Hardware support, the radios and IEEE modes supported by the hardware, and the software images that are available for download to the APs.

List Of Hardware Capabilities Supported by APs

Show 10 entries [Right click row to see more options]

Hardware Type	Hardware Type Description	Radio Count	Image Type
hw_dwl2600	DWL-2600AP Single Radio b/g/n	1	img_dwl2600
hw_dwl3600	DWL-3600AP Single Radio b/g/n	1	img_dwl3600/6600
hw_dwl6600	DWL-6600AP Dual Radio a/b/g/n	2	img_dwl3600/6600
hw_dwl8600	DWL-8600AP Dual Radio a/b/g/n	2	img_dwl8600
hw_dwl8610	DWL-8610AP Dual Radio a/b/g/n/ac	2	img_dwl8610

Showing 1 to 5 of 5 entries

[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

This page shows information about all the clients which are connected through our managed AP.

Associated Clients Global Status

Total Clients	3
Authenticated Clients	3
802.11a Clients	0
802.11b/g Clients	0
802.11n Clients	3
802.11ac Clients	0
Max Associated Clients	16000
Detected Clients	796
Max Detected Clients	32000
Max Pre-auth History Entries	2000
Total Pre-auth History Entries	0
Max Roam History Entries	2000
Total Roam History Entries	0

You can view a variety of information about the wireless clients that are associated with the APs the controller manages.

WLAN Associated Clients List

Show 10 entries [Right click row to see more options]

Client MAC Address	Client IP Address	SSID	BSSID	AP MAC Address
.....	192.168.10.103	dwc2000	90:94:E4:9D:16:C0	90:94:E4:9D:16:C0
.....	192.168.10.105	dwc2000	90:94:E4:9D:16:D0	90:94:E4:9D:16:C0

Showing 1 to 2 of 2 entries

[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » Associated Clients » Ad Hoc Clients

[Global Status](#) | [Associated Client](#) | **[Ad Hoc Clients](#)** | [Detected Clients](#)

This page shows information of AD-HOC clients.

WLAN Associated Ad Hoc Clients List

Show 10 entries [Right click row to see more options]

MAC Address	AP MAC Address	Location	Radio	Detection Mode	Age
No data available in table					

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » Associated Clients » Detected Clients

[Global Status](#) | [Associated Client](#) | [Ad Hoc Clients](#) | **[Detected Clients](#)**

The Detected Client Status page contains information about clients that have authenticated with an AP as well information about clients that disassociate and are no longer connected to the system.

WLAN Associated Detected Clients List

Show 10 entries [Right click row to see more options]

MAC Address	Client Name	Client Status	Age	Create Time
[REDACTED]		Detected	0d:01:45:58	0d:01:45:58
[REDACTED]		Detected	0d:01:30:28	0d:01:30:28
[REDACTED]		Detected	0d:03:26:23	0d:03:26:23
[REDACTED]		Detected	0d:02:02:33	0d:02:03:38
[REDACTED]		Detected	0d:04:48:00	0d:04:48:35
[REDACTED]		Detected	0d:04:39:01	0d:04:39:01
[REDACTED]		Detected	0d:03:52:30	0d:03:53:31
[REDACTED]		Detected	0d:05:21:39	0d:05:21:39
[REDACTED]		Detected	0d:03:20:23	0d:03:20:23
[REDACTED]		Detected	0d:06:22:11	0d:06:22:11

Showing 1 to 10 of 798 entries

[First](#) | [Previous](#) | 1 | 2 | 3 | 4 | 5 | [Next](#) | [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » Clustering

This page provides information about other Unified Wireless Controllers in the network. Peer wireless Controllers within the same cluster exchange data about themselves, their managed APs, and clients. The Controller maintains a database with this data so you can view information about a peer, such as its IP address and software version. If the Controller loses contact with a peer, all of the data for that peer is deleted.

Peer Controller & Clustering Info

Peer Controller Status

Cluster Controller IP Address: 192.168.10.20

Peer Controllers: 0

Peer Controllers List

Show 10 entries [This information is view only]

IP Address	Vendor ID	Software Version	Protocol Version	Discovery Reason	Managed AP Count	Age
No data available in table						

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » WDS Groups Status

[WDS Groups Status](#) | [WDS Group AP Status](#) | [WDS AP Status](#) | [WDS Link Status](#) | [WDS Link Statistics](#)

This page displays summary information about configured WDS links.

WDS Groups Status

Show 10 entries [This information is view only]

ID	Configured AP Count	Connected Root AP	Connected Satellite AP	Configured WDS Link Count	Detected WDS Links Count
No data available in table					

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » WDS Groups Status » WDS Group AP Status

[WDS Groups Status](#) | [WDS Group AP Status](#) | [WDS AP Status](#) | [WDS Link Status](#) | [WDS Link Statistics](#)

This page displays detailed information about the configured APs and links in the WDS Group.

WDS AP Status

NO WDS GROUP EXISTS

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » WDS Groups Status » WDS AP Status

[WDS Groups Status](#) | [WDS Group AP Status](#) | [WDS AP Status](#) | [WDS Link Status](#) | [WDS Link Statistics](#)

This page displays summary information about the APs in a configured WDS Group.

WDS AP Status Summary

WDS Group Id: No Record

Show 10 entries [This information is view only]

AP MAC Address	AP Connection Status	Satellite Mode	STP Root Mode	Root Path Cost	Ethernet Port STP State	Ethernet Port Mode	Ethernet Port Link State
No data available in table							

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » WDS Groups Status » WDS Link Status

[WDS Groups Status](#) | [WDS Group AP Status](#) | [WDS AP Status](#) | [WDS Link Status](#) | [WDS Link Statistics](#)

This page displays summary information about the link configuration and link state in a WDS Group.

WDS Link Status

Show 10 entries [This information is view only]

ID	Source AP MAC	Source AP Radio	Destination AP MAC	Destination AP Radio	Source AP End-Point	Destination AP End-Point	Aggregation Mode	Source AP STP	Destination AP STP
No data available in table									

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Status » Wireless Information » WDS Groups Status » WDS Link Statistics

[WDS Groups Status](#) | [WDS Group AP Status](#) | [WDS AP Status](#) | [WDS Link Status](#) | **WDS Link Statistics**

This Page displays summary information about the packets sent and received on the WDS links.

WDS Link Statistics

Show entries [This information is view only]

ID	Source AP MAC	Source Radio	Destination AP MAC	Destination Radio	Source AP Packets / Bytes Sent	Source AP Packets / Bytes Received	Destination AP Packets / Bytes Sent	Destination AP Packets / Bytes Received
No data available in table								

Showing 0 to 0 of 0 entries

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » General

This page will guide you through common and easy steps to configure your DWC-2000 controller WLAN global settings. Make sure that WLAN controller is being enabled for working of wireless functionality.

General Setting

WLAN Global Setup

IP Address

Peer Group ID

General

- General
- Channel Algorithm
- Power Algorithm
- WIDS
- Distributed Tunnels
- WLAN Visualization
- WLAN Visualization
- Image

Access Point

- Discovered AP List
- Managed APs List
- AP Poll List
- AP Profile
- SSID Profiles
- WDS Groups

Peer Group

- Peer Configuration
- Peer Status

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » General

This page will guide you through common and easy steps to configure your DWC-2000 controller WLAN global settings. Make sure that WLAN controller is being enabled for working of wireless functionality.

General Setting

WLAN Global Setup

IP Address: 192.168.10.20

Peer Group ID: [Default: 1, Range: 1 - 255]

Client Roam Timeout: [Range: 1 - 120] Seconds

Ad Hoc Client Status Timeout: [Range: 0 - 168] Hours

AP Failure Status Timeout: [Range: 0 - 168] Hours

Client MAC Authentication Mode: White-list Black-list

RF Scan Status Timeout: [Range: 0 - 168] Hours

Detected Clients Status Timeout: [Range: 0 - 168] Hours

Tunnel IP MTU Size: 1500 1520

Cluster Priority: [Range: 0 - 255]

AP Client QoS: OFF

AP Validation

AP MAC Validation: Local Radius

Require Authentication Passphrase: OFF

Manage AP with Previous Release Code: OFF

Country Configuration

Country Code:

Wireless » General » Channel Algorithm » Channel Algorithm 5 GHz

Channel Setting Manual Channel Plan Channel Plan History

Through this page we can configure AP frequency related parameters for 5 GHz radio channel.

5 GHz 2.4 GHz

RF Channel 5 GHz Settings

Radio: 5 GHz (802.11 a/n/ac)

Channel Plan Mode: Manual Interval Fixed Time

Ignore Unmanaged Aps: ON

Channel Change Threshold: [Default: -82, Range: -99 to -1]

Managed AP CH Conflict Threshold: [Default: -56, Range: -99 to -1]

Save Cancel

Wireless » General » Channel Algorithm » Channel Algorithm 2.4 GHz

Channel Setting Manual Channel Plan Channel Plan History

Through this page we can configure AP frequency related parameters for 2.4 GHz radio channel.

5 GHz 2.4 GHz

RF Channel 2.4 GHz Settings

Radio: 2.4 GHz (802.11 b/g/n)

Channel Plan Mode: Manual Interval Fixed Time

Ignore Unmanaged Aps: ON

Channel Change Threshold: [Default: -82, Range: -99 to -1]

Managed AP CH Conflict Threshold: [Default: -56, Range: -99 to -1]

Save Cancel

Wireless » General » Channel Algorithm » Manual Channel 5 GHz

Channel Setting Manual Channel Plan Channel Plan History

If we specify Manual as the Channel Plan Mode on the Channel Setting tab, 5 GHz Manual Channel Plan page allows us to initiate the channel plan algorithm for 5 GHz radio.

5 GHz 2.4 GHz

Manual Channel Plan 5 GHz

Channel Plan Algorithm: None

Current Status: None

Proposed Channel Assignments

Show 10 entries [This information is view only]

AP MAC Address	Location	Current Channel	New Channel
No data available in table			

Showing 0 to 0 of 0 entries

start

Wireless » General » Channel Algorithm » Manual Channel 2.4 GHz

Channel Setting Manual Channel Plan Channel Plan History

If we specify Manual as the Channel Plan Mode on the Channel Setting tab, 2.4 GHz Manual Channel Plan page allows us to initiate the channel plan algorithm for 2.4 GHz radio.

5 GHz 2.4 GHz

Manual Channel Plan 2.4 GHz

Channel Plan Algorithm
Current Status None

Proposed Channel Assignments

Show 10 entries [This information is view only]

AP MAC Address	Location	Current Channel	New Channel
No data available in table			

Showing 0 to 0 of 0 entries

start

Wireless » General » Channel Algorithm » Channel Plan History 5 GHz

Channel Setting Manual Channel Plan Channel Plan History

The Unified Wireless Controller stores 5 GHz channel assignment information for the APs it manages.

5 GHz 2.4 GHz

Channel Plan History 5 GHz

Operational Status Inactive

Wireless » General » Channel Algorithm » Channel Plan History 2.4 GHz

Channel Setting Manual Channel Plan Channel Plan History

The Unified Wireless Controller stores 2.4 GHz channel assignment information for the APs it manages.

5 GHz 2.4 GHz

Channel Plan History 2.4 GHz

Operational Status Inactive

Wireless » General » Power Algorithm

Power Setting Manual Power Adjustments

Through this page we can configure AP radio Power Adjustment related parameters.

Power Setting

Power Adjustment Mode Manual Auto

Power Threshold (dBm) [Default: -85, Range: -99 to -1] dBm

Save Cancel

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » General » Power Algorithm » Manual Power Adjustments

[Power Setting](#) | [Manual Power Adjustments](#)

Through this page we can manually initiate the power adjustment algorithm, if we have configured Power Adjustment Mode as manual in Power Setting tab.

Manual Power Adjustments

Manual Power Adjustments

Current Status: None

Manual Power Adjustments List

Show 10 entries [This information is view only]

AP MAC Address	Location	Radio	Current Power	New Power
No data available in table				

Showing 0 to 0 of 0 entries

[Apply](#) | [Clear](#) | [Start](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » General » WIDS » AP WIDS Security

[AP WIDS Security](#) | [AP WIDS Client Security](#)

Through this page we can activate or deactivate various threat detection tests and set threat detection thresholds in order to help detect rogue APs on the wireless network. These changes can be done without disrupting network connectivity. Since some of the work is done by access points, the controller needs to send messages to the APs to modify its WIDS operational properties.

AP WIDS Security

Administrator Configured Rogue AP: Enabled

Managed SSID from an Unknown AP: ON

Managed SSID from a Fake Managed AP: ON

AP without a SSID: ON

Fake Managed AP on an Invalid Channel: ON

Managed SSID Detected with Incorrect Security: ON

Invalid SSID from a Managed AP: ON

AP is Operating on an Illegal Channel: ON

Standalone AP with Unexpected Configuration: ON

Unexpected WDS Device Detected on Network: ON

Unmanaged AP Detected on Wired Network: ON

Rogue Detected Trap Interval: [Range: 60 - 3600, 0 - Disable] Seconds

Wired Network Detection Interval: [Range: 1 - 3600, 0 - Disable] Seconds

AP De-Authentication Attack: OFF

[Save](#) | [Cancel](#)



AP WIDS Security
AP WIDS Client Security

The settings we configure on the WIDS Client Configuration page help determine whether a detected client is classified as a rogue. Clients classified as rogues are considered to be a threat to network security.

AP WIDS Client Security

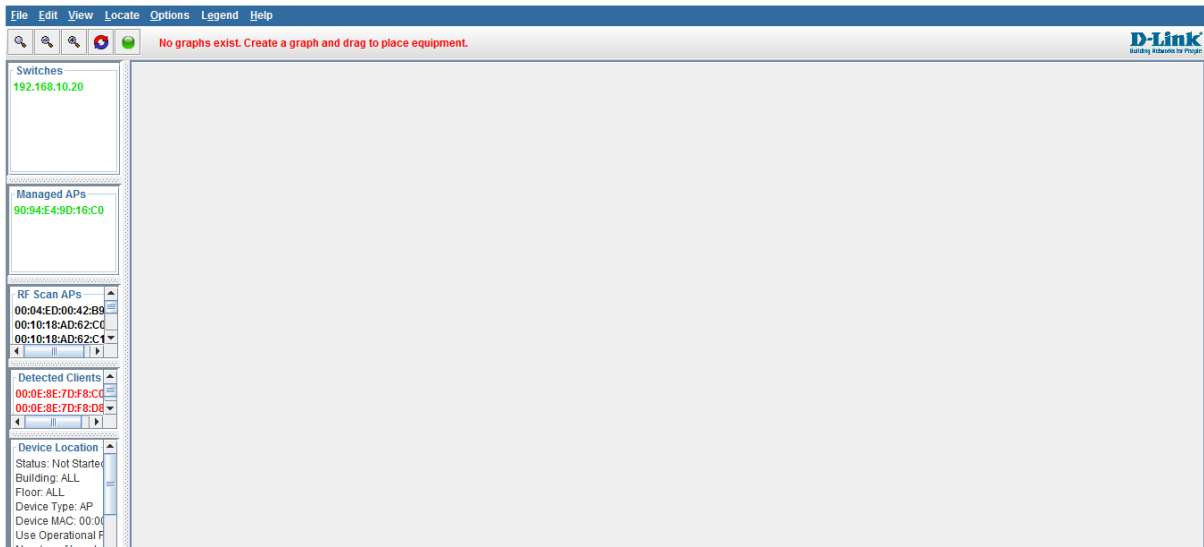
Not Present in OUI Database Test	<input type="checkbox"/>	OFF
Not Present in Known Client Database Test	<input type="checkbox"/>	OFF
Configured Authentication Rate Test	<input checked="" type="checkbox"/>	ON
Configured Probe Requests Rate Test	<input checked="" type="checkbox"/>	ON
Configured De-Authentication Requests Rate Test	<input checked="" type="checkbox"/>	ON
Maximum Authentication Failures Test	<input checked="" type="checkbox"/>	ON
Authentication with Unknown AP Test	<input type="checkbox"/>	OFF
Client Threat Mitigation	<input type="checkbox"/>	OFF
MAC Authentication Database Lookup Method	<input checked="" type="checkbox"/>	ON
MAC Authentication Database Radius Server Name	<input type="text" value="Default-RADIUS-Server"/>	
Rogue Detected Trap Interval	<input type="text" value="300"/>	[Range: 60 - 3600, 0 - Disable] Seconds
De-Authentication Requests Threshold Interval	<input type="text" value="60"/>	[Range: 1 - 3600] Seconds
De-Authentication Requests Threshold Value	<input type="text" value="10"/>	[Range: 1 - 99999]
Authentication Requests Threshold Interval	<input type="text" value="60"/>	[Range: 1 - 3600] Seconds
Authentication Requests Threshold Value	<input type="text" value="10"/>	[Range: 1 - 99999]
Probe Requests Threshold Interval	<input type="text" value="60"/>	[Range: 1 - 3600] Seconds
Probe Requests Threshold Value	<input type="text" value="120"/>	[Range: 1 - 99999]
Authentication Failure Threshold Value	<input type="text" value="5"/>	[Range: 1 - 99999]



The Distributed Tunneling mode, also known as AP-AP tunneling mode, is used to support L3 roaming for wireless clients without forwarding any data traffic to the wireless controller.

Distributed Tunnels

Distributed Tunnel Clients	<input type="text" value="128"/>	[Default: 128, Range: 1 - 8000]
Distributed Tunnel Idle Timeout	<input type="text" value="120"/>	[Default: 120, Range: 30 - 3600]
Distributed Tunnel Timeout	<input type="text" value="7200"/>	[Default: 7200, Range: 30 - 86400]
Distributed Tunnel Max Multicast Replications Allowed	<input type="text" value="128"/>	[Default: 128, Range: 1 - 1024]



[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » General » WLAN Visualization Image

By default, the WLAN Visualization graph does not have a background image. We can upload one or more images, such as your office floor plan, to provide a site context and site related information.

Upload WLAN Visualization Image

Image file selection No file chosen

WLAN Visualization Images

Show 10 entries [Right click row to see more options]

File Name	File Size
No data available in table	

Showing 0 to 0 of 0 entries

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » Access Point » Discovered AP List

This page shows summary information about managed, failed, and rogue access points the controller has discovered or detected. We can Delete, Manage, Acknowledge and View details of all APs here.

Discovered AP List

Show 10 entries [Right click row to see more options]

MAC Address	IP Address	Last State	Age	Radio	Channel
00:00:00:00:00:00	N/A	Unknown	0h:58m:32s	802.11b/g	1
00:00:00:00:00:00	N/A	Unknown	0h:57m:2s	802.11b/g	4
00:00:00:00:00:01	N/A	Unknown	0h:53m:31s	802.11b/g	4
00:00:00:00:00:20	N/A	Unknown	0h:5m:33s	802.11a	48
00:00:00:00:00:11	N/A	Unknown	0h:5m:33s	802.11a	48
00:00:00:00:00:02	N/A	Unknown	0h:52m:32s	802.11b/g	4
00:00:00:00:00:03	N/A	Rogue	0h:45m:31s	802.11b/g	11
00:00:00:00:00:06	N/A	Rogue	11h:21m:2s	802.11b/g	6
00:00:00:00:00:08	N/A	Unknown	0h:58m:32s	802.11b/g	1
00:00:00:00:00:09	N/A	Unknown	22h:36m:19s	802.11b/g	6

Showing 1 to 10 of 86 entries

Wireless » Access Point » Discovered AP List

This page shows summary information about managed, failed, and rogue access points the controller has discovered or detected. We can Delete, Manage, Acknowledge and View details of all APs here.

Discovered AP List

Show 10 entries [Right click row to see more options]

MAC Address	IP Address	Last State	Age	Radio	Channel
[redacted]	[redacted]	Unknown	0h:58m:32s	802.11b/g	1
[redacted]	[redacted]	Unknown	0h:57m:2s	802.11b/g	4
[redacted]	[redacted]	Unknown	0h:53m:31s	802.11b/g	4
[redacted]	[redacted]	Unknown	0h:5m:33s	802.11a	48
[redacted]	[redacted]	Unknown	0h:5m:33s	802.11a	48

- Select All
- Manage
- View Details
- Delete All

Wireless » Access Point » Managed APs List » Valid APs

Valid APs Managed APs AP Provisioning

This page contains information about APs configured in the local database.

Valid APs List

Show 10 entries [Right click row to see more options]

MAC Address	Location	AP Mode	Profile
[redacted]	tech room	Managed	2-testprofile

Showing 1 to 1 of 1 entries

First Previous 1 Next Last

Add New Valid AP

- Select All
- Edit
- Delete

Wireless » Access Point » Managed APs List » Managed APs

Valid APs Managed APs AP Provisioning

AP managed by the Wireless Controller is listed by its MAC address and location. When the AP is in Managed mode, remote access to the AP is disabled. However, we can enable Telnet access by enabling the Debug feature. We can also manually change the RF channel and power for each radio on an AP.

Managed APs List

Show 10 entries [Right click row to see more options]

MAC Address	Radio	Channel	Power %	Location	Debug
[redacted]	1 - 802.11a/n	132	100	tech room	Disable
[redacted]	1	1	100	tech room	Disable

Showing 1 to 2 of 2 entries

First Previous 1 Next Last

- Channel and Power
- AP Debug

Wireless » Access Point » Managed APs List » AP Provisioning

Valid APs Managed APs **AP Provisioning**

This page shows information about all provisioned APs. It will show data only when the controller is configured as the Cluster Controller. The AP Provisioning feature helps us to add new APs to an existing controller cluster. With AP Provisioning, we can configure the access points with parameters that are needed to connect to the wireless network.

AP Provisioning Status List

Show 10 entries [Right click row to see more options]

MAC Address	IP Address	Primary IP	Backup IP	New IP	New Backup IP	Status
...	192.168.10.102	0.0.0.0	0.0.0.0	0.0.0.0	0.0.0.0	Not Started

Showing 1 to 1 of 1 entries

- Select All
- Edit
- AP Provision
- Delete

Wireless » Access Point » AP Poll List » IP Discovery

IP Discovery VLANs Discovery

This page contain all the information about IP Address which can be configured for peer controllers. The IP Discovery list can contain the IP addresses of peer controller and APs for the controller to discover and associate with as part of the WLAN.

IP Discovery

Pool List Discovery Setup
L3 / IP Discovery

ON

Save Cancel

IP Discovered List

Show 10 entries [Right click row to see more options]

IP Address	Status
No data available in table	

Showing 0 to 0 of 0 entries

Add New IP Addresses to Poll

Wireless » Access Point » AP Poll List » VLANs Discovery

IP Discovery **VLANs Discovery**

This page contain all the information about Vlan value which can be configured for peer controllers.

VLANs Discovery

Pool List Discovery Setup
L2 / VLAN Discovery

ON

Save Cancel

VLANs Discovered List

Show 10 entries [Right click row to see more options]

VLAN ID	VLAN Name
1	Default

Showing 1 to 1 of 1 entries

- Select All
- Delete

Add New VLAN to Poll

Wireless » Access Point » AP Profile

AP Profiles | AP Profile Radio | AP Profile SSID | AP Profile QoS

From this page, we can create, copy and delete AP profiles. Up to 16 AP profiles can be created on the Unified Wireless Controller.

Access Point Profile List

Show 10 entries [Right click row to see more options]

AP Profile Name	Profile Status	Hardware Type	Wired Network Discovery VLAN ID
1-Default	Configured	Any	1
2-testprofile		DWL-6600AP Dual Radio a/b/g/n	1

Showing 1 to 2 of 2 entries

Buttons: First, Previous, 1, Next, Last

Context Menu: Select All, Edit, Copy, Apply, Delete

Add New AP Profile

Wireless » Access Point » AP Profile » AP Profile Radio

AP Profiles | AP Profile Radio | AP Profile SSID | AP Profile QoS

This page contains several parameters that are not available for the default AP Profile. AP can support up to two radios. By default, Radio 1 operates in the IEEE 802.11b/g/n mode and Radio 2 operates in the IEEE 802.11a/n mode. The difference between these modes is the frequency in which they operate. IEEE 802.11b/g/n operates in the 2.4 GHz frequency and IEEE 802.11a/n/ac operates in 5 GHz frequency.

Access Point Profiles Radio List

Show 10 entries [Right click row to see more options]

AP Profile Name	Radio Mode	Status	Sentry Mode	Initial Power	Max. Clients	Support Channels
1-Default	802.11a/n	On	Disabled	100%	200	36,44,52,60,100,108,132,140,149,157
1-Default	802.11b/g/n	On	Disabled	100%	200	1,2,3,4,5,6,7,8,9,10,11
2-testprofile		On	Disabled	100%	200	36,44,52,60,100,108,132,140,149,157
2-testprofile	802.11b/g/n	On	Disabled	100%	200	1,2,3,4,5,6,7,8,9,10,11

Showing 1 to 4 of 4 entries

Buttons: First, Previous, 1, Next, Last

Context Menu: Edit

This page displays the virtual access point(VAP) settings associated with the selected AP profile. Each VAP is identified by its network number and Service Set Identifier(SSID). We can configure and enable up to 16 VAPs per radio on each physical access point.

Access Point Profiles SSID List

AP Profile:

Radio Mode: 802.11a/n 802.11b/g/n

Show entries [Right click row to see more options]

SSID Name	SSID Status	VLAN	Hide SSID	Security	Redirect	Captive Portal
1-dwc 2000	Enabled	1-Default	Disabled	WPA P		Free
2-dlink2	Disabled	1-Default	Disabled	None		Free
3-dlink3	Disabled	1-Default	Disabled	None	None	Free
4-dlink4	Disabled	1-Default	Disabled	None	None	Free
5-dlink5	Disabled	1-Default	Disabled	None	None	Free
6-dlink6	Disabled	1-Default	Disabled	None	None	Free
7-dlink7	Disabled	1-Default	Disabled	None	None	Free
8-dlink8	Disabled	1-Default	Disabled	None	None	Free
9-dlink9	Disabled	1-Default	Disabled	None	None	Free
10-dlink10	Disabled	1-Default	Disabled	None	None	Free

Showing 1 to 10 of 16 entries

This page displays the virtual access point(VAP) settings associated with the selected AP profile. Each VAP is identified by its network number and Service Set Identifier(SSID). We can configure and enable up to 16 VAPs per radio on each physical access point.

Access Point Profiles SSID List

AP Profile:

Radio Mode: 802.11a/n 802.11b/g/n

Show entries [Right click row to see more options]

SSID Name	SSID Status	VLAN	Hide SSID	Security	Redirect	Captive Portal
11-dlink11	Disabled	1-Default	Disabled	None	None	Free
12-dlink12	Disabled	1-Default	Disabled	None	None	Free
13-dlink13	Disabled	1-Default	Disabled	None	None	Free
14-dlink14	Disabled	1-Default	Disabled	None	None	Free
15-dlink15	Disabled	1-Default	Disabled	None	None	Free
16-dlink16	Disabled	1-Default	Disabled	None	None	Free

Showing 11 to 16 of 16 entries

Quality of Service (QoS) provides us with the ability to specify parameters on multiple queues for increased throughput and better performance of differentiated wireless traffic like Voice-over-IP (VoIP), other types of audio, video, and streaming media as well as traditional IP data over the Controller.

Access Point Profiles QoS List

Show 10 entries [Right click row to see more options]

AP Profile Name	Radio Mode	Template
1-Default	1-802.11a/n	Custom
1-Default	1-802.11a/n	Custom
2-testprofile	1-802.11a/n	Custom
2-testprofile	2-802.11b/g/n	Custom

Showing 1 to 4 of 4 entries

[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

This page shows all the wireless SSID configured on the controller. The first 16 SSID's are created by default. You can modify the default SSID, but we cannot delete them. We can add and configure up to 16 additional SSID for a total of 32 wireless SSID.

SSID Profile List

Show 10 entries [Right click row to see more options]

SSID Id	Name	VLAN	Hide SSID	Security	Redirect	Captive Portal	Authentication Server
1	dwc2000	1-Default	Disabled	WPA PERSONAL	None	Free	None
2	dtink2	1-Default	Disabled	None	None	Free	None
3	dtink3	1-Default	Disabled	None	None	Free	None
4	dtink4	1-Default	Disabled	None	None	Free	None
5	dtink5	1-Default	Disabled	None	None	Free	None
6	dtink6	1-Default	Disabled	None	None	Free	None
7	dtink7	1-Default	Disabled	None	None	Free	None
8	dtink8	1-Default	Disabled	None	None	Free	None
9	dtink9	1-Default	Disabled	None	None	Free	None
10	dtink10	1-Default	Disabled	None	None	Free	None

Showing 1 to 10 of 16 entries

[First](#)
[Previous](#)
[1](#)
[2](#)
[Next](#)
[Last](#)

[Add New SSID Profile](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » Access Point » SSID Profiles

This page shows all the wireless SSID configured on the controller. The first 16 SSID's are created by default. You can modify the default SSID, but we cannot delete them. We can add and configure up to 16 additional SSID for a total of 32 wireless SSID.

SSID Profile List

Show 10 entries [Right click row to see more options]

SSID Id	Name	VLAN	Hide SSID	Security	Redirect	Captive Portal	Authentication Server
11	dtlink11	1-Default	Disabled	None	None	Free	None
12	dtlink12	1-Def	Edit	None	None	Free	None
13	dtlink13	1-Def	Delete	None	None	Free	None
14	dtlink14	1-Default	Disabled	None	None	Free	None
15	dtlink15	1-Default	Disabled	None	None	Free	None
16	dtlink16	1-Default	Disabled	None	None	Free	None

Showing 11 to 16 of 16 entries

[First](#) | [Previous](#) | 1 | 2 | [Next](#) | [Last](#)

[Add New SSID Profile](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » Access Point » WDS Groups

[WDS Groups](#) | [WDS Managed AP](#) | [WDS AP Link](#)

From this Page we can create,configure and delete WDS Manged Group. The Wireless Distribution System (WDS)-Managed AP feature allows us to add managed APs to the cluster using over-the-air WDS links through other managed APs.

WDS Managed AP Groups

Show 10 entries [Right click row to see more options]

ID	Group Name	Spanning Tree
No data available in table		

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Add New WDS Group](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » Access Point » WDS Groups » WDS Managed AP

[WDS Groups](#) | [WDS Managed AP](#) | [WDS AP Link](#)

This Page allows you to view the APs that are members of the group, add new members, and change STP Priority values for existing members. After you create a WDS-Managed AP group, use the WDS Managed AP Configuration page to view the APs that are members of the group, add new members, and change STP Priority values for existing members.

WDS Managed AP List

Show 10 entries [Right click row to see more options]

ID	AP MAC	AP Hardware Type	STP Priority
No data available in table			

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Add New WDS Managed AP](#)



WDS Groups WDS Managed AP WDS AP Link

This Page allows you to configure the WDS links between the APs that are members of the group. After you create a WDS-Managed AP group, use the WDS AP Link Configuration page to configure the WDS links between the APs that are members of the group

WDS AP Link List

Show 10 entries [Right click row to see more options]

ID	Source AP MAC	Source AP Radio	Source AP Hardware Type	Destination AP MAC	Destination AP Radio	Destination AP Hardware Type	STP Link Cost
----	------------------	--------------------	----------------------------	-----------------------	-------------------------	---------------------------------	------------------

No data available in table

Showing 0 to 0 of 0 entries

First Previous Next Last

Add new WDS AP Link

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Wireless » Access Point » WDS Groups | WDS M

This Page allows you to configure WDS AP Link Configuration. If you have a single AP group, use the WDS AP Link List.

WDS AP Link List

Show 10 entries [Right click row to see more options]

ID	Source AP MAC	Source AP Radio	Source AP Hardware Type	Destination AP MAC	Destination AP Radio	Destination AP Hardware Type	STP Link Cost
No data available in table							

Showing 0 to 0 of 0 entries

[Add new WDS AP Link](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » IP Mode

This page allows user to configure the IP protocol version to be used on the controller. In order to support IPv6 on the LAN, you must set the controller to be in IPv4 / IPv6 mode. This mode will allow IPv4 nodes to communicate with IPv6 devices through this controller.

IP Mode

IP Mode IPv4 Only IPv4 & IPv6

[Save](#) [Cancel](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » LAN Settings » IPv4 LAN Settings

[IPv4 LAN Settings](#) | [IPv6 LAN Settings](#) | [IPv6 Address Pools](#) | [IPv6 Prefix Length](#) | [Router Advertisement](#) | [Advertisement Prefixes](#)

The LAN Configuration page allows you to configure the LAN interface of the controller including the DHCP Server which runs on it and Changes here affect all devices connected to the controller's LAN switch and also wireless LAN clients. Note that a change to the LAN IP address will require all LAN hosts to be in the same subnet and use the new address to access this GUI.

LAN Settings

IP Address Setup

IP Address:

Subnet Mask:

DHCP Setup

DHCP Mode:

Domain Name:

Default Route

Enable Default Route: OFF

SNAT: OFF

DNS Host Name Mapping

Host Name	IP Address
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

LAN Proxy

Activate DNS Proxy: ON

[Save](#) [Cancel](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » LAN Settings » IPv4 LAN Settings

[IPv4 LAN Settings](#) | [IPv6 LAN Settings](#) | [IPv6 Address Pools](#) | [IPv6 Prefix Length](#) | [Router Advertisement](#) | [Advertisement Prefixes](#)

The LAN Configuration page allows you to configure the LAN interface of the controller including the DHCP Server which runs on it and Changes here affect all devices connected to the controller's LAN switch and also wireless LAN clients. Note that a change to the LAN IP address will require all LAN hosts to be in the same subnet and use the new address to access this GUI.

LAN Settings

IP Address Setup

IP Address:

Subnet Mask:

DHCP Setup

DHCP Mode:

Domain Name:

Default Route

Enable Default Route: OFF

SNAT: OFF

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » LAN Settings » IPv6 LAN Settings

IPv6 Mode is not enabled

[IPv4 LAN Settings](#) | [IPv6 LAN Settings](#) | [IPv6 Address Pools](#) | [IPv6 Prefix Length](#) | [Router Advertisement](#) | [Advertisement Prefixes](#)

This page allows user to IPv6 related LAN configurations. The IPv6 address is 128 bits, with a default 64 bit prefix that defines the network and is common among all LAN hosts. Changes here affect all devices connected to the controller's LAN switch. Note that a change to the default LAN IP address will require all LAN hosts to be in the same network prefix and use the new address to access this GUI.

IPv6 LAN Settings

LAN TCP/IP Setup

IPv6 Address:

IPv6 Prefix Length: [Range: 0 - 128]

DHCPv6

Status: OFF

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » LAN Settings » IPv6 Address Pools

IPv6 Mode is not enabled

[IPv4 LAN Settings](#) | [IPv6 LAN Settings](#) | [IPv6 Address Pools](#) | [IPv6 Prefix Length](#) | [Router Advertisement](#) | [Advertisement Prefixes](#)

This Page allow user to create/add/delete/edit Address Pools List for IPv6 configuration.

IPv6 Address Pools List

Show entries [Right click row to see more options]

Start Address	End Address
No data available in table	

Showing 0 to 0 of 0 entries

IPv6 Mode is not enabled

This Page allow user to create/add/delete/edit Prefix Length List for IPv6 configuration.

IPv6 Prefix Length List

Show 10 entries [Right click row to see more options]

Table with 2 columns: Prefix Address, Prefix Length. No data available in table.

Showing 0 to 0 of 0 entries

Add New Prefix Length

IPv6 Mode is not enabled

This page allows user to configure Router Advertisement Daemon (RADVD) related configurations. Router Advertisements are analogous to IPv4 DHCP assignments for LAN clients. With this the controller will perform stateless autoconfiguration of LAN nodes by assigning an IP address and supporting network information to devices that are configured to accept such details. By configuring the Router Advertisement Daemon on this controller, the device will listen on the LAN for router solicitations and respond to these LAN hosts with router adviements.

Router Advertisement

Router Advertisement Daemon Setup Status

OFF

Save Cancel

IPv6 Mode is not enabled

This page allows user to configure IPv6 prefixes which will be used while advertisement. The router advertisements configured with advertisement prefixes allow this controller to inform hosts how to perform stateless address autoconfiguration. Router advertisements contain a list of subnet prefixes that allow the controller to determine neighbors and whether the host is on the same link as the controller.

Advertisement Prefixes List

Show 10 entries [Right click row to see more options]

Table with 4 columns: Prefix Type, IPv6 Prefix, IPv6 Prefix Length, Life Time. No data available in table.

Showing 0 to 0 of 0 entries

Add New Advertisement Prefixes

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » LAN DHCP Reserved IPs

This page allows user to configure the reserved IP Addresses for the DHCP Server configuration. In order to ensure certain LAN devices always receive the same IP address when DHCP is enabled on the LAN, bind the LAN device's MAC address to a preferred IP address. This IP address will only be assigned to the matching MAC address.

LAN DHCP Reserved IPs List

Show entries [Right click row to see more options]

MAC Address	IP Address
No data available in table	

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Add New DHCP Reserved IP](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » IGMP Setup

The IGMP Proxy page allows the user to enable IGMP proxy on a LAN interface. This is known as active IGMP snooping, and lets the controller listen in on IGMP network traffic. The controller filters multicast traffic through the controller and is used to prevent LAN hosts from receiving traffic from a multicast group that they have not explicitly joined.

IGMP Setup

IGMP Setup
 IGMP Proxy OFF

[Save](#) | [Cancel](#)

Allowed Network Addresses List

Show entries [Right click row to see more options]

Network Address	Mask Length
No data available in table	

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Add New Network Address](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » Jumbo Frame

This page allows user to enable/disable jumbo frames and set MTU for jumbo frames in the controller. Jumbo Frames option is available to exchange traffic containing Jumbo Frames on Lan side Devices.

Jumbo Frame

Activate Jumbo Frames OFF

[Save](#) | [Cancel](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » Link Aggregation

Link Aggregation groups (LAGs) allow you to combine multiple full-duplex Ethernet links into a single logical link. Network devices treat the aggregation as if it were a single link, which increases fault tolerance and provide load sharing.

Link Aggregation List

Show entries [Right click row to see more options]

Name	Static Mode	Administrative Mode	Member Ports
No data available in table			

Showing 0 to 0 of 0 entries

[First](#) | [Previous](#) | [Next](#) | [Last](#)

[Add New LAG](#)

Link Aggregation Configuration

Name:

Static Mode: OFF

Administrative Mode: OFF

Member Ports:

[Save](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » LAN » Link Aggregation

Operation Succeeded

Link Aggregation groups (LAGs) allow you to combine multiple full-duplex Ethernet links into a single logical link. Network devices treat the aggregation as if it were a single link, which increases fault tolerance and provide load sharing.

Link Aggregation List

Show entries [Right click row to see more options]

Name	Static Mode	Administrative Mode	Member Ports
test	Disabled	DOWN	port3,port4

Showing 1 to 1 of 1 entries

[Add New LAG](#)

- Select All
- Edit
- Delete

[First](#) | [Previous](#) | [1](#) | [Next](#) | [Last](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » VLAN » VLAN Settings

The controller supports virtual network isolation on the LAN with the use of VLANs. LAN devices can be configured to communicate in a subnetwork defined by VLAN identifiers.

VLAN List

Show entries [Right click row to see more options]

Name	VLAN ID	IP Address	Subnet Mask	Captive Portal	Authentication Server
Default	1		255.255.255.0	Free	None

Showing 1 to 1 of 1 entries

[Add New VLAN](#)

- Select All
- Edit
- Delete

[First](#) | [Previous](#) | [1](#) | [Next](#) | [Last](#)

This page allows user to configure the port VLANs. A user can choose ports and can add them into a VLAN. In order to tag all traffic through a specific LAN port with a VLAN ID, you can associate a VLAN to a physical port. The VLAN Port table displays the port identifier, the mode setting for that port and VLAN membership information. Go to the Available VLAN page to configure a VLAN membership that can then be associated with a port

Port VLANs List

[Right click row to see more options]

Port Name	Mode	PVID	VLAN Membership
port1	Access	1	1
port2	Access	1	1
port3	Access	1	1
port4	Access	1	1

Showing 1 to 4 of 4 entries

Port VLAN Configuration

Port Name: Port1

Mode: Access (dropdown menu with options: Access, General, Trunk, Interface)

PVID: [] (range: 2 - 4093)

Save

- MAC Based VLAN**
- Voice VLAN
- Protocol Based VLAN
- Double VLAN
- GVRP

This MAC-VLAN page displays the currently configured MAC-based VLANs on this controller. It allows you to add a new MAC-based VLAN or delete or modify a currently configured MAC-based VLAN. MAC-based VLANs allow all LAN traffic from a specified source MAC address to be classified into a VLAN.

MAC Based VLAN

MAC Based VLAN Setup

Activate MAC-based VLAN: OFF

Save **Cancel**

MAC Based VLAN List

Show 10 entries [Right click row to see more options]

MAC Address	VLAN ID	Port
No data available in table		

Showing 0 to 0 of 0 entries

First Previous Next Last

Add New MAC Based VLAN

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » VLAN » Advanced VLAN » Voice VLAN

[MAC Based VLAN](#) | [Voice VLAN](#) | [Protocol Based VLAN](#) | [Double VLAN](#) | [GVRP](#)

This Voice-VLAN page displays the currently configured Voice VLANs on this controller. It allows you to add a new Voice VLAN or delete or modify a currently configured Voice VLAN. Voice VLANs allow all LAN VOIP traffic to be either classified into a VLAN, or have the priority of such traffic to be elevated.

Voice VLAN

Voice VLAN Setup
 Activate Voice VLAN OFF

[Save](#) [Cancel](#)

Voice VLAN List

Show 10 entries [Right click row to see more options]

Port	Mode	VLAN ID	Custom Dot1q
No data available in table			

Showing 0 to 0 of 0 entries

[Add New Voice VLAN](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » VLAN » Advanced VLAN » Protocol Based VLAN

[MAC Based VLAN](#) | [Voice VLAN](#) | [Protocol Based VLAN](#) | [Double VLAN](#) | [GVRP](#)

This Protocol-VLAN page displays the currently configured Protocol-based VLANs on this controller. It allows you to add a new Protocol-based VLAN or delete or modify a currently configured Protocol-based VLAN. Protocol-based VLANs allow all LAN traffic with a specified ethertype (IP, ARP or IPX) to be classified into a VLAN.

Protocol Based VLAN List

Protocol Based VLAN Setup
 Activate Protocol Based VLAN OFF

[Save](#) [Cancel](#)

Protocol Based VLAN List

Show 10 entries [Right click row to see more options]

Port	VLAN ID	Protocol
No data available in table		

Showing 0 to 0 of 0 entries

[Add New Protocol Based VLAN](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » VLAN » Advanced VLAN » Double VLAN

[MAC Based VLAN](#) | [Voice VLAN](#) | [Protocol Based VLAN](#) | [Double VLAN](#) | [GVRP](#)

This Double-VLAN page displays the status of Double VLAN Setting on this controller. It allows you to enable or disable the double VLANs. Enabling double VLANs will force all LAN traffic to have two VLAN tags attached to them.

Double VLAN

Show 10 entries [Right click row to see more options]

Interface	Ether Type	Custom Tag
No data available in table		

Showing 0 to 0 of 0 entries

[Add New Double VLAN](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » VLAN » Advanced VLAN » GVRP

[MAC Based VLAN](#) | [Voice VLAN](#) | [Protocol Based VLAN](#) | [Double VLAN](#) | **GVRP**

This GVRP page allows you to configure the GVRP protocol feature on the DWC-2000

GVRP

Activate GVRP ON

[Save](#) [Cancel](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » Routing » IPv4 Static Routes

This page shows the list of static routes configured on the controller. User can also add, delete and edit the configured routes. Use this page to define static routes. Be sure to enter a destination address, subnet mask, gateway and metric for each configured static route. The Interface dropdown menu will show all available configured wired interfaces on the controller as options.

Static Routes List

Show 10 entries [Right click row to see more options]

Name	Destination	Subnet Mask	Gateway	Interface	Metric	Active	Private
No data available in table							

Showing 0 to 0 of 0 entries

[First](#) [Previous](#) [Next](#) [Last](#)

[Add New Static Route](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Network » Routing » IPv6 Static Routes

IPv6 Mode is not enabled

This page shows a list of IPv6 static routes added. A user can add, delete and edit the routes also.

IPv6 Static Routing List

Show 10 entries [Right click row to see more options]

Name	Destination	Gateway	Interface	Metric	Active
No data available in table					

Showing 0 to 0 of 0 entries

[First](#) [Previous](#) [Next](#) [Last](#)

[Add New IPv6 Static Route](#)

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

[LAN QoS Priority](#) | [Trust Mode Settings](#) | [802.1p Priority](#) | [IP DSCP Settings](#) | [Port Shaping Rate](#)

Enabling QoS on LAN is an advanced configuration, which is required only if you expect congestion on the traffic on the LAN ports.

LAN QoS

Activate QoS on LAN OFF

[Save](#) [Cancel](#)

Please enable QoS for LAN ports to set Trust Mode to LAN ports

Enabling QoS on LAN is an advanced configuration, which is required only if you expect congestion on the traffic on the LAN ports.

Trust Mode List

Show entries [Right click row to see more options]

Port	Classification
Port 1	COS
Port 2	COS
Port 3	COS
Port 4	COS

Showing 1 to 4 of 4 entries

[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

Port CoS Mapping enables you to change the priority of the PCP value. Port CoS Mapping enables you to assign the priority to the traffic for the CoS value.

802.1p Priority List

Show entries [Right click row to see more options]

802.1p Priority	Queue
0	Low
1	Low
2	Low
3	Low
4	Low
5	Low
6	Low
7	Low

Showing 1 to 8 of 8 entries

[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Network » QoS » QoS Priority » IP DSCP Settings

[LAN QoS Priority](#)
[Trust Mode Settings](#)
[802.1p Priority](#)
[IP DSCP Settings](#)
[Port Shaping Rate](#)

This page defines the map between the DSCP value in the packet and the associated priority it gets while traveling through the LAN switch. There are four priority values (Lowest, Low, Medium, Highest) that can be chosen from.

IP DSCP List

Show entries [\[Right click row to see more options\]](#)

DSCP	Queue
0	Low
1	Low
2	Low
3	Low
4	Low
5	Low
6	Low
7	Low
8	Low
9	Low

Showing 1 to 10 of 64 entries

[First](#)
[Previous](#)
[1](#)
[2](#)
[3](#)
[4](#)
[5](#)
[Next](#)
[Last](#)

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Network » QoS » QoS Priority » Port Shaping Rate

Please enable LAN QoS to Configure Port Based Rate Control Lan Port Traffic Shaping

[LAN QoS Priority](#)
[Trust Mode Settings](#)
[802.1p Priority](#)
[IP DSCP Settings](#)
[Port Shaping Rate](#)

Set the Egress rate for the Ports on the LAN. Changes here affect the cumulative Bandwidth of the traffic that is egressed on the ports of LAN switch.

Port Shaping Rate List

Show entries [\[Right click row to see more options\]](#)

Port	Traffic Rate Percentage
Port1	0
Port2	0
Port3	0
Port4	0

Showing 1 to 4 of 4 entries

[First](#)
[Previous](#)
[1](#)
[Next](#)
[Last](#)

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Security » Authentication » User Database » Get User DB

[Get User DB](#)
[Groups](#)
[Users](#)
[MAC Authentication](#)
[Password Rules](#)

Authentication
 User Database
 External Auth Server
 Login Profiles
 Billing Profile

Firewall
 Blocked Clients

This page allows user to import a CSV formatted user database to the controller.

Get User DB

Select User DB File

No file chosen

This page shows the list of added groups to the controller. The user can add, delete and edit the groups also.

Groups List

Show 10 entries [Right click row to see more options]

Group Name	Description
ADMIN	Admin Group
GUEST	Guest Group

Showing 1 to 2 of 2 entries

Add New Group

Login Policies

Show 10 entries

Group	Status
ADMIN	Allow
GUEST	Deny

Showing 1 to 2 of 2 entries

Add Login Policies

Browser Policies

Show 10 entries

Group	Added Client Browsers	Status
No data available in table		

Showing 0 to 0 of 0 entries

Add Browser Policies

IP Policies

Show 10 entries

Group	Source Address Type	Network Address / IP Address	Mask Length	Status
No data available in table				

Showing 0 to 0 of 0 entries

Add IP Policies

Security » Authentication » User Database » Users

Get User DB Groups **Users** MAC Authentication Password Rules

This page shows a list of available users in the system. A user can add, delete and edit the users also. This page can also be used for setting policies on users.

Users List

Show entries [Right click row to see more options]

User Name	Group Name	Login Status
admin	ADMIN	Enabled
guest	GUEST	Disabled

Showing 1 to 2 of 2 entries

Security » Authentication » User Database » MAC Authentication

Get User DB Groups Users **MAC Authentication** Password Rules

The Known Client Summary shows the wireless clients currently in the Known Client Database and allows you to add new clients or modify existing clients to the database.

MAC Authentication White-List

Show entries [Right click row to see more options]

MAC Address	Name	Authentication Action
No data available in table		

Showing 0 to 0 of 0 entries

Security » Authentication » User Database » Password Rules

Get User DB Groups Users MAC Authentication **Password Rules**

The table lists all the available Password Rules in the system.

Password Rules

Password Enforcement OFF
 Minimal Password Length [Default: 8, Range: 4 - 64]
 Minimal Numeric Characters [Default: 2, Range: 0 - 4]
 New Password must be Different OFF



- Radius Server**
- POP3 Server
- POP3 Trusted CA
- LDAP Server

This page configures the RADIUS servers to be used for authentication. A RADIUS server maintains a database of user accounts used in larger environments. If a RADIUS server is configured in the LAN, it can be used for authenticating users that want to connect to the wireless network provided by this device. If the first/primary RADIUS server is not accessible at any time, then the device will attempt to contact the secondary RADIUS server for user authentication.

Radius Server Configuration

Server Check **Server Checking**

Authentication Server 1 IP Address:

Authentication Port: [Range: 0 - 65535]

Secret:

Timeout: [Range: 1 - 999] Seconds

Retries: [Range: 1 - 9] Seconds

Authentication Server 2 IP Address:

Authentication Port: [Range: 0 - 65535]

Secret:

Timeout: [Range: 1 - 999]

Retries: [Range: 1 - 9]

Authentication Server 3 IP Address:

Authentication Port: [Range: 0 - 65535]

Secret:

Timeout: [Range: 1 - 999]

Retries: [Range: 1 - 9]



- Radius Server
- POP3 Server**
- POP3 Trusted CA
- LDAP Server

This page allow user to configure pop3 authentication servers.

POP3 Server Configuration

Authentication Server1 (Primary)

Authentication Port: [Default: 110, Range: 1 - 65535]

SSL Enable: OFF

CA File:

Authentication Server2 (Secondary)

Authentication Port: [Default: 110, Range: 1 - 65535]

SSL Enable: OFF

CA File:

Authentication Server3

Authentication Port: [Default: 110, Range: 1 - 65535]

SSL Enable: OFF

CA File:

Timeout: [Range: 1 - 30]

Retries: [Range: 1 - 255]

This page shows the list of POP3 CA Files.

POP3 CA Files List

Show 10 entries [Right click row to see more options]

CA File
No data available in table

Add CA File

This page allows a user to configure authentication servers for LDAP authentication.

LDAP Server Configuration

Authentication Server 1	<input type="text"/>	
Authentication Server 2	<input type="text"/>	Optional
Authentication Server 3	<input type="text"/>	Optional
LDAP attribute 1	<input type="text"/>	Optional
LDAP attribute 2	<input type="text"/>	Optional
LDAP attribute 3	<input type="text"/>	Optional
LDAP attribute 4	<input type="text"/>	Optional
LDAP Base DN	<input type="text"/>	
Second LDAP Base DN	<input type="text"/>	Optional
Third LDAP Base DN	<input type="text"/>	Optional
Timeout	<input type="text"/>	[Range: 1 - 999] Seconds
Retries	<input type="text" value="2"/>	[Range: 1 - 9]
First Administrator Account	<input type="text" value="admin"/>	Optional
Password	<input type="password" value="....."/>	Optional
Second Administrator Account	<input type="text"/>	Optional
Password	<input type="password"/>	Optional
Third Administrator Account	<input type="text"/>	Optional
Password	<input type="password"/>	Optional

Save Cancel

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Security » Authentication » Login Profiles

[Login Profiles](#)
[SLA](#)

The table lists all the available Login Profiles in the system. This Login page is used for authentication on Captive Portal enabled interfaces.

Login Profiles List

Show 10 entries [Right click row to see more options]

Profile Name	Browser Title	Status
default	D-link Wireless Controller	Not In Use
default2	D-link Wireless Controller	Not In Use

Showing 1 to 2 of 2 entries

[First](#)
[Previous](#)
1
[Next](#)
[Last](#)

[Add New Login Profile](#)

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Security » Authentication » Login Profiles » SLA

[Login Profiles](#)
[SLA](#)

Service Level Agreement are the set of rules temporary Captive Portal user needs to accept before accessing internet or other services. This page is used to help admin to set SLA rules.

SLA Profiles List

Show 10 entries [Right click row to see more options]

SLA Profile Name	Browser Title	Status
default	D-Link : Wireless Controller	Not in use

Showing 1 to 1 of 1 entries

[First](#)
[Previous](#)
1
[Next](#)
[Last](#)

[Add New SLA Profile](#)

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Security » Authentication » Billing Profile

[Billing Profile](#)
[Payment Gateway](#)

This page shows a list of available billing profiles for temporary CaptivePortal Users. We can add, delete and edit the profiles.

Billing Profile List

Show 10 entries [Right click row to see more options]

Profile Name	Billing Status	Description
No data available in table		

Showing 0 to 0 of 0 entries

[First](#)
[Previous](#)
Next
[Last](#)

[Add New Billing Profile](#)



Billing Profile Payment Gateway

Payment Gateway List

Show 10 entries [Right click row to see more options]

Table with columns: Payment Processor, Account, Currency

No data available in table

Showing 0 to 0 of 0 entries [Navigation buttons: First, Previous, Next, Last]

Add New Payment Gateway



This page shows a list of clients MAC addresses blocked by admin.

Block MAC Clients List

Show 10 entries [Right click row to see more options]

Table with columns: MAC Address, Description

No data available in table

Showing 0 to 0 of 0 entries [Navigation buttons: First, Previous, Next, Last]

Add New Blocked Clients

Maintenance » Administration » System Setting

This page allows user to set the controller identification name.

System Setting

New Name for System

Administration	Management	Firmware	Logs Settings
System Setting	Remote Management	Firmware Upgrade	Facility Logs
Date and Time	SNMP	Backup / Restore	Routing Logs
Session Settings	Diagnostics	Soft Reboot	System Logs
License Update		AP Firmware Download	Remote Logs
USB Share Ports			Syslog Server
			Event Logs

Maintenance » Administration » System Setting

This page allows user to set the controller identification name.

System Setting

New Name for System

Maintenance » Administration » Date and Time

This page allows us to set the date, time and NTP servers. Network Time Protocol (NTP) is a protocol that is used to synchronize computer clock time in a network of computers. Accurate time across a network is important for many reasons.

Date and Time

Current Device Time: Sat Jan 01 11:48:32 AM GMT+1000 2000

Time Zone: (GMT+10:00) Canberra Me

Daylight Saving: ON OFF

NTP Servers: ON OFF

NTP Server Type: Default Custom

Time to re-synchronize: [Default: 120, Range: 5 - 1440] Minutes

Maintenance » Administration » Session Settings

The table lists all the available session Settings in the system.

Session Settings

Administrator	<input style="width: 50px;" type="text" value="10"/>	[Default: 10, Range: 0 - 999] Minutes
Guest	<input style="width: 50px;" type="text" value="10"/>	[Default: 10, Range: 0 - 999] Minutes

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Maintenance » Administration » License Update

This page shows the list of activated licenses and also can be used for activating new DWC-2000 AP licenses.

License Update

Licenses List

Show entries [This information is view only]

License Model	Activation Code	Expires
No data available in table		

Showing 0 to 0 of 0 entries

Activation Setup

License Activation Code

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Maintenance » Administration » USB Share Ports

Connect Atleast one Printer to Configure USB Share Ports

This page allows the user to configure the SharePort feature available in the device.

USB Share Ports

USB Share Port Setup

USB Port 1 Printer OFF

USB Port 2 Printer OFF

Shared Enabled Interfaces List

Interface Name	Enable Printer
default	<input type="checkbox"/> OFF

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Maintenance » Management » Remote Management

From this page a user can configure the remote management feature. This feature can be used to access the box by HTTP, HTTPS or Both.

Remote Management

Remote Management Setup

HTTP ON

HTTPS OFF

[Status](#) | [Wireless](#) | [Network](#) | [Security](#) | [Maintenance](#)

Maintenance » Management » SNMP

Simple Network Management Protocol (SNMP) lets you monitor and manage your controller from an SNMP manager. SNMP provides a remote means to monitor and control network devices, and to manage configurations, statistics collection, performance, and security.

SNMP v3 User List

Name	Privilege	Security Level
admin	RWUSER	No-Auth No-Priv
guest	ROUSER	No-Auth No-Priv

Maintenance » Management » SNMP » SNMP Trap

SNMP | **SNMP Trap** | SNMP Trap List | Access Control List | SNMP System Info

If you use Simple Network Management Protocol (SNMP) to manage the Unified Wireless Controller, you can configure the SNMP agent on the Controller to send traps to the SNMP manager on your network.

SNMP Trap

- AP Failure Traps OFF
- AP State Change Traps OFF
- Client Failure Traps OFF
- Client State Change Traps OFF
- Peer Controller Traps OFF
- RF Scan Traps OFF
- Rogue AP Traps OFF
- WIDS Status Traps OFF
- Wireless Status Traps OFF

Save **Cancel**

Maintenance » Management » SNMP » SNMP Trap List

SNMP | SNMP Trap | **SNMP Trap List** | Access Control List | SNMP System Info

The table lists all IP addresses of SNMP agents to which the controller will send trap messages.

SNMP Traps List

Show 10 entries [Right click row to see more options]

IP Address	Port	Community	SNMP Version
No data available in table			

Showing 0 to 0 of 0 entries

Add SNMP Trap

Maintenance » Management » SNMP » Access Control List

SNMP | SNMP Trap | SNMP Trap List | **Access Control List** | SNMP System Info

The table lists all IP addresses of SNMP agents to which the controller will allow several operations on the SNMP agents.

Access Control List

Show 10 entries [Right click row to see more options]

Name	Subnet Mask	Community	Access Type
No data available in table			

Showing 0 to 0 of 0 entries

Add Access Control

Maintenance » Management » SNMP » SNMP System Info

SNMP SNMP Trap SNMP Trap List Access Control List **SNMP System Info**

This page displays the current SNMP configuration of the controller. The following MIB (Management Information Base) fields are displayed and can be modified here.

SNMP System Info

SysContact

SysLocation

SysName

Save **Cancel**

Maintenance » Management » Diagnostics » Network Tools

Network Tools **Capture Packets** System Check

This page can be used for diagnostics purpose. This page provides user with some diagnostic tools like ping, dns lookup and traceroute.

Network Tools

Command Output for Ping and Traceroute

IP Address / Domain Name

Ping **Traceroute**

Command Output

DNS Lookup

Domain Name

Lookup

Command Output

Maintenance » Management » Diagnostics » Capture Packets

Network Tools **Capture Packets** System Check

This page provides user packet sniffer as a diagnostic tool.

Capture Packets

Interface

Start Trace **Stop Trace** **Download**

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Maintenance » Management » Diagnostics » System Check

[Network Tools](#)
[Capture Packets](#)
[System Check](#)

This page display the controller's static and dynamic routes.

System Check

[Display IPv4 Table](#)

Command Output

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Maintenance » Firmware » Firmware Upgrade » Using System (PC)

[Using System \(PC\)](#)
[Using USB](#)

This page allows user to upgrade/downgrade the controller firmware. This page also shows the information regarding firmware version and build time.

Using System (PC)

Current Firmware Information

Firmware Version	4.3.0.3_WW
WLAN Module Version	4.2.0.1
Firmware Date	Thu Aug 14 02:30:41 PM 2014

Firmware Upgrade

Browse Firmware No file chosen

[Upgrade](#)

[Status](#)
[Wireless](#)
[Network](#)
[Security](#)
[Maintenance](#)

Maintenance » Firmware » Firmware Upgrade » Using USB

Please Connect a USB Storage Device!

[Using System \(PC\)](#)
[Using USB](#)

This page allows user to upgrade/downgrade the controller firmware via USB Device.

Using USB

USB Port 1

USB Device Status disconnected

Select Firmware

[Upgrade](#)

USB Port 2

USB Device Status disconnected

Select Firmware

[Upgrade](#)

This page allows user to do configuration related operations which includes backup and restore.

Backup / Restore

Backup

Save to System (PC) Save to USB Port 1 Save to USB Port 2

Restore from System (PC)

Browse Saved Configurations

Choose file No file chosen

Restore

Restore from USB Port 1

USB Device Status

disconnected

Select Firmware

Empty list box for selecting firmware from USB Port 1.

Restore

Restore from USB Port 2

USB Device Status

disconnected

Select Firmware

Empty list box for selecting firmware from USB Port 2.

Restore

This page allows user to Reboot and Reboot with Factory Default the controller.

Soft Reboot

Soft Reboot

Soft Reboot

Reboot with Factory Default

Default

Maintenance » Firmware » AP Firmware Download

It may take about 12 minutes for the upgrade process to complete for an AP.

AP Firmware Download | AP Firmware Status

The Unified Wireless Controller can upgrade software on the APs that it manages. The Cluster Controller can update code on APs managed by peer wireless controllers.

AP Firmware Download

Server Address	<input type="text"/>
Img_dwl8600	D-Link 8600 AP Radios
File Path	<input type="text"/>
File Name	<input type="text"/>
Img_dwl3600/6600	D-Link 3600/6600 AP Radios
File Path	<input type="text"/>
File Name	<input type="text"/>
Img_dwl2600	D-Link 2600 AP Radios
File Path	<input type="text"/>
File Name	<input type="text"/>
Img_dwl8610	D-Link 8610 AP Radios
File Path	<input type="text"/>
File Name	<input type="text"/>
Group Size	<input type="text" value="6"/> [Default: 6, Range: 1 - 6]
Image Download Type	All Images
Managed AP	<input type="text" value="All"/> <input type="text" value="90:94:e4:9d:16:c0-192.168.10.102 -"/>

Save Start Refresh

Maintenance » Firmware » AP Firmware Download » AP Firmware Status

AP Firmware Download | AP Firmware Status

This page displays the Code Download Status and Success/Failure of the AP firmware upgrade process.

AP Firmware Status

Code Download Status

Status	Not Started
Download Count	0
Success Count	0
Failure Count	0
Abort Count	0

AP Firmware Status

Show 10 entries [This information is view only]

AP MAC	Location	Status	Firmware Version
No data available in table			

Showing 0 to 0 of 0 entries

First Previous Next Last

This page allows user to configure logging severity levels for different logging facilities.

Facility Logs

Facility

Select Facility

Kernel
 System

For Event Log

	Event Log	Syslog
Emergency	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
Alert	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
Critical	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
Error	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
Warning	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
Notification	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
Information	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF
Debugging	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF

The table lists all the available routing Logs in the system.

Routing Logs

Routing Log

	Accepted Packets	Dropped Packets
Inter VLAN	<input type="checkbox"/> OFF	<input type="checkbox"/> OFF

This page allows user to configure system wide log settings.

System Logs

All Unicast Traffic	<input type="checkbox"/> OFF
All Broadcast / Multicast Traffic	<input type="checkbox"/> OFF
FTP Log	<input type="checkbox"/> OFF
Redirected ICMP Packets	<input type="checkbox"/> OFF
Invalid Packets	<input type="checkbox"/> OFF

Navigation: Status | Wireless | Network | Security | Maintenance

Maintenance » Logs Settings » Remote Logs

This page allows user to configure the remote logging options for the controller.

Remote Logging

Remote Log Identifier:

E-Mail Log: OFF

Navigation: Status | Wireless | Network | Security | Maintenance

Maintenance » Logs Settings » Syslog Server

This page allows user to configure the syslog server logging options for the controller.

Syslog Server Configuration

SysLog Server 1	<input type="checkbox"/> OFF
SysLog Server 2	<input type="checkbox"/> OFF
SysLog Server 3	<input type="checkbox"/> OFF
SysLog Server 4	<input type="checkbox"/> OFF
SysLog Server 5	<input type="checkbox"/> OFF
SysLog Server 6	<input type="checkbox"/> OFF
SysLog Server 7	<input type="checkbox"/> OFF
SysLog Server 8	<input type="checkbox"/> OFF

Navigation: Status | Wireless | Network | Security | Maintenance

Maintenance » Logs Settings » Event Logs

This page allows user to configure the available event Logs in the system.

Event Logs

Captive Portal: OFF

Wireless Logs: OFF