Network Management
Enter Nuclias Connect

Welcome to the solution guide for Nuclias Connect, D-Link’s centralized management solution for small to Small-to-Medium-Sized Enterprises (SMEs) networks. Nuclias Connect makes it easier to analyze, automate, configure, optimize, scale, and secure your network — delivering the convenience of an enterprise-wide management solution, at a fraction of the cost.

Deployable on a Windows server (or Linux via Docker), PC, or downloadable on the smartphone, the Nuclias Connect (DNC-100) software is capable of managing wireless access points (AP), switches, coupled with a versatile and cost-effective optional hardware controller (The Hub, DNH-100) suitable for remote locations. Through software-based monitoring and remote management of all wireless Aps and switches on your network, Nuclias Connect offers tremendous flexibility compared to traditional hardware-based unified management systems. Configuration can be done remotely. Network traffic analytics are available at a glance (in whole or in part). Load balancing, airtime fairness and localized throttling are all enabled.

Why Nuclias Connect?

- Nuclias Connect is designed to meet the specific needs of SMBs looking to...
- Minimize network administration burden and costs.
- Carry out Digital Transformation initiatives without unduly adding to their network administration workload.
- Provide a robust and seamless Guest/Public Wi-Fi experience for users on par with what Enterprises can offer.
- Centralized Management for wireless APs, Switches.
Who Needs Nuclias Connect?

SMBs
Connect offer a robust yet affordable foundation for SMB’s who acknowledge the need for Digital Transformation in order to stay competitive. Especially designed for those business that need fine-grained control over their network, as well as the ability to customize as to best meet their businesses unique needs.

Hospitality
Create a secure and easy to access Wi-Fi environment with features such as a customizable captive portal to enable multi-channel marketing. Real time traffic and analytics, virtualized floor maps and mapping of customer foot print gives deeper insights and aids you to better understand guest behaviors.

Retail Chains
Real time traffic analytics and insights help you tailor your customers Wi-Fi experience and further drive sales. Features such as customizable captive portal maintain secure and easy to access Wi-Fi, and also enables multi-channel marketing. Meanwhile, a powerful network can support business functions such as digital signage and point of sale (POS) devices.

Education
Connect offers versatile deployment and support for multiple campuses. Network enhancing features such as airtime fairness and channel optimization that enables stable digital collaboration. Web content filtering and application control protects staff and students alike. Resource intensive applications such as digital white boards or surveillance are supported.

Nuclias Connect for MSPs
Nuclias Connect allows network administrators to do their jobs far more effectively and efficiently. Network expansion and configuration are easier, more intuitive, and more cost-effective thanks to centralized control. Privilege-Based Access Control allows managed access, avoiding accidental or malicious misconfigurations.
Nuclias Connect deployment

**Multi-Site**
Up to 1,500 wireless access points and switches

**Medium-sized**
Up to 100 wireless access points and switches
What Nuclias Connect Delivers

Nuclias Connect gives you the financial and technical flexibility to expand from a small network to a larger one (up to 1,500 devices), Medium (up to 100 devices) while retaining a robust and centralized management system. And with its intuitive Graphical User Interface (GUI), a wealth of enhanced AP/Switch features, and a setup wizard that supports 15 languages, Nuclias Connect minimizes the hassle of deployment, configuration, and administration tasks, with the key benefits falling into key areas below.

01. Value

Nuclias Connect is tremendous value. It combines APs/Switches and management software to enhance the performance. Meanwhile its dedicated hardware controller is versatile and inexpensive, all while providing a comprehensive set of technical features that reduce admin costs, and that are suitable for most Enterprise & SMB networking activities.

Key Benefits
- Management software can be installed on as many terminals as necessary
- Less costly network expansion thanks to centralized configuration and APs/Switches (up to 1,500)
- Less costly network administration thanks to easy intuitive software or cost effective hardware hub.

02. Flexibility

Nuclias Connect offers the flexibility to thrive in a variety of deployment scenarios, business needs, and use cases. The solution can utilize legacy equipment if needed (PCs and select access points), or be implemented as a total solution. A wide variety of APs are available for various situations and price points. The management software is customizable and enables control and analytics of a broad or fine granularity – and presentation in a variety of formats.

Key Benefits
- Suited to deployments with varied condition
- Network can be managed from anywhere with an Internet connection
- Public Wi-Fi Login can be customized
- Display, analytics, reporting, and management can be customized for utility or convenience
- Multiple tenants can manage through the software
03. Security & Privacy

Nuclias Connect is designed for businesses where concerns about security and privacy are paramount. All communications over Nuclias Connect are encrypted. User data never leaves your possession. Additional security measures can be added without undue difficulty.

Key Benefits
- End to end encryption
- User data remains private
- Security add-ons are no problem

04. Ease-of-Use

Nuclias Connect's centralized management capabilities, easy setup and intuitive dashboard functionality make life easier for network administrators, while its functionality makes life easier for network users.

Key Benefits
- Convenient access from anywhere with internet connectivity
- Centralized configuration reduces the chance of error
- Batch configuration, automated network management & reporting, and searchable & auditable Event and Change logs save time
- Diverse authentication options (Captive Portal, RADIUS Server, POP3, LDAP, Social Login, Click Through)

05. Real-Time Analytics & Automated Reporting

Nuclias Connect enables an extensive understanding of your network and its users through traffic analytics and status reports, which can be viewed at a glance. Insights derived from this traffic data can be used to create business value. Traffic can be viewed across the entire network, down to the level of a single AP.

Key Benefits
- Gain visibility into the network to substantiate traffic to evaluate capacity and growth.
- Analytics provide actionable intelligence whereby businesses can take appropriate actions.
- Spot irregularities.
- Gain insights into customers & users.
- Easier troubleshooting.

▲ Statistics – Hourly Network Activity
Nuclias Connect For Admins

Simple Efficient Administration
With Nuclias Connect, network administrators can finish their jobs effectively and efficiently. For example, Nuclias Connect supports multi-tenancy, the network admins can easily grant localized management authority for local networks step by step through the system.

Effective Configuration
Nuclias Connect provides direct AP discovery and provisioning when it shares the same Layer 2 or Layer 3 network with a given AP, allowing users to find APs and import profiles with minimal effort, which can be applied as needed to individual or groups of APs for even more effective configuration.

Intuitive Centralized Management
Nuclias Connect operates transparently, an AP can be deployed anywhere in an NAT environment. Admins can provide & manage a variety of distributed deployments, including settings & admin account configuration for each deployment.

Customizable Captive Portal
Nuclias Connect allows for multiple user authentications while enabling specific access control configurations for each SSID, giving admins the option of configuring separate internal networks for different subnets, while enabling more advanced Value-Added Services, such as customizable captive portal or Wi-Fi Hotspot.
**Nuclias Connect Key Features**

- **Up to 1,500 Access Points and Switches**
- **Traffic Reporting & Analytics**
- **Remote Config. & Batch Config.**
- **Multi-Tenant & Role-Based Administration**
- **Searchable Event Log and Change Log**
- **Inexpensive Hardware Controller**
- **Authentication via Customizable Captive Portal, 802.1x and RADIUS Server, POP3, LDAP, AD, Click through, Facebook, google login**
- **Multilingual Support**
- **Payment Gateway (Paypal) Integration and Front-Desk Ticket Management**
- **Intuitive Interface**

**Download the Nuclias Connect on PC**

Enjoy the powerful management software in easy steps.

https://download.nuclias.com/

**About the Nuclias Connect App**

Monitor and manage your network remotely on an iOS or Android device.
# Nuclias Connect Key Features

## Management

<table>
<thead>
<tr>
<th>Maximum APs/Switches per Device (Controller)</th>
<th>DNC-100 Software Controller</th>
<th>DNH-100 Hardware Controller</th>
</tr>
</thead>
</table>

**Management Features**

- Setup wizard
- Device grouping
- Multi-tenancy
- Visualized topology

- Device discovery (layer 2 and layer 3)
- Report system
- Floor Plan

## User Authentication

<table>
<thead>
<tr>
<th>Authentication Method</th>
<th>Guest Portal Captive portal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Local RADIUS</td>
<td>Voucher</td>
</tr>
<tr>
<td>POP3</td>
<td>Facebook &amp; Google login</td>
</tr>
<tr>
<td>LDAP</td>
<td>Click Through</td>
</tr>
</tbody>
</table>

## Hotspot Features

- Built-in support for voucher-based authentication
- Built-in hotspot manager for voucher creation and guest management
- Rate limiting and bandwidth control for guest and hotspot portal

## Wireless Features

**RF Management and Control**

- Auto Output Power Control
- Auto Channel

- Self-healing around failed APs

**Multiple SSIDs per Radio(AP)**

- 8 SSIDs

**Advanced Wireless Features**

- Fast Roaming
- Band Steering
- IP Filtering
- MAC Filtering
- Bandwidth Optimization
- Neighbor AP Detection

## Switches Features

**Profile Settings**

- RADIUS Server
- Time Profile
- Basic : VLAN, Voice VLAN, IGMP Snooping, STP, DHCP Server Screen, Jumbo Frame, QoS, LBD, DDP, Local Credential
- IPv4 ACL

**Switch Setting**

1. Switch:
   - Basic: Device Information, Device Settings (VLAN configuration, IGMP Snooping configuration, IP connect, CPU utilization)
2. Ports: Overview, Port Traffic Usage, Port Information, Port Settings, Aggregate Management, Mirror Management, Client Information
3. 4. IP Interface
4. IP Interface
5. Routing (DGS-1100 not supported)

<table>
<thead>
<tr>
<th>Switch Port</th>
<th>Port Overview, Port Traffic Usage, Current Configuration, Status, Trouble Shooting(Cable Test, Cycle PoE), Overview Packets, Client Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch Client</td>
<td></td>
</tr>
<tr>
<td>Port Setting</td>
<td>Link, DDP, State, Port Shutdown Schedule, PoE, PoE Supply Schedule, Port Types, LBD, RSTP, STP Guard, VLAN, Access Policy</td>
</tr>
<tr>
<td>SNTP</td>
<td></td>
</tr>
</tbody>
</table>

## System Management

| Management Interface | Web-based user interface (HTTPS) |

| Minimum System Requirements | Microsoft Windows 10 or server 2016 (64 bit) | Linux Ubuntu & CentOS |

<table>
<thead>
<tr>
<th>Scheduling</th>
<th>Firmware update</th>
<th>Wireless access</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Configuration update</td>
<td>Switch port shutdown scheduling</td>
</tr>
<tr>
<td></td>
<td>PoE Supply Schedule</td>
<td></td>
</tr>
</tbody>
</table>

## Order Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNC-100</td>
<td>Nuclias Connect</td>
</tr>
</tbody>
</table>
## Nuclias Connect Device Compatibility – AP

<table>
<thead>
<tr>
<th>Model</th>
<th>DAP-X2850</th>
<th>DAP-X2810</th>
<th>DAP-2662</th>
<th>DAP-2682</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Environment</strong></td>
<td>Indoor High Density (HD)</td>
<td>Indoor Long Range (LR)</td>
<td>Indoor Long Range (LR)</td>
<td>Indoor High Density (HD)</td>
</tr>
<tr>
<td><strong>Product Image</strong></td>
<td><img src="image1.png" alt="DAP-X2850 Image" /></td>
<td><img src="image2.png" alt="DAP-X2810 Image" /></td>
<td><img src="image3.png" alt="DAP-2662 Image" /></td>
<td><img src="image4.png" alt="DAP-2682 Image" /></td>
</tr>
<tr>
<td><strong>OFDMA</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td><strong>IEEE Standard</strong></td>
<td>802.11 b/g/n/ac/ax</td>
<td>802.11 b/g/n/ac/ax</td>
<td>802.11a/b/g/n/ac</td>
<td>802.11a/b/g/n/ac</td>
</tr>
<tr>
<td><strong>Roaming</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>2.4 GHz Speed</strong></td>
<td>1147 Mbps</td>
<td>574 Mbps</td>
<td>300 Mbps</td>
<td>600 Mbps</td>
</tr>
<tr>
<td><strong>5 GHz Speed</strong></td>
<td>2402 Mbps</td>
<td>1201 Mbps</td>
<td>867 Mbps</td>
<td>1732 Mbps</td>
</tr>
<tr>
<td><strong>Number of SSIDs</strong></td>
<td>16 (8 per ratio)</td>
<td>16 (8 per ratio)</td>
<td>16 (8 per ratio)</td>
<td>16 (8 per ratio)</td>
</tr>
<tr>
<td><strong>Ethernet Interface</strong></td>
<td>1 x 2.5 Gigabit and 1 x Gigabit Ethernet</td>
<td>1 x Gigabit Ethernet</td>
<td>1 x Gigabit Ethernet</td>
<td>2 x Gigabit Ethernet</td>
</tr>
<tr>
<td><strong>PoE</strong></td>
<td>802.3at</td>
<td>802.3at</td>
<td>802.3af</td>
<td>802.3at</td>
</tr>
<tr>
<td><strong>Max Tx Power</strong></td>
<td>2.4 GHz: 28 dBm 5 GHz: 25.5 dBm</td>
<td>2.4 GHz: 23 dBm 5 GHz: 26 dBm</td>
<td>2.4 GHz: 26 dBm 5 GHz: 26 dBm</td>
<td>2.4 GHz: 23 dBm 5 GHz: 23 dBm</td>
</tr>
<tr>
<td><strong>Antenna Gain</strong></td>
<td>2.4 GHz: 3.5 dBi 5 GHz: 5.5 dBi</td>
<td>2.4 GHz: 3.2 dBi 5 GHz: 4.3 dBi</td>
<td>2.4 GHz: 3.8 dBi 5 GHz: 3.8 dBi</td>
<td>2.4 GHz: 2 dBi 5 GHz: 2 dBi</td>
</tr>
<tr>
<td><strong>Mounting Type</strong></td>
<td>Ceiling/Wall/Desktop</td>
<td>Ceiling/Wall/Desktop</td>
<td>Ceiling/Wall/Desktop</td>
<td>Ceiling/Wall/Desktop</td>
</tr>
<tr>
<td><strong>Security Lock</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
# Nuclias Connect Device Compatibility – AP

<table>
<thead>
<tr>
<th>Model</th>
<th>DAP-2610</th>
<th>DAP-2622</th>
<th>DAP-3666</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environment</td>
<td>Indoor</td>
<td>Indoor</td>
<td>Outdoor</td>
</tr>
<tr>
<td>Product Image</td>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td>OFDMA</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>IEEE Standard</td>
<td>802.11a/b/g/n/ac</td>
<td>802.11 a/b/g/n/ac</td>
<td>802.11 a/b/g/n/ac</td>
</tr>
<tr>
<td>Roaming</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2.4 GHz Speed</td>
<td>400 Mbps</td>
<td>300 Mbps</td>
<td>300 Mbps</td>
</tr>
<tr>
<td>5 GHz Speed</td>
<td>867 Mbps</td>
<td>867 Mbps</td>
<td>867 Mbps</td>
</tr>
<tr>
<td>Number of SSIDs</td>
<td>16 (8 per ratio)</td>
<td>16 (8 per ratio)</td>
<td>16 (8 per ratio)</td>
</tr>
<tr>
<td>Ethernet Interface</td>
<td>1 x Gigabit Ethernet</td>
<td>3 x Gigabit Ethernet (PoE in + PoE Out + LAN)</td>
<td>2 x Gigabit Ethernet</td>
</tr>
<tr>
<td>PoE</td>
<td>802.3af</td>
<td>802.3af</td>
<td>802.3af</td>
</tr>
<tr>
<td>Max Tx Power</td>
<td>2.4 GHz: 23 dBm 5 GHz: 23 dBm</td>
<td>2.4 GHz: 23 dBm 5 GHz: 23 dBm</td>
<td>2.4 GHz: 26 dBm 5 GHz: 26 dBm</td>
</tr>
<tr>
<td>Antenna Gain</td>
<td>2.4 GHz: 3 dBi 5 GHz: 3 dBi</td>
<td>2.4 GHz: 2 dBi 5 GHz: 2 dBi</td>
<td>2.4 GHz: 6 dBi 5 GHz: 6 dBi</td>
</tr>
<tr>
<td>Mounting Type</td>
<td>Ceiling/Wall/Desktop</td>
<td>Wall Plate</td>
<td>Pole/Wall</td>
</tr>
<tr>
<td>Security Lock</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
# Nuclias Connect Management Platform

<table>
<thead>
<tr>
<th>Model</th>
<th>DNC-100</th>
<th>DNH-100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>Software</td>
<td>Hardware</td>
</tr>
<tr>
<td>Product Image</td>
<td>![Image]</td>
<td>![Image]</td>
</tr>
<tr>
<td>Max. Managed Devices</td>
<td>1500</td>
<td>100</td>
</tr>
<tr>
<td>Built in Software Controller</td>
<td>–</td>
<td>Nuclias Connect</td>
</tr>
<tr>
<td>Medium-to-Large Enterprises &amp; Corporates</td>
<td>Large Scale Enterprise Deployment</td>
<td>Small-to-Medium Enterprises &amp; Corporates</td>
</tr>
<tr>
<td>Supported Devices</td>
<td>Access Points and Switches</td>
<td>Access Points and Switches</td>
</tr>
<tr>
<td>Interface</td>
<td>–</td>
<td>1 x Gigabit Ethernet Console port x 1 USB 3.0 x 1 Micro SD x 1</td>
</tr>
<tr>
<td>Single Sign on</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>App for Management</td>
<td>IOS and Android Mobile Phone</td>
<td>IOS and Android Mobile Phone</td>
</tr>
<tr>
<td>Mounting Support</td>
<td>–</td>
<td>Rack Mount</td>
</tr>
<tr>
<td>Supported Apps</td>
<td>Nuclias Connect Apps</td>
<td>Nuclias Connect Apps</td>
</tr>
</tbody>
</table>
# Nuclias Connect – Smart Manage

<table>
<thead>
<tr>
<th>Series</th>
<th>DGS-1210</th>
<th>DGS-1210</th>
</tr>
</thead>
<tbody>
<tr>
<td>HW Ver</td>
<td>Fx</td>
<td>Gx</td>
</tr>
</tbody>
</table>

### Product Images
![Image](image.png)

### Port Configuration
- **DGS-1210-10P**: 8xGE PoE + 2xSFP (65W PoE Budget)
- **DGS-1210-10MP**: 8xGE PoE + 2xSFP (130W PoE Budget)
- **DGS-1210-10**: 8xGE + 2xSFP
- **DGS-1210-20**: 16xGE + 4xcombo GE
- **DGS-1210-26**: 24xGE + 2xSFP
- **DGS-1210-28**: 24xGE + 4xcombo GE
- **DGS-1210-28P**: 24xGE PoE + 4xcombo GE (193W PoE Budget)
- **DGS-1210-28MP**: 24xGE PoE + 4xcombo GE (370W PoE Budget)
- **DGS-1210-52**: 48xGE + 4xcombo GE
- **DGS-1210-52MP**: 48xGE PoE + 4xcombo GE (370W PoE Budget)
- **DGS-1210-08P**: 8xGE PoE + 2xSFP (65W PoE Budget)
- **DGS-1210-16**: 16xGE + 4xcombo GE
- **DGS-1210-24**: 24xGE + 4xcombo GE
- **DGS-1210-24P**: 24xGE PoE + 4xcombo GE (193W PoE Budget)
- **DGS-1210-48**: 48xGE + 4xcombo GE

### Wizard
- Discovery: Yes
- Dashboard: Yes

### Dashboard
- Tx/Rx (MB) Traffic Usage: Yes
- PoE Usage/Utilization: Yes
- Latest Events (logs): Yes

### Monitor
- **Switch**
  - Basic: Yes
  - Ports: Yes
  - IP Interface: Yes
  - Routing: Yes
  - Tools: Yes
- Switch Client: Yes
- Switch Port: Yes

### Topology
- Show Network Info, Change Background Picture, Auto Arrangement, Topological Legend, Connect To Display, Re-Discovery, Edit, Search, Export: Yes

### Configuration
- RADIUS Server: Yes
- Time Profile: Yes
- Basic: Yes
- IPv4 ACL: Yes
- Access Policy: Yes
- Port Setting: Yes
- SNTP: Yes
- Firmware Update: Yes
- SSL Certificate: Yes

### Report
- Hourly Network Activity, Daily Network Activity, Top Ranking: Yes

### Log
- Device Syslog, System Event Log, Device Log, Audit Log, Alerts: Yes

### System
- Device Management: Yes

---

1. Basic: Device Information (including the Memory Usage%), Device Settings (VLAN configuration, IGMP Snooping configuration), IP connect, CPU utilization
2. Ports: Overview, Port Traffic Usage, Port Information, Aggregate Management, Mirror Management, Client Information
3. Tools: Ping, MAC Forwarding Table, Cable Test, Cycle PoE (available for PoE device), Locate Device, Copy Configuration to Other Device
4. Switch Port: Overview, Port Traffic Usage, Current Configuration/Profile, Status, Trouble Shooting (Cable Test, Cycle PoE), Overview Packets, Client Information
5. Basic: VLAN, Voice VLAN, IGMP Snooping, STP, DHCP Server Screen, Jumbo Frame, Quality of Service, LBD, DDP, Local Credential
### Nuclias Connect – Smart Manage

<table>
<thead>
<tr>
<th>Series</th>
<th>DGS-1100V2</th>
<th>DXS-1210</th>
</tr>
</thead>
<tbody>
<tr>
<td>HW Ver FFx</td>
<td>Ax</td>
<td>B1</td>
</tr>
</tbody>
</table>

**Product Images**

**Port Configuration**

- **DGS-1100-10MPV2**: 8xGE PoE + 2xSFP (130W PoE Budget)
- **DGS-1100-10MPPV2**: 8xGE PoE + 2xSFP (242W PoE Budget)
- **DGS-1100-16V2**: 16xGE
- **DGS-1100-18PV2**: 16xGE PoE + 2xGE Combo (130W PoE Budget)
- **DGS-1100-24V2**: 24xGE
- **DGS-1100-24PV2**: 12xGE PoE + 12xGE (110W PoE Budget)
- **DGS-1100-26MPV2**: 24xGE PoE + 2xGE combo (370W PoE Budget)
- **DGS-1100-26MPPV2**: 24xGE PoE + 2xGE combo (525W PoE Budget)

- **DXS-1210-10TS**: 8x10GE + 2xSFP+
- **DXS-1210-12TC**: 8x10GE + 2xSFP+ + 2xcombo 10GE
- **DXS-1210-12SC**: 10xSFP+ + 2xcombo 10GE
- **DXS-1210-16TC**: 12x10GE + 2xSFP+ + 2xcombo 10GE

<table>
<thead>
<tr>
<th>Wizard</th>
<th>Discovery</th>
<th>Yes</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dashboard</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PoE Used/Utilization</td>
<td>Yes</td>
<td>–</td>
<td></td>
</tr>
<tr>
<td>Latest Events (logs)</td>
<td>Yes</td>
<td>–</td>
<td></td>
</tr>
</tbody>
</table>

**Switch**

<table>
<thead>
<tr>
<th>Switch</th>
<th>Basic</th>
<th>Yes</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ports</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>IP Interface</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Routing</td>
<td>–</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Tools</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

- **Switch Client**: Yes
- **Switch Port**: Yes

**Topology**

- **Show Network Info, Change Background Picture, Auto Arrangement, Topological Legend, Connect To Display, Re-Discovery, Edit, Search, Export**: Yes

**Configuration**

<table>
<thead>
<tr>
<th>Profile</th>
<th>RADIUS Server</th>
<th>Yes</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time Profile</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Basic</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>IPv4 ACL</td>
<td>–</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Access Policy</td>
<td>–</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Port Setting</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>SMTP</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

- **Firmware Update**: Yes
- **SSL Certificate**: Yes

**Report**

- **Hourly Network Activity, Daily Network Activity, Top Ranking**: Yes

**Log**

- **Device Syslog, System Event Log, Device Log, Audit Log, Alerts**: Yes

**System**

- **Device Management**: Yes

---

1. Basic: Device Information (including the Memory Usage%), Device Settings (VLAN configuration, IGMP Snooping configuration), IP connect, CPU utilization
2. Ports: Overview, Port Traffic Usage, Port Information, Aggregate Management, Mirror Management, Client Information
3. Routing: DGS-1100 not supported
4. Tools: Ping, MAC Forwarding Table, Cable Test, Cycle PoE (available for PoE device), Locate Device, Copy Configuration to Other Device
5. Switch Port: Overview, Port Traffic Usage, Current Configuration/Profile, Status, Trouble Shooting (Cable Test, Cycle PoE), Overview Packets, Client Information
6. Basic: VLAN, Voice VLAN, IGMP Snooping, STP, DHCP Server Screen, Jumbo Frame, Quality of Service, LBD, DDP, Local Credential