

Manual how to bind the DGS-1210 Switches into the Nuclias Connect

For Nuclias Connect Hardware DNH-100 Rev.A and Nuclias Connect Software DNC-100
For DGS-1210 Rev.F and Rev.G

To bind the **DGS-1210** with **Hardware Revision (Rev.) F and G** into the **Nuclias Connect** please follow these steps.

1. Requirements

- **DGS-1210** Switch in **Rev.F** with **firmware version 6.30.xx or higher**
- **DGS-1210** Switch in **Rev.G** with **firmware version 7.30.xx or higher**

This you can download from our D-A-CH-BE-NE-LUX web sites <https://www.dlink.com> or from https://ftp.dlink.de/dgs/dgs-1210/driver_software/

- **DNH-100** Nuclias Conenct Hub with the actual **Firmware 1.2.0.1** or higher.
Or **DNC-100** Nuclias Connect Software in the actual **Version 1.2.0.9** or higher.

2. Preparations

Different to the DAP Access Points the DGS-1210 must be pre-configured so far that it got an IP-address from the DHCP-Server in the network or has a static IP-address compatible to the network.

By default the DGS-1210 has the static IP-address **10.90.90.90** with subnet mask **255.0.0.0**

Change the TCP/IP of the network connection temporarily to configure the DGS-1210.

Alternative or if you don't know the IP-address of your DGS-1210 you can use our Software **D-Link Network Assistant (DNA)** to find it out or to change it. See following screenshot.

You can download the **DNA** from

https://ftp.dlink.de/software/DNA/D-Link_Network_Assistant_DNA_40021_all_en.zip

With the PC mouse go over the DGS-1210 entry and then click onto **IP** on the right. Then you can change the IP-address of the DGS-1210.

	Type / Status	Auth.	System Name	IP Address	MAC	Model	SNMP	FW Ver.
				192.168.0.11	80-26-89-f5-12-a7	DGS-1100-08P	<input type="checkbox"/>	1.00.B031
IP				10.90.90.90	00-ad-24-d9-66-38	DGS-1210-16	<input type="checkbox"/>	7.10.008

Note:

In the following steps granting that you already made a setup in your DNH-100 / DNC-100 (**following named as NC**) and have it in use with DAP-models, so the NC has a basic setup already.

3. Call the setup of your NC and log-in.

We recommend to use the English setup because the translation in other languages isn't fine sometimes.

- Chose **English**.
- Enter the username **admin** and your configured Admin-password.
- If necessary enter the displayed CAPTCHA.
- Click onto **Login**.



4. On the left go to the menu **Configuration** and then **Create Profile**.

Upper-right click onto **Add Network** to create a new Switch-Profile.

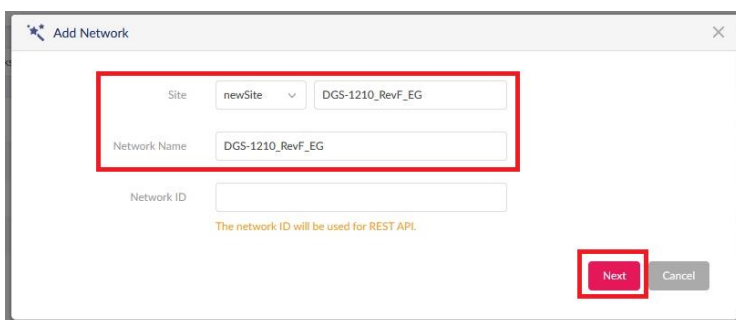


Note:

Switches can't be bound into AP-Profiles, also AP not into Switch-Profiles.

5. Create a **newSite**.

Give the site and the network a name and then click onto **Next**.



6.

- Chose the **Country** where the switch has to work.
- If necessary modify the **Time Zone**.
- Set a hook at **Switch**.

- At **Series Supported** a hook must be at **DGS-1210**.

- At **Password** you must enter the Admin-password this the DGS-1210 has to get from the NC-Profile as soon as it will be bound-in.

Click onto **Next**.

Network Configurations

General Settings

Country: Germany

Time Zone: (GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm

Device Type: Access Point Switch

Access Point

Switch

Series Supported: DGS-1210

Username: admin

Password: *****

Back Next Cancel

7. Normally it is fine to use **Layer 2**.

Click onto **Next**.

Discover Network Settings

Layer 2

Layer 3 (IP)

Select one... +

Back Next Cancel

8. Upper-left click onto **Discovery** to let search for DGS-1210 switches.

Discover Device

Start Discovery

Configurable Managed

Device Type: Switch X MAC Address Search Keyword

State IP Address MAC Address Model Number Import Result NMS URL Network

No Device yet.

Import Network Profile: admin ***** Import

Back Apply & Exit Cancel

9. The in the network available and compatible DGS-1210 will be found.

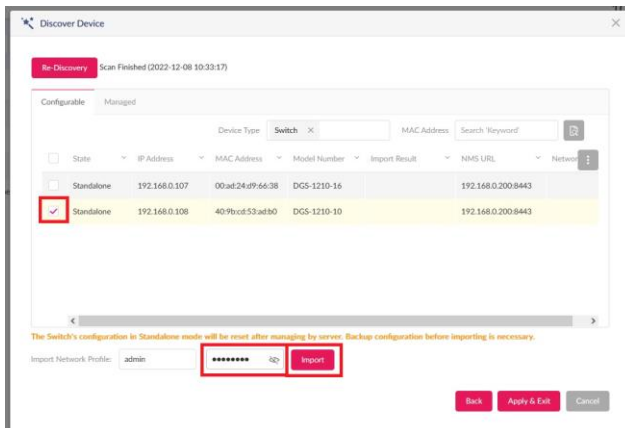
Mark the DGS-1210 this you want to bid into the NC-Profile.

Enter the Admin-password **this the DGS-1210 actually has**.

- The default Admin-password is admin.

- If you already have changed the Admin-password then enter this.

Click onto **Import** to take over the marked DGS-1210 into the NC-Profile.



Recommendation!!

For each DGS-1210 create an own NC-Profile.

Else it can become difficult because the NC displays all LAN ports of all DGS-1210 in the NC-profile like they are one DGS-1210.

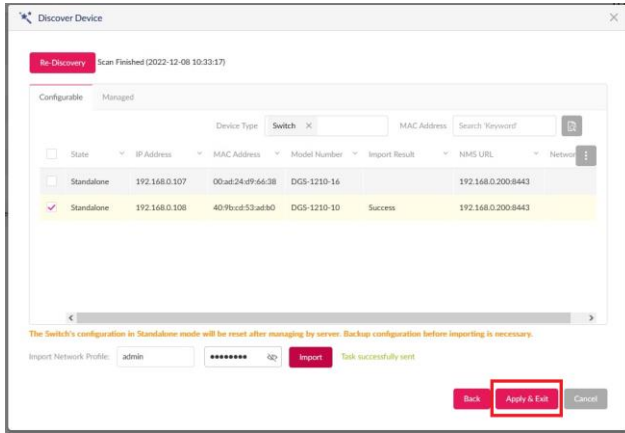
Example: The LAN ports of three DGS-1210-10P will be listed as 30 ports – a differentiation which port if from which switch won't be so easy.

10. Click onto **Yes**.

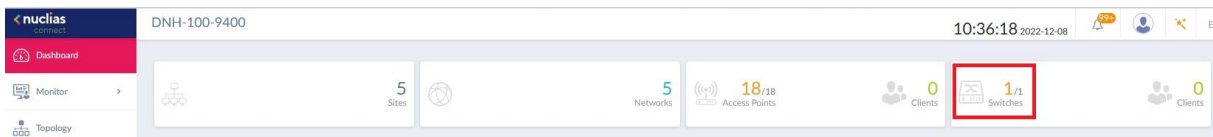


11. The displayed NC **flickers** a few times now.
Please wait until this ends.

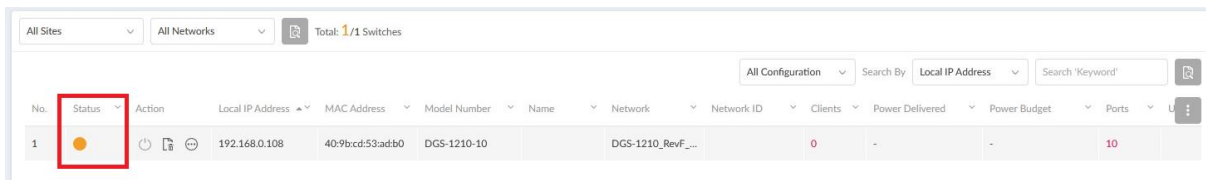
Click onto **Apply & Exit**.



12. After 3-5 minutes the switch will be displayed in the **Dashboard**.
Click onto this...

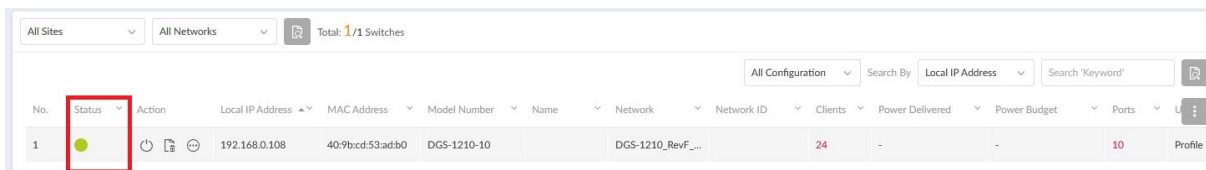


... then the **Status** of the DGS-1210 will be displayed.
Normally at this moment it is boarding.
Status is orange = Boarding



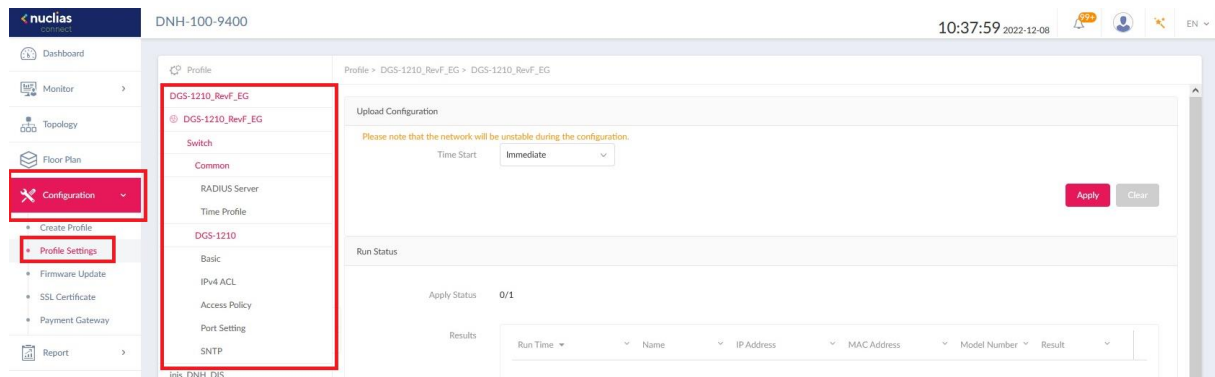
After additionally 3-5 minutes the Status is green = Connected

The DGS-1210 can be managed and configured via the NC now.



13. To access the possible settings of the DGS-1210 in the NC, on the left go to the menu **Configuration** and then **Profile Settings**.

There inside the created profile of the DGS-1210 you can make several settings.



Note:

Unfortunately it is not possible to make all settings of a DGS-1210 via the NC (yet).






The DGS-1210 still has the fully setup like a standalone switch.
The access is via a web browser via his IP-address.

The Admin-password is this you configured via the NC profile (see step 9 on page 4).

With it the binding of the DGS-1210 Rev.F and/or G into the Nuclias Connect is finished.

Example:

Each a DGS-1210 Rev.F and G is bound into the Nuclias Connect:

No.	Status	Action	Local IP Address	MAC Address	Model Number	Name	Network	Network ID	Clients	Power Delivered	Power Budget	Ports	U
1	●	  	192.168.0.107	00:ad:24:d9:66:38	DGS-1210-16	DGS-1210_RevG...			24	0.00 W	-	20	Profile
2	●	  	192.168.0.108	40:9b:ccd:53:adb:0	DGS-1210-10	DGS-1210_RevF...			24	0.00 W	-	10	Profile