



**Firmware Version:** 2.05.000  
**Boot Code Version:** 1.00b12  
**Nuclias Portal Version:** 2.2.0.12  
**Published:** Feb. 16, 2023

These release notes include important information about D-Link Nuclias Access Point firmware revisions. Please verify that these release notes are correct for your Access Point:

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## Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version	Remark
2.05.000	16-Feb.-2023	DBA-X2830P	A1	Official release
2.04.000	31-Oct.-2022	DBA-X2830P	A1	Official release
2.03.002	13-Jan.-2022	DBA-X2830P	A1	Official release
2.03.001	26-Oct.-2021	DBA-X2830P	A1	Official release
2.01.001	23-March-2021	DBA-X2830P	A1	Official release
2.01.000	10-Nov.-2020	DBA-X2830P	A1	Official release
2.00.000	22-June-2020	DBA-X2830P	A1	1st release

## Upgrade Instructions:

When the device added to Nuclias portal, the Nuclias portal will automatically update the Access Point firmware to the latest version. User can go to SETTINGS→Firmware → ACCESS POINT UPGRADE to change the firmware upgrade policy and there are three options:

### ACCESS POINT UPGRADE

DBA-1210P DBA-1510P DBA-1520P DBA-2520P DBA-2620P DBA-2720P DBA-2820P  
DBA-3620P DBA-3621P DBA-X1230P DBA-X2830P

Model no. DBA-X2830P  
Current version 0.00.001  

Upgrade version 0.00.001  
☒ Follow upgrade window  
☐ Reschedule the upgrade to  
☐ Perform the upgrade now

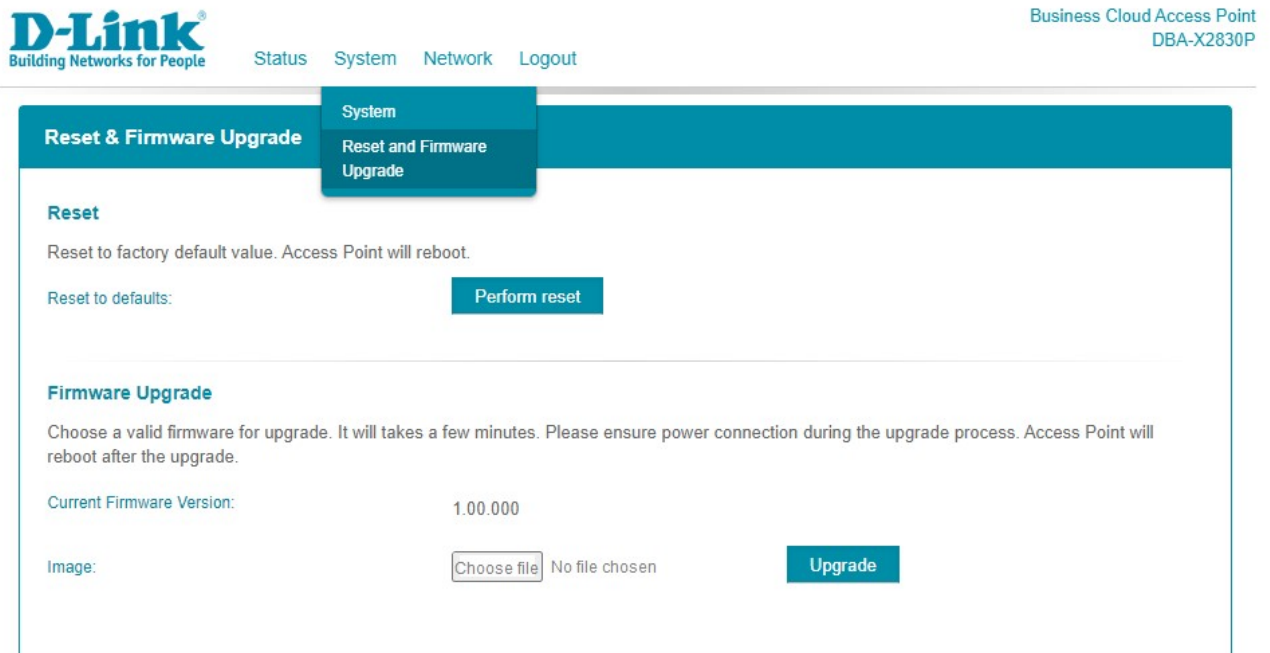
#	Model no.	Devices	Current firmware version	Firmware status	Upgrade schedule	Last upgrade time
1	DBA-X2830P	0	0.00.001	Up to date	Follow upgrade window (Wednesday, 4:00 PM)	06/17/2020

Cancel Save

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Or, user can upgrade Access Point through local GUI, please follow up the following steps.

1. Use an Ethernet cable to connect the device to the management PC or to the switch or router the management PC is connected to.
2. Open the web browser and type in the default host name of the device and press Enter. The default host name is DBA-X2830P-XXXX where XXXX represent the last 4 characters of the MAC address listed on the device label located on the bottom of the device.
3. Enter username and password then press OK to login. The username and password are "admin" and "admin" by default.
4. To update AP's firmware, select **System > Reset and Firmware Upgrade** from the banner.



**D-Link**  
Building Networks for People

Business Cloud Access Point  
DBA-X2830P

Status System Network Logout

**Reset & Firmware Upgrade**

System  
Reset and Firmware Upgrade

**Reset**  
Reset to factory default value. Access Point will reboot.

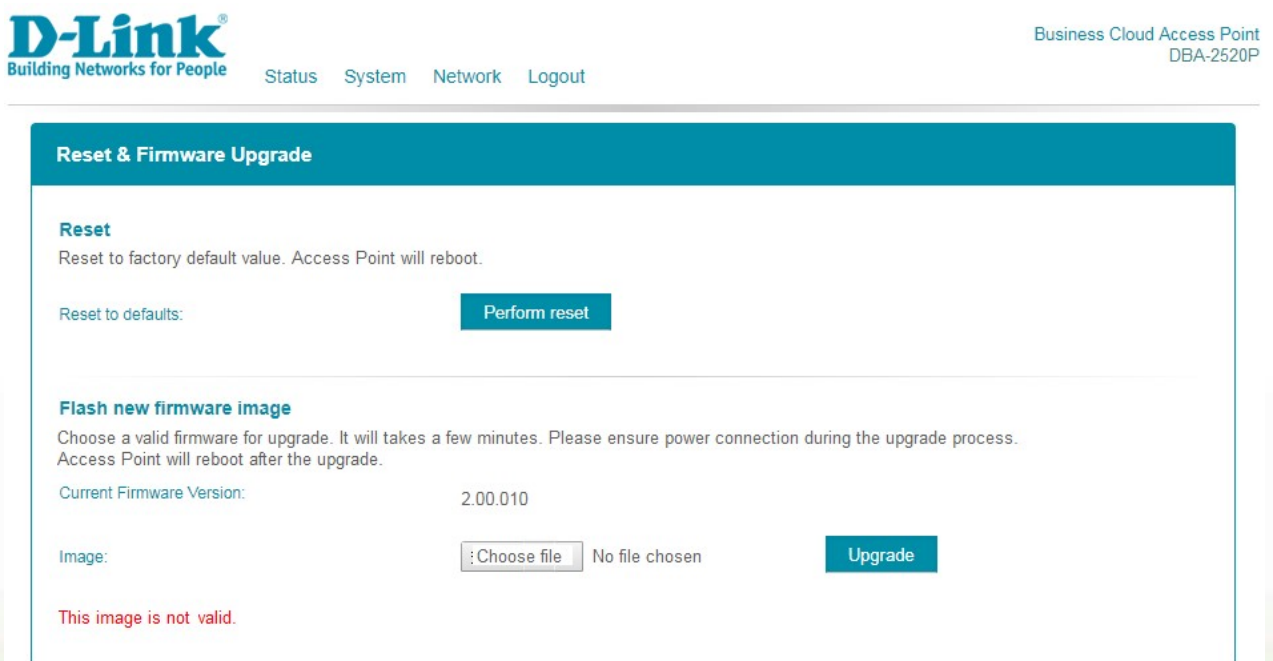
Reset to defaults:

**Firmware Upgrade**  
Choose a valid firmware for upgrade. It will takes a few minutes. Please ensure power connection during the upgrade process. Access Point will reboot after the upgrade.

Current Firmware Version: 1.00.000

Image:  No file chosen

5. Select **Reset and Firmware Update** to upgrade the firmware to or from your local drive of PC.



**D-Link**  
Building Networks for People

Business Cloud Access Point  
DBA-2520P

Status System Network Logout

**Reset & Firmware Upgrade**

**Reset**  
Reset to factory default value. Access Point will reboot.

Reset to defaults:

**Flash new firmware image**  
Choose a valid firmware for upgrade. It will takes a few minutes. Please ensure power connection during the upgrade process. Access Point will reboot after the upgrade.

Current Firmware Version: 2.00.010

Image:  No file chosen

This image is not valid.

- a. Click **"Choose file"** to browse your inventories for a saved firmware file
- b. Click **Upgrade** after selecting the firmware file you want to upgrade
- c. It will be downloading the firmware file to DUT.
- d. When download success, do not power off.
- e. Wait until display the login page

## New Features:

Firmware Version	New Features
2.05.000	<ol style="list-style-type: none"> <li>1. Support new ECP authentication method: External Captive Portal with email authentication.</li> <li>2. Add SNR (Signal Noise Ratio) for the client.</li> <li>3. Add traffic limit (bandwidth per session) feature to Captive Portal.</li> </ol>
2.03.001	<ol style="list-style-type: none"> <li>1. Captive Portal enhancement: Allow Captive Portal to work in different SSID VLAN.</li> <li>2. Support RADIUS Accounting Interim-Update Parameters.</li> <li>3. Support Session-timeout of Captive Portal from RADIUS server.</li> <li>4. Update embedded certificate.</li> <li>5. Support Facebook Wi-Fi (in Nuclias 2.2.1)</li> </ol>
2.01.000	<ol style="list-style-type: none"> <li>1. Support fast roaming</li> <li>2. Support NAS-ID attribute</li> <li>3. Captive Portal VLAN enhancement</li> </ol>
2.00.000	First release

## Changes of Command Line Interface:

The section below only shows command line changes that may bring backward compatibility issues with configuration settings for previous version of firmware. Any new feature commands that do not have backward compatibility issues are not included in the below section.

Firmware Version	Changes
2.00.000	First Release

## Problem Fixed:

Firmware Version	Problems Fixed
2.05.000	<ol style="list-style-type: none"> <li>1. Fix maximum client downstream/upstream limit issue.</li> <li>2. Improve Captive Portal, change block traffic to default.</li> </ol>
2.04.000	<ol style="list-style-type: none"> <li>1. Fix the issue of not being able to connect after Scheduled SSID is re-enabled. (<a href="#">DI20220303000001</a>)</li> <li>2. Fixed Daylight-Saving Time not syncing with Nuclias Portal. (<a href="#">DI20220318000002</a>)</li> </ol>
2.03.002	<ol style="list-style-type: none"> <li>1. Fix Kernal's network session counter did not reset at Captive Portal, when the client rejoining before the session timeout (<a href="#">DI20211101000003</a>)</li> <li>2. Modify the meaning of the alternate flashing red and orange status. (<a href="#">DI20211112000001</a>)</li> <li>3. Fixed the issue that the LED light would turn red after selecting only 2.4GHz setting for SSID. (<a href="#">DI20211116000002</a>)</li> </ol>
2.03.001	<ol style="list-style-type: none"> <li>1. Modify Link Aggregation related items. (<a href="#">DI20200909000003</a>)</li> <li>2. Fixed the issue that the Neighbor AP function could not work normally when the SSID is turned off according to the schedule setting. (<a href="#">HQ20201130000010</a>)</li> <li>3. Fix the issue that the SSID schedule will be incorrect when the on/off mixed settings. (<a href="#">DI20210107000001</a>)</li> <li>4. Fix the issue that AP cannot coming back online after firmware update. (<a href="#">DI20210203000002</a>)</li> <li>5. Fix the issue that the login screen is not returned after resetting on Local Web GUI. (<a href="#">DI20210406000002</a>)</li> <li>6. Fixed an issue where Cloud UI would display old channel info after DFS. (<a href="#">DI20210331000002</a>)</li> <li>7. Fix the issue of FragAttacks (fragmentation and aggregation attacks) vulnerabilities on Wi-Fi devices.</li> <li>8. Fix Client connection records do not apply on some VAPs.</li> <li>9. Fix Cookies Attribute issue (<a href="#">OnSec-TC-02005001</a>,</li> </ol>

	<a href="#">HQ20210604000006</a> 10. Improve the mechanism of client IP reporting. ( <a href="#">DI20210705000003</a> )
2.01.001	1. Fixed the issue that AP could not be online after firmware update. ( <a href="#">DI20210203000002</a> ) 2. Solve the problem that the device can not completely boot up if the device does not obtain the IP address.
2.01.000	1. Fix User can't access Walled Garden before authentication. ( <a href="#">DI20200424000001/HQ20200531000001</a> ) 2. Fix Force auto channel scan issue. ( <a href="#">DI20200729000001/HQ20200731000008</a> ) 3. When the user selects the ECP function of Captive Portal, the ECP page cannot be displayed normally. (Need to be used with Nuclias Portal v2.1.3 or later) 4. New radar patterns issue in JP region. 5. Fix HITCON security vulnerability issue. 6. Solve the channel display problem (Show the previous channel instead of the current channel). ( <a href="#">DI20200910000002/HQ20200914000002</a> ) 7. Fixed the issue that DUT would not post beacons on ath05, ath06 and ath07 after rebooting. ( <a href="#">DI20200918000001/HQ20200922000013</a> ) 8. Fix the problem that IPv6 LLMNR and SSDP will not be flooded when IGMP Snooping is enabled. ( <a href="#">DI20200916000001/HQ20200916000008</a> )
2.00.000	First Release

\* D-Link tracking number is enclosed in ()

## Known Issues:

Firmware Version	Issues	Workaround


**Related Documentation:**

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- DBA-X2830P A1 QIG V1.0
- Nuclias user manual