



Firmware Version: 1.00.024
MIB Version: DXS-1210-
R1.00-MIB-
20200515.zip
D-View Module Version: NA
Published: June. 15, 2020

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

- If you are installing a new switch, please check the hardware version on the device label; make sure that your switch meets the system requirement of this firmware version. Please refer to [Revision History and System Requirement](#) for detailed firmware and hardware matrix.
- If the switch is powered on, you can check the hardware version by typing "show switch" command via Telnet or by checking the device information page on the web graphic user interface.
- If you plan to upgrade to the new firmware release, please refer to the [Upgrade Instructions](#) for the correct firmware upgrade procedure.

For more detailed information regarding our switch products, please refer to [Related Documentation](#).

You can also download the switch firmware, D-View modules and technical documentation from <http://tsd.dlink.com.tw>.

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Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
Runtime: v1.00.024	15-Jun.-20	DXS-1210-28T DXS-1210-28S	A1

Upgrade Instructions:

D-Link Smart Switches support firmware upgrade via TFTP server. You can download the firmware from D-Link web site <http://tsd.dlink.com.tw>, and copy the downloaded firmware to the TFTP server folder. Please make sure that the TFTP server is accessible from the switch via networks.

Upgrade using CLI (via Telnet)

1. Make sure the network connection between the switch and PC is active.
2. Use software that supports telnet, for example, HyperTerminal or Telnet command in Microsoft Windows, to connect to the switch. If you are using Telnet command, type the command followed by the switch IP address, eg. *telnet 10.90.90.90*.
3. The logon prompt will appear.

The switch will prompt the user to enter his/her username and password. It should be noted that upon the initial connection, both the default user name and password are **admin**.

To upgrade the switch firmware, execute the following commands:

Command	Function
copy tftp://location/filename flash: {Image1 Image2}	Download firmware file from the TFTP server to the switch.
Boot image {Image1 Image2}	Change the boot up image file.
Show boot	Display the information of current boot image and configuration.
reboot	Reboot the switch

Example:

DXS-1210-28T:

Command: copy tftp: //10.90.90.99/DXS1210/DXS-1210_Run_1_00_024.had flash: Image1

```
Address of remote host [10.90.90.99]?
Source filename [DXS120/DXS-120_Run_1_00_024.had]?
Accessing tftp:// 10.90.90.99/DXS120/DXS-120_Run_1_00_024.had...
Transmission start...
Transmission finished, file length 8709008 bytes.
Please wait, programming flash..... 100 %
Please wait, programming flash for language files .....Done.
```

```
Switch#
Switch#configure terminal
Switch(config)#boot image Image1
Switch(config)#end
Switch#sh boot
```

```
Unit 1
Boot image: /c:/Image1
Boot config: /c:/Config1
```

```
Switch#reboot
```

```
Are you sure you want to proceed with the system reboot?(y/n) y
Please wait, the switch is rebooting...
```

Upgrade using Web-UI

1. Connect a workstation installed with java SE runtime environment to any switch port of the device.
2. Open the web browser from the workstation and enter the IP address of the switch. The switch's default IP address is 10.90.90.90.
3. Enter administrator's password when prompted. The password is **admin** by default.
4. Two methods can be selected to update switch's firmware or configuration file. A. Go to **Tools > Firmware Upgrade & Backup > Firmware Upgrade from HTTP** from the banner. B. Go to **Tools > Firmware Upgrade & Backup > Firmware Upgrade from TFTP** from the banner.

Firmware Upgrade from HTTP

Source File Browse...

Destination File

Firmware Upgrade from TFTP

TFTP Server IP IPv4
 IPv6

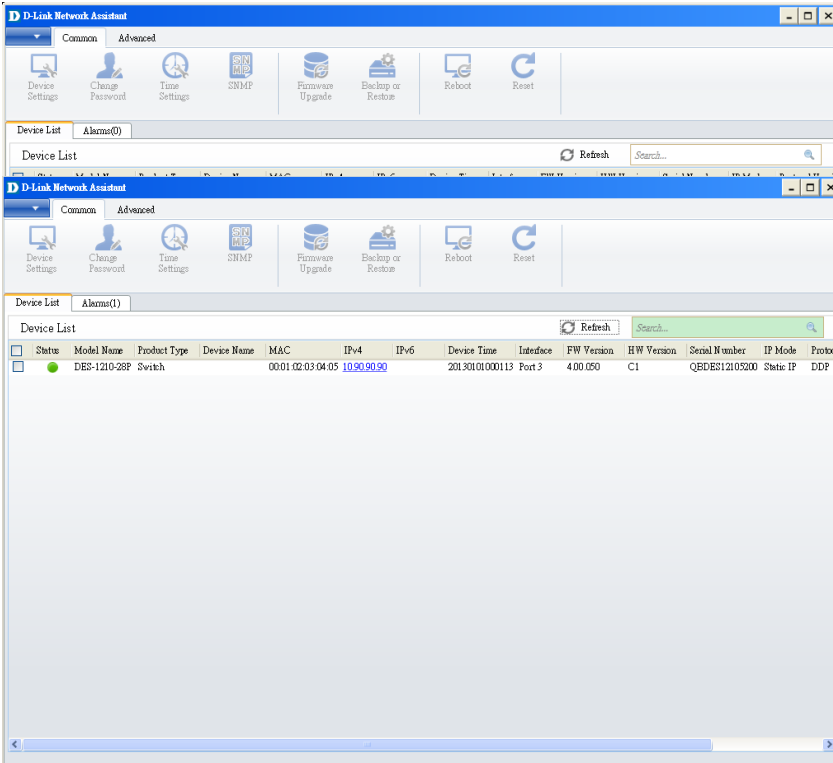
Source File

Destination File

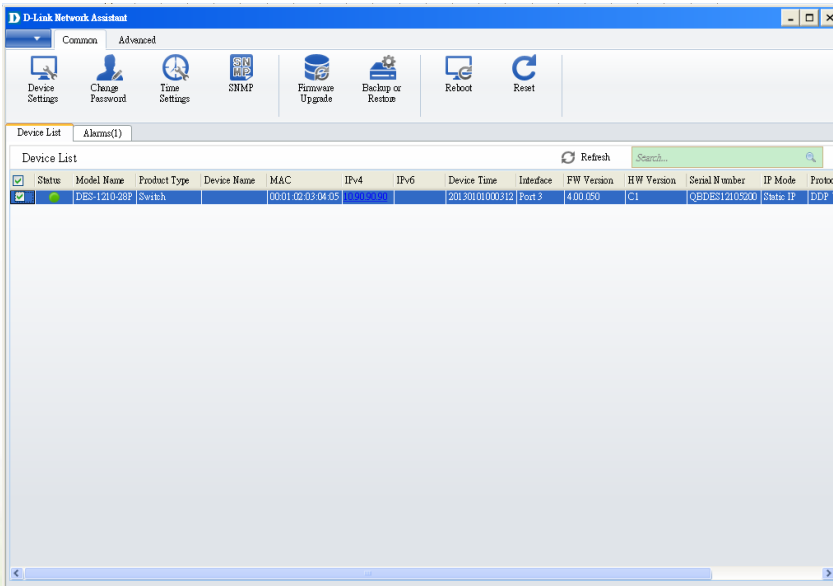
Upgrade using D-Link Network Assistant

1. Connect a workstation installed with java SE runtime environment to any switch port of the device

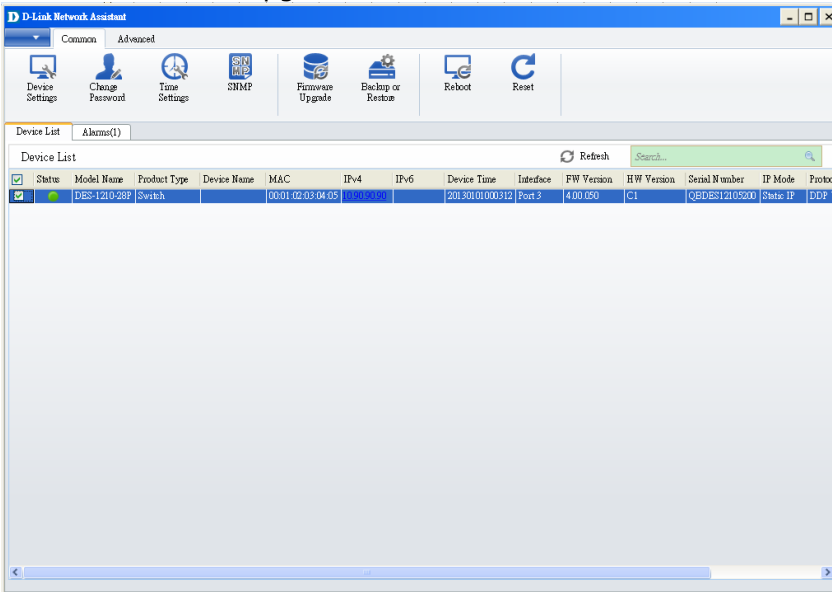
1. Execute D-Link Network Assistant



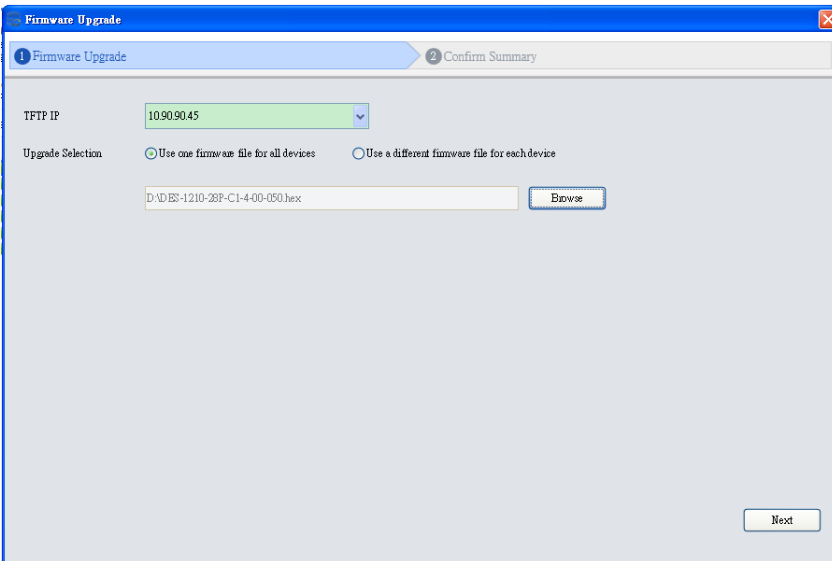
4. Single click the icon of the column to choose the target switch



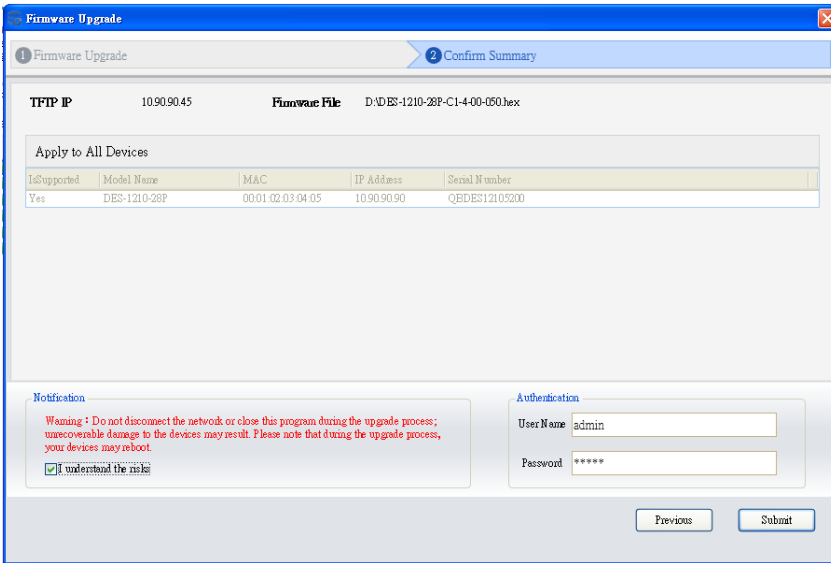
5. Click Firmware Upgrade button



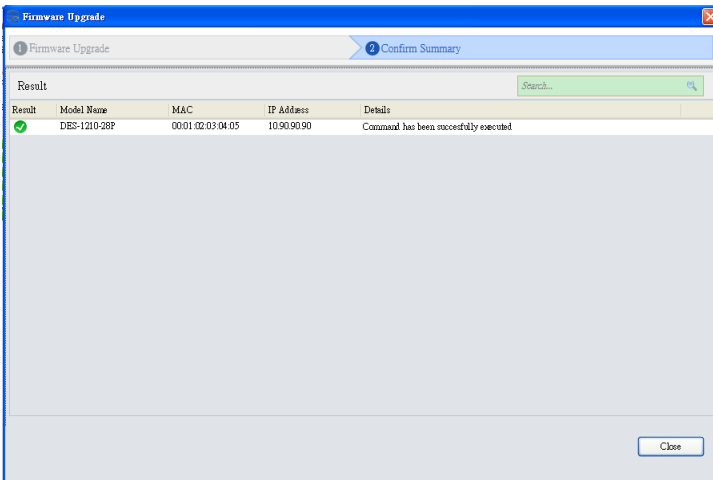
6. Select PC IP address is used to connect the target switch, then click Browse button and select the firmware file (Model name_HW ver._FW ver. .hex) on your local hard drive.



7. Click the checkbox and click "Submit" button to start firmware upgrade.



8. Once the message changed to success, click "Close" button to complete and exit the firmware upgrade



New Features:

Firmware Version	New Features
V1.00.024	First Release

Changes of MIB Module:

For detailed changes of MIB content, please refer to the modification history in each MIB file.

Firmware Version	MIB File	New Features

V1.00.024	DXS-1210-R1.00-MIB-20200515	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
V1.00.039	N/A

Problem Fixed:

Firmware Version	Problems Fixed
V1.00.024	First release

* D-Link tracking number is enclosed in ()

Known Issues:

Firmware Version	Issues	Workaround
V1.00.024	<ol style="list-style-type: none"> 1. ACL-Ethernet - MAC_Fault Detected for incorrect MAC Address Format can be configured on Web UI. 2. The system name can input invalid characters. 3. Some entry will not display Port Auto Negotiation detail parameter. 4. DXS-1210 doesn't support DNS-TFTP. 5. The target MAC address of gratuitous ARP packet is FFFFFFFF. 6. MAC_Address_Collision_Test_Random_MAC_Addresses: The packet loss rate of random mode is more than 18K DUT. Cannot pass criteria of packet loss rate less than 1%. 	

- | |
|--|
| 7. Cannot mirror 100 jumbo frames in two sources to one destination setting under full speed. It's chipset limitation. |
| 8. Storm Control: Switch set 0 Kbps that is the max. forwarding rate. |
| 9. When link partner is link-down, the cable diagnostics will not get the correct value. |
| 10. Lack of OID for 'dLbdLoopOccurred', 'dLbdLoopRestart', 'dLbdVlanLoopOccurred' and 'dLbdVlanLoopRestart' |
| 11. No specified fan description by SNMP, there is different display between CLI and SNMP. |
| 12. Health Diagnostic test in ASV 2.0 can't detect correct distance via CAT6A and CAT5e. |
| 13. The remaining applicable IP related access entries do not decrease after bind onto port interface (direction in).., always left 1536. |
| 14. Unable to show loop status immediately for all tested ports(action: none), loop status show up within 5 minutes. (It's chipset behavior) |
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Related Documentation:

- DXS-1210-28T/S A1 Web Manual, CLI Manual, Hardware Manual V1.0
- DXS-1210-28T/S A1 Getting Started Guide