Firmware Version:	6.10.007
Boot Code Version:	1.00.010
MIB Version:	6.00.011
D-View Module Version:	NA
Published:	Nov. 07, 2017

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.

Content:

Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
Runtime: v6.10.007 Boot: 1.00.010	07-Nov.-17	DGS-1210-10 DGS-1210-10P DGS-1210-10MP DGS-1210-20 DGS-1210-26 DGS-1210-28 DGS-1210-28P DGS-1210-28MP DGS-1210-52 DGS-1210-52MP	F1
Runtime: v6.00.016 Boot: 1.00.009	10-Apr.-17	DGS-1210-10 DGS-1210-10P DGS-1210-10MP DGS-1210-20 DGS-1210-26 DGS-1210-28 DGS-1210-28P DGS-1210-28MP DGS-1210-52 DGS-1210-52MP	F1

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 command:

Command	Function
download{firmware_fromTFTP tftp://ip-address/filename | cfg_fromTFTP tftp://ip-address/filename}	Download firmware file from the TFTP server to the switch.

When completing firmware upgrade, the following messages will pop up.
```
Device will reboot after firmware upgraded successfully
Image upgraded successfully
```

4. Execute the following command to check the firmware version and switch's information.

Command	Function
show switch	Display the information of current firmware and boot version.

Example:

1. **DGS-1210-28MP:**
   ```
   Command: download firmware_fromTFTP tftp://10.90.90.91
   DGS-1210-28MP-F1-6-00-011.hex
   Device will reboot after firmware upgraded successfully
   Image upgraded successfully
   ```

2. **DGS-1210-28MP:**
   ```
   Command: show switch
   DGS-1210-28MP> show switch
   System name                    :
   System Contact                 :
   System Location                :
   System up time                 : 0 days, 0 hrs, 5 min, 44 secs
   System Time                    : 01/01/2017 00:05:07
   System hardware version         : F1
   System firmware version         : 6.00.011
   System boot version             : 1.00.005
   System serial number            : QBDGS12102800
   MAC Address                    : 00-01-AA-AA-E1-28
   ```

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. To update switch's firmware or configuration file, select *Tools > Firmware Backup & Upgrade* from the banner.

5. Two methods can be selected : **HTTP** or **TFTP**
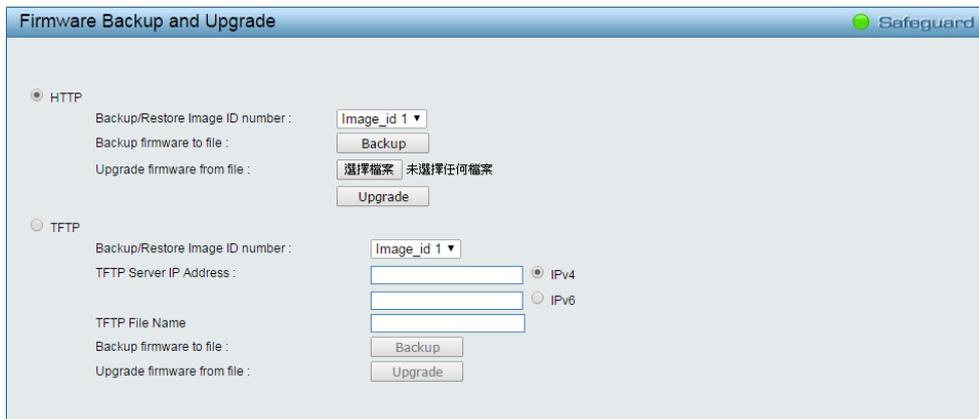
6. Select **HTTP** to upgrade the firmware to or from your local drive of PC.
    a. Click **Browse** to browse your inventories for a saved firmware file
    b. Click **Upgrade** after selecting the firmware file you want to restore
    c. Click **OK** to continue with firmware upgrade

    d. Click **OK** to continue with firmware upgrade
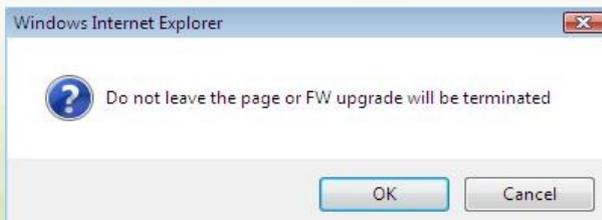
    e. Wait until the "Firmware Upgrade Successful" message pops up and login again after device boots up.

7. Select **TFTP** to upgrade the firmware to or from a remote TFTP server.
   a. Enter the name of the firmware file located on the TFTP server
   b. Click **Upgrade** after selecting the firmware file you want to restore
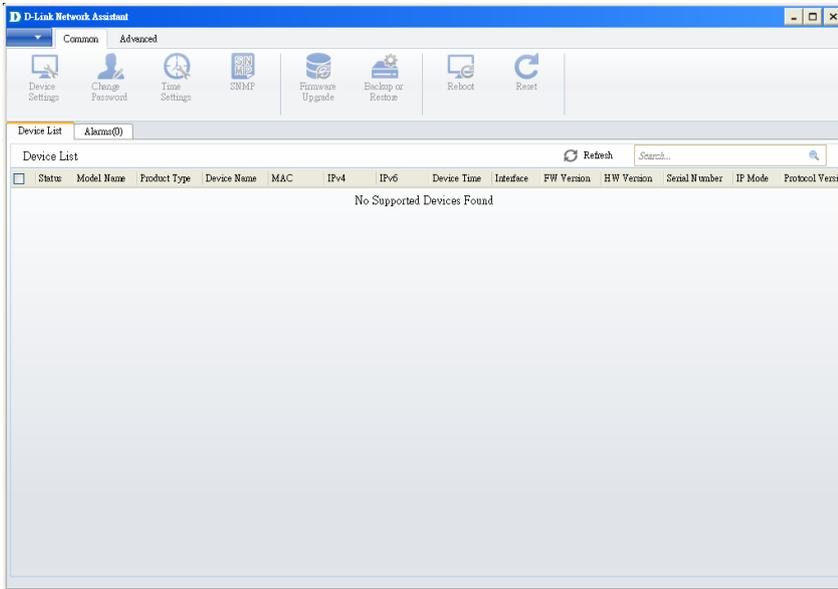   c. Click **OK** to continue with firmware upgrade

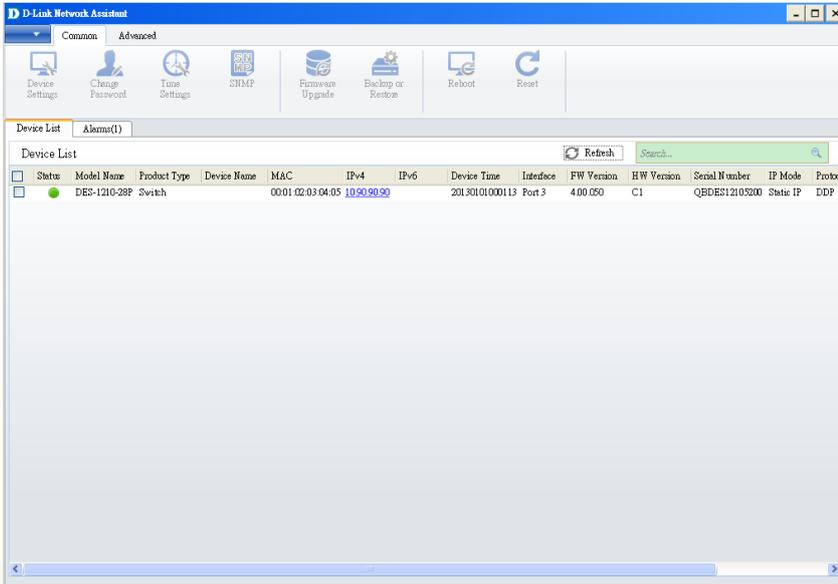   d. Wait until the firmware upgrade ends and login again after device boots up.

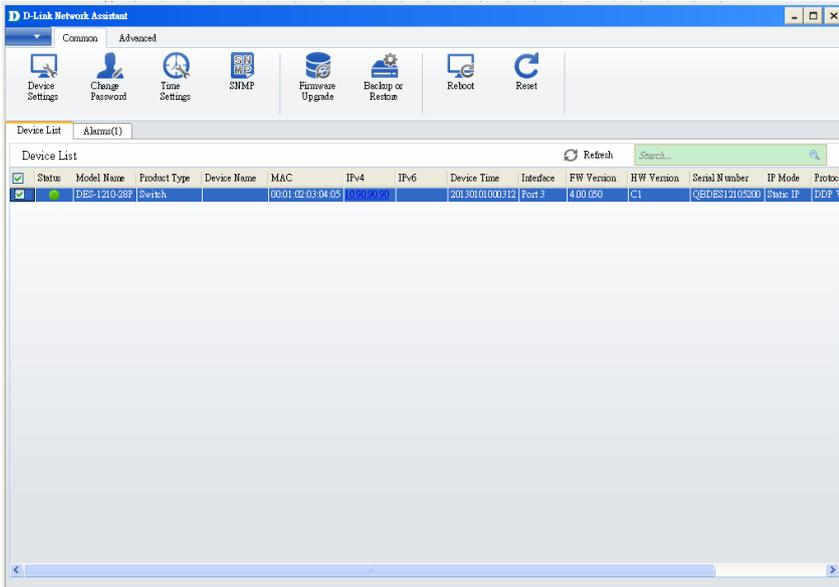<u>**Upgrade using D-Link Network Assistant(standalone version 2.0.2.4)**</u>

1. Connect a workstation installed with java SE runtime environment to any switch port of the device
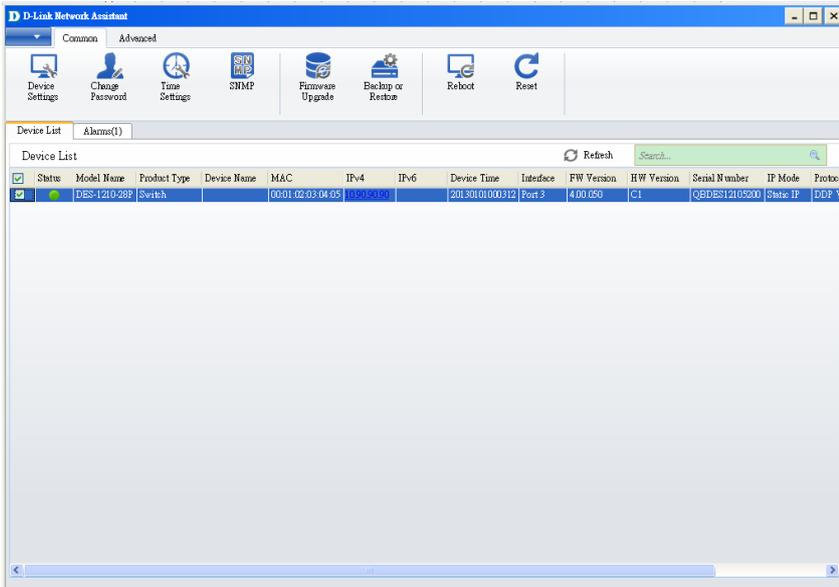
2. Execute D-Link Network Assistant

3. Click Refresh button to search target switch

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
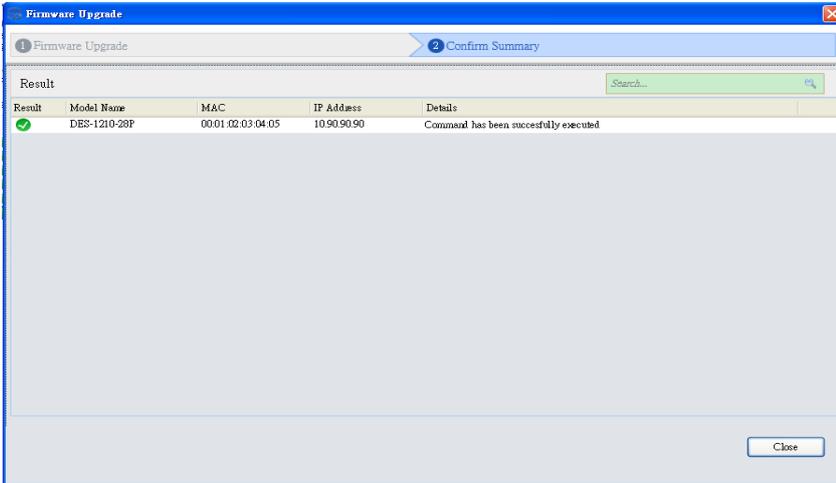
Note1: For DNA (Chrome DNA 3.0.2.7 or above), please refer to DNA manual v2.0 for more detail.
Note2: User can go to below link to download the DNA http://tools.dlink.com/intro/dna/

New Features:

Firmware Version	New Features
V6.10.007	1. Merge all of running image for Single image 2. Support TLS feature.(TLS support version v1.0/v1.1/v1.2) 3. The new behavior of firmware upgrade: a) Web UI: When Firmware is upgraded, we will update new image to backup image and no auto reboot b) DNA utility (Chrome): In DNA Firmware upgrade, we will upgrade new image to backup image. After firmware upgrade is finished, DUT will auto change boot image to backup image ID then auto reboot 4. Boot code V1.00.010 update DDP version to 0.26 5. Add "Edit" feature in L3 function IP interface for modification 6. Add Configuration information page
V6.00.016	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
V6.10.007	DGS-1210-FXseries-6-00-011.mib	N/A
V6.00.011	DGS-1210-FX-Series-6-00-011.mib	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
V6.10.007	N/A
V6.00.016	First Release

Problem Fixed:

Firmware Version	Problems Fixed
V6.10.007	N/A
V6.00.016	First Release

* D-Link tracking number is enclosed in ()

Known Issues:

Firmware Version	Issues	Workaround
V6.10.007	N/A	None
V6.00.016	[DBG17030311] DGS-1210/F1 series will auto-reboot if DUT receive packets of LLDP_MGMT_IPv6_OID128Bytes packet [DBG17030298] After we set "port description" of DGS-1210/F1 series, the page sometimes becomes abnormal.	NA

Related Documentation:

- DGS-1210 Series F1 User Manual V1.0