Firmware Version: 3.12.015
Boot Code Version: 1.00.013
MIB Version: 3.12.004
D-View Module Version: 3.0.0.6
Published: Apr. 15, 2014

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
v3.12.015	15- Apr.-14	DGS-1210-10P	B1
V3.10.013	13-Nov-12	DGS-1210-10P	B1

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-1210-10P:
    Command: download firmware_fromTFTP tftp://10.90.90.91 DGS-1210-10P B1_
    3_00_012.hex
    Device will reboot after firmware upgraded successfully
    Image upgraded successfully

2.  DGS-1210-10P:
      Command: show switch
```

```
DGS-1210-10P> show switch
System name                     :
System Contact                  :
System Location                 :
System up time                  : 0 days, 1 hrs, 8 min, 36 secs
System Time                     : 01/01/2012 01:58:42
System hardware version         : B1
System firmware version         : 3.00.012
System boot version             : 1.00.005
System Protocol version         : 2.001.004
System serial number            : LABDGS1220008
MAC Address                     : 00-12-20-00-08-00
```

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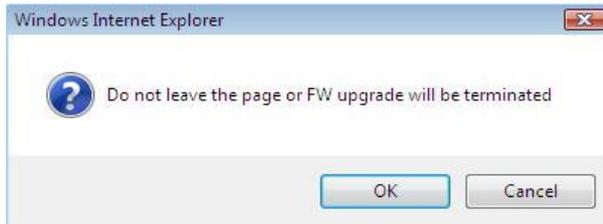
5. Two methods can be selected : **HTTP** or **TFTP**
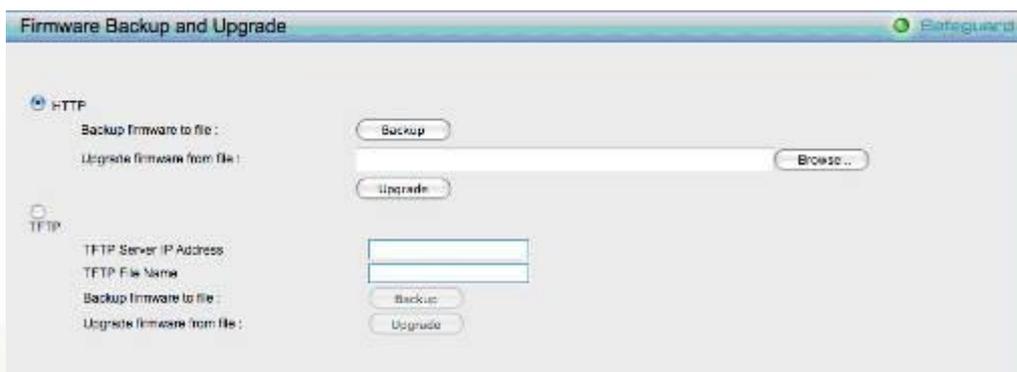
6. Select **HTTP** to upgrade the firmware to or from your local drive of PC.
   a. Click **Browse** to browse your inventories for a saved firmware file
   b. Click **Upgrade** after selecting the firmware file you want to restore
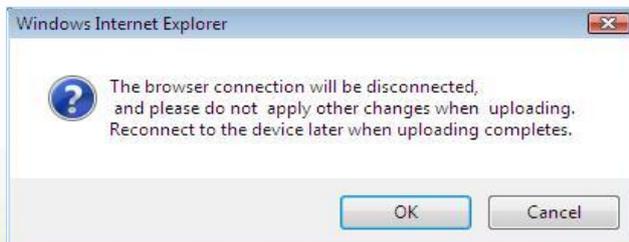   c. Click **OK** to continue with firmware upgrade
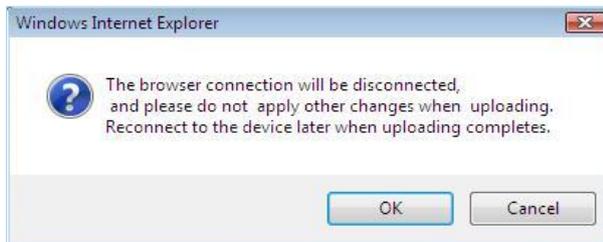
d. Click **OK** to continue with firmware upgrade

...sful" message pops up and login again after device

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.
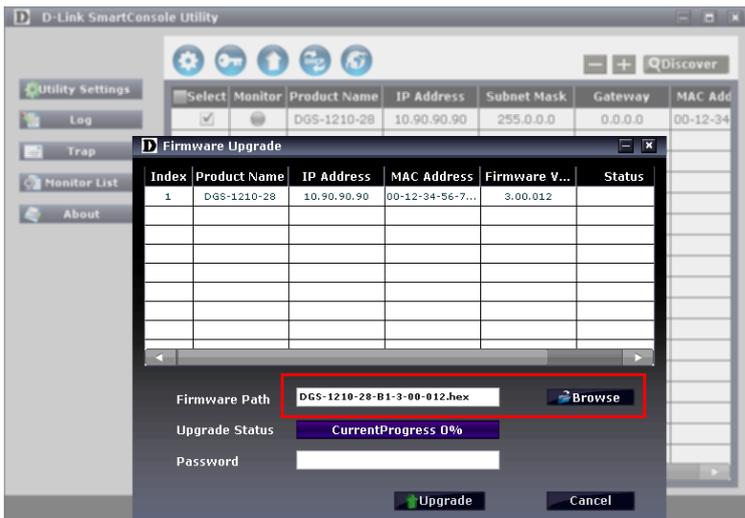
Firmware Backup and Upgrade

⚠ Start upgrading/backuping Firmware via TFTP...

Continue

Upgrade using SmartConsole Utility

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

2. Execute SmartConsole Utility

3. Click Discovery button to search target switch

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

5. Click Firmware Upgrade button

6. Click Browse button and select the firmware file (Model name_HW ver._FW ver. .hex) on your local hard drive.

7. Enter password and click "Upgrade" button to start firmware upgrade. The default password is "admin".
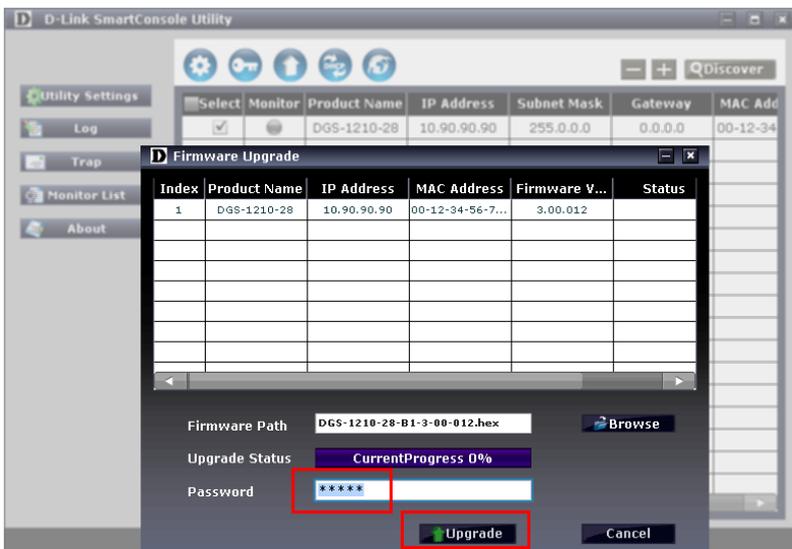
8. Once the message popped up, click "OK" button to complete the firmware upgrade
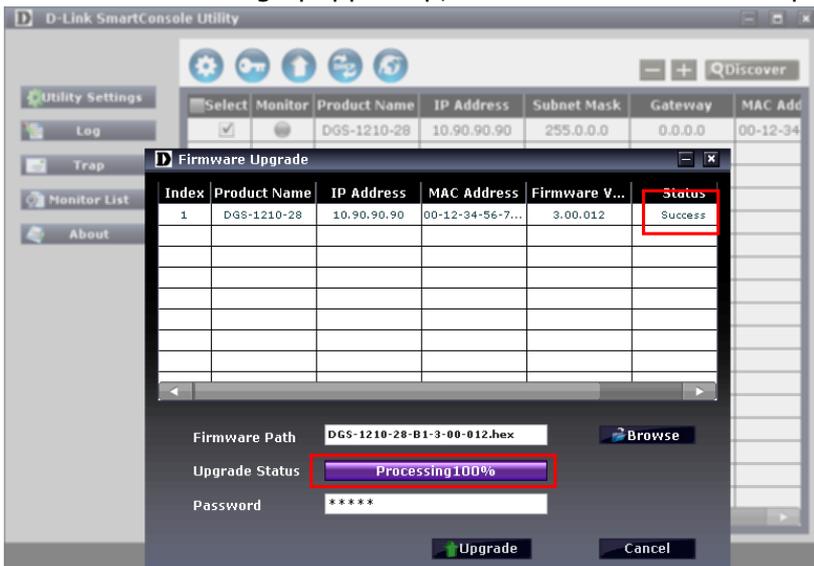
New Features:

Firmware Version	New Features
V3.12.015	N/A
V3.10.013	1. IPv6 address configuration: web, TFTP, SNMP, Telnet, Radius server, SSL, SNTP, Trusted Host, DHCP Server Screening, System Log 2. IPv4/IPv6 Dual Stack 3. IPv6 Neighbor Discovery 4. IPv6 ACL 5. ICMPv6 6. ZoneDefense MIB 7. Loopback Detection upgrades to v4.04 8. Add CoS packet classification for TOS, TCP/UDP port, and Traffic Class 9. IPv6 Ready Logo Phase II 10. Add EEE configuration page and change the default setting to Disable

Changes of MIB & D-View Module:

The new features of MIB file are also included in the corresponding D-View module. Please download the D-View module from http://tsd.dlink.com.tw. For detailed changes of MIB content, please refer to the modification history in each MIB file.

Firmware Version	MIB File	New Features
V3.12.015	DGS-1210-10P-BX-3_12_004.mib	1. Adding poePortDelayPowerDetect object to fix PoE IOT issue with HIKVision Camera
V3.10.013	DGS-1210-10P-BX-3-10-008.mib	First Release

Firmware Version	D-View Module	New Features
V3.10.013 V3.12.015	DV_DGS-1210-10P_V3.0.0.6_FW_v3.00.012.exe	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
V3.12.015	N/A
V3.10.013	First Release

Problem Fixed:

Firmware Version	Problems Fixed
V3.12.015	1. Add New default MAC (B0C5540 ~ B0C5547) for ASV function. 2. Fix PoE IOT issue with HIKVision Camera (DUSA20140101000001)
V3.10.013	First Release

* D-Link tracking number is enclosed in ()

Known Issues:

Firmware Version	Issues	Workaround
V3.12.015	N/A	None
V3.10.013	1. When connecting to Intel 82579 LM LAN controller in EEE mode, the link went up and down for a minute and then became stable. (DGC20120823000001) 2. When connecting to JMicron JMC251A LAN controller in EEE mode, the link speed might drop to 100Mbps. (DGC20120820000003)	1. Upgrading to the latest Intel driver and the link will become stable in EEE enable mode. Or disable EEE function on the switch. 2. The early version of JMC251A did not fully comply with IEEE802.3az. Please disable he EEE function on the switch.

Related Documentation:

- DGS-1210-10P Series User Manual
- DGS-1210-10P Series Getting Started Guide