# **D-Link** DGS-1210 F1 Series Firmware Release Notes



Firmware Version: 6.00.016 Boot Code Version: 1.00.009 MIB Version: 6.00.011 D-View Module Version: NA Published: Apr. 10, 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 <u>Revision History and System Requirement</u> 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 <u>Upgrade Instructions</u> for the correct firmware upgrade procedure.

For more detailed information regarding our switch products, please refer to <u>Related</u> <u>Documentation</u>.

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

#### Content:

Upgrade Instructions:	2
Upgrade using CLI (via Telnet) Upgrade using Web-UI Upgrade using D-Link Network Assistant	. 2 . 3 . 5
New Features:	9
Changes of MIB Module:	9
Changes of Command Line Interface:	9
Problem Fixed:	9
Known Issues:	10
Related Documentation:	10



Revision History and System	em Requiremer	nt:	
Firmware Version	Date	Model	Hardware Version
Runtime: v6.00.016 Boot: 1.00.009	10-Apr17	DGS-1210-10 DGS-1210-10P DGS-1210-10MP DGS-1210-20 DGS-1210-26 DGS-1210-28 DGS-1210-28P 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 <u>http://tsd.dlink.com.tw</u>, 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	Download firmware file from the TFTP server to the switch.
tftp://ip-address/filename   cfg_fromTFTP	
tftp://ip-address/filename}	

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

dlinkigreen

Device will reboot after firmware upgraded successfully Image upgraded successfully

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

dlin

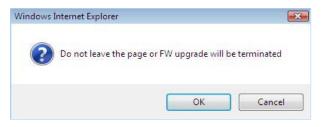
- 1. Connect a workstation installed with java SE runtime environment to any switch port of the device.
- 2. Open the web browser from the workstation and enter the IP address of the switch. The switch's default IP address is 10.90.90.90.
- 3. Enter administrator's password when prompted. The password 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

Backup and Upgrade		😑 Safeguard
lackup/Restore Image ID number : lackup firmware to file : Ipgrade firmware from file :	Image_id 1 ▼ Backup 遺揮檔案 未選擇任何檔案 Upgrade	
lackup/Restore Image ID number : FTP Server IP Address : FTP File Name lackup firmware to file : lpgrade firmware from file :	Image_id 1 V PV4 IPv6 Backup Upgrade	
ct <b>HTTP</b> to upgr	rade the firmware to c	or from your local drive of PC
k Upgrade after	selecting the firmware	e file you want to restore
nternet Explorer		
and please do not apply of	her changes when uploading.	
	ackup/Restore Image ID number : ackup firmware to file : pgrade firmware from file : ackup/Restore Image ID number : FTP Server IP Address : FTP File Name ackup firmware to file : pgrade firmware from file : ct <b>HTTP</b> to upgr k <b>Browse</b> to bro k <b>Upgrade</b> after k <b>OK</b> to continu iternet Explorer	ackup/Restore Image ID number: Image_id 1 ▼ ackup firmware to file: Backup pgrade firmware from file: 選擇鑑米 未選擇任何檔案 Upgrade ackup/Restore Image ID number: Image_id 1 ▼ FTP Server IP Address: Image_id 1 ▼ FTP Server IP Address: Image_id 1 ▼ FTP File Name ackup firmware to file: Backup pgrade firmware to file: Backup ct HTTP to upgrade the firmware to co k Browse to browse your inventories fi k Upgrade after selecting the firmware k 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

Windo	ows Internet Explorer	
	The browser connection will be disconnected, and please do not apply other changes when uploading. Reconnect to the device later when uploading completes.	
	OK Cancel	
d. \	Wait until the firmware upgrade ends and	login again after device boots up
Fir	mware Backup and Upgrade	
<u>^</u>	Start upgrading/backuping Firmware via TFTP	

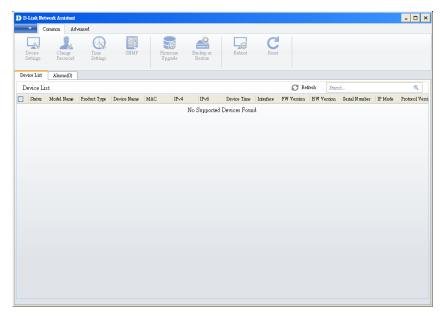
dlink

Continue

**D-Link** DGS-1210 F1 Series Firmware Release Notes

#### Upgrade using D-Link Network Assistant(standalone version 2.0.2.4)

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

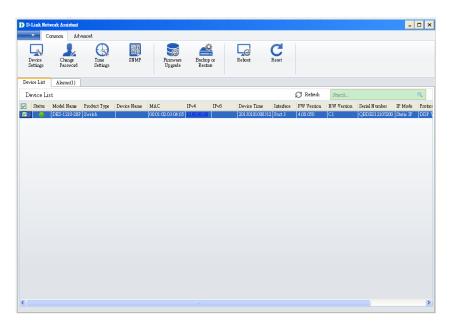


3. Click Refresh button to search target switch

	etwork Assistant Common Adv	anced											
Device Settings	Change Password	Time Settings	SIN	Firmware Upgrade	Bac kuy Resto			C Reset					
Device List	Ålarms(1)												
Device L	ist								🖉 Refresh	Starch			0
Status		Product Type	Device Name		IP∨4	IPv6	Device Time	Interface	FW Version	HW Version		IP Mode	Prot
]	DES-1210-28P	Switch		00:01:02:03:04:05	10.90.90.90		20130101000113	Port 3	4.00.050	C1	QBDES12105200	Static IP	DD



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



5. Click Firmware Upgrade button

Status Model Name Product Type Device Name MAC IPv4 IPv6 Device Time Interface FW Version HW Version Serial Number IP Mode		- Ci	mmon Adv	suced										
Device List Of Reflexith Statute MAC IP-4 IP-6 Device Tume Interface FW Version HW Version Schiel Number IP Mode	D	evice	Change Password	Time Settings	SNMP	Firmware Upgrade								
Status Model Name Product Type Device Name MAC IPv4 IPv6 Device Time Interface FW Version HW Version Serial Number IP Mode	Devi	ce List	Alarms(1)											
	De	vice Lis	t							📿 Refresh	Search			0,
DES-1210-28P Switch 00:01:02:03:04:05 10.99 90.90 201301:01:00312 Port 3 4.00.050 C1 QEDES12105200 Static IP	2				Device Name									Pro
			DES-1210-28P	Switch		0001102030405	inananan	2013010100031	Port 3	4.00.050	CI	QBDES1210520	Statsc IP	DE



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.

🃅 Firmware Upgrade		
Firmware Upgrade		Confirm Summary
TFTP IP	10.90.90.45	
Upgrade Selection	⊙Use one firmware file for all devices	OUse a different finnware file for each device
	D:\DES-1210-28P-C1-4-00-050.hex	Biowse
		Next

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

📅 Firmware Opgrade 🛛 🔀								
Firmware Upgrade 2 Confirm Summary								
TFIP IP	10.90.90.45	Finnware File	D:\DES-1210-2	IP-C1-4-00-050.hex				
Apply to A	Apply to All Devices							
IsSupported	Model Name	MAC	IP Adduess	Seriel N umber				
Yes	DES-1210-28P	00:01:02:03:04:05	10.90.90.90	QBDES1210520				
Notification					uthenticati	00		
Waming :	Waming : Do not disconnect the network or close this program during the upgrade process; unrecoverable damage to the devices may result. Please note that during the upgrade process,					admin		
your devic	your devices may reboot.				Password	*****		
I understand the risks Password								
						Previous Submit		



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

Firms	vare Upgrade					l
_	iware Upgrade			2 Confirm Summary		
Result					Search	C,
Result	Model Name	MAC	IP Adduess	Details		
9	DES-1210-28P	00:01:02:03:04:05	10.90.90.90	Command has been succes	fully executed	
						Close

Note1: For DNA (Chrome DNA 3.0.2.7 or above), please refer to DNA manual v2.0 for more detail.



### **New Features:**

Firmware Version	New Features
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
V6.00.011	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
V6.00.016	First Release

# **Problem Fixed:**

Firmware Version	Problems Fixed
V6.00.016	First Release

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



## **Known Issues:**

Firmware Version	Issues	Workaround
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

