



**Firmware Version:** 1.00.010  
**Boot Code Version:** 1.00.001  
**MIB Version:** 1.00.010  
**Published:** Nov. 16, 2023

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 and technical documentation from <http://tsd.dlink.com.tw>.

## Contents

Upgrade Instructions:.....	3
Upgrade using CLI (via Console or Telnet).....	3
Upgrade using Web-UI.....	4
New Features: .....	7
Changes of MIB : .....	7
Changes of Command Line Interface: .....	7
Known Issues:.....	7
Related Documentation: .....	8

## Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
Runtime: V1.00.010 Boot: 1.00.001	11-Sep.-2023	DMS-1250-10S DMS-1250-10SP DMS-1250-12TP	A1

## Upgrade Instructions:

D-Link 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 Console or Telnet)

1. If you use Telnet, please make sure the network connection between the switch and PC is active. If you use Console, please use "Serial to USB" cable connect switch console port and PC USB interface.
2. Via Telnet: 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*.  
Via Console: Use software that supports serial communication, for example, HyperTerminal, Putty or SecureCRT to connect switch console port with band rate **115200**.
3. The logon prompt will appear.  
The switch will prompt the user to enter his/her username and password. Both the default username and password are **"admin"**.

To upgrade the switch firmware, execute the following command:

Command	Function
copy tftp://LOCATION/SOURCE-URL	Download firmware file from the TFTP server to the switch.

Note. The switch supports dual images and will automatically upgrade to the other image id which is not in current operation.

When completing firmware upgrade, the following messages will pop up.

```
Switch# copy tftp://10.90.90.99/DMS-1250-SERIES-V1-00-008-FW.hex
TFTP Firmware Upgrade processing.....Do not power off!!
Firmware upgrade successfully!
Switch#
```

4. Select image id that has been successfully upgraded to new firmware to start up. Reboot system and execute the following command to check the firmware version and the switch's information.

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

### Example:

1. Switch# copy tftp://10.90.90.99/DMS-1250-SERIES-V1-00-008-FW.hex  
TFTP Firmware Upgrade processing.....Do not power off!!  
Transferring firmware..... 10%

Firmware upgrade successfully!  
Switch#

2. Switch# **show switch**

```
Device Information
  Device Type       : DMS-1250-10S Multi-Gigabit Ethernet Smart Managed Switch
  System Name      : Switch
  System Location   :
  System Contact    :
  Boot PROM Version : 1.00.001
  Firmware Version  : V1.00.008
  Hardware Version  : A1
  MAC Address       : 00-12-55-99-00-78
  IP Address        : 10.90.90.90
  Mask              : 255.0.0.0
  Gateway           : 0.0.0.0
  System Time       : 01/01/2023 00:00:52
  Serial Number     : QQABC12345600
Switch#
```

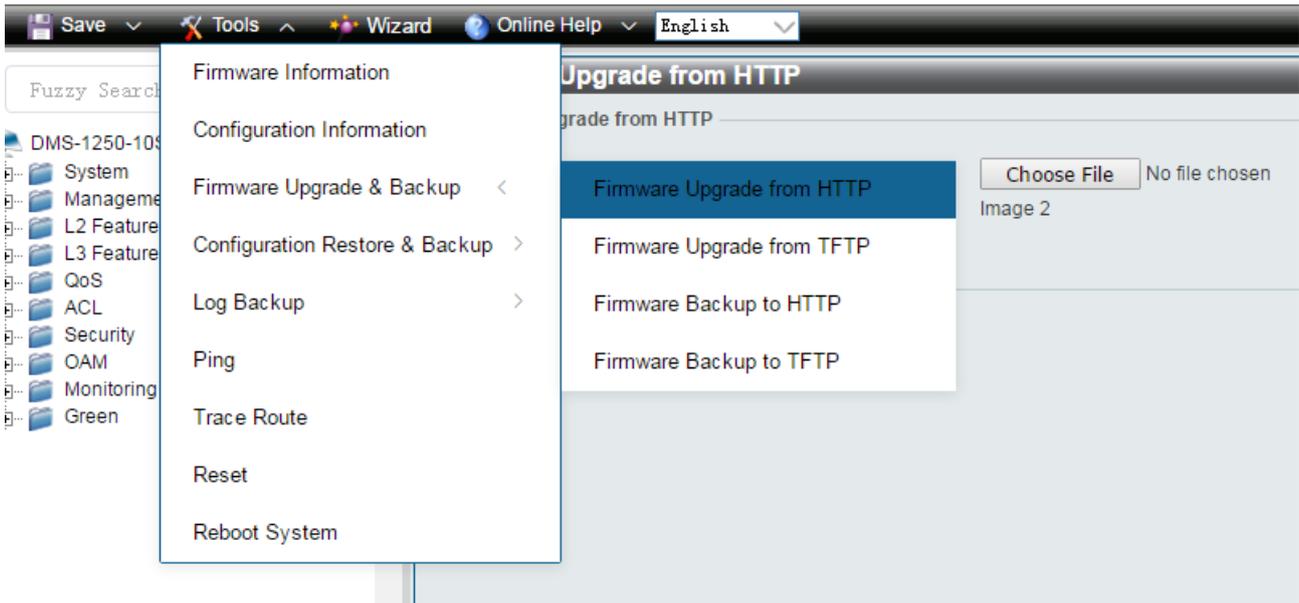
3. Switch# **show firmware**

Image ID	Version	Size(B)	Update Time
*1c	V1.00.008	13078080	01/01/2023 00:00:00
2	V1.00.008	13078080	01/01/2023 00:00:00

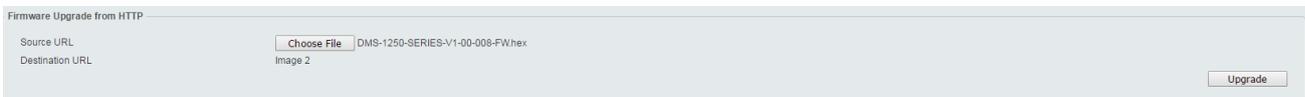
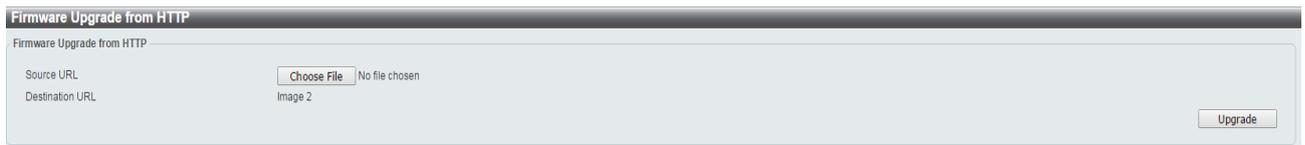
c : Current boot up firmware  
\* : Boot up firmware

## Upgrade using Web-UI

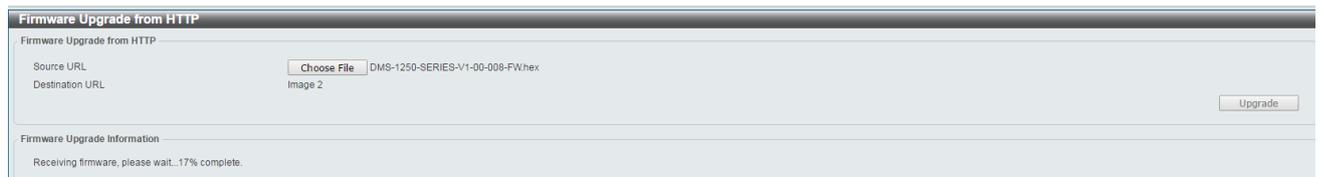
1. Connect a workstation to any switch port of the device.
2. Open the web browser from the workstation and enter the IP address of the switch. The switch's default IP address is 10.90.90.90.
3. Press OK to login. Both the username and password are **"admin"** by default.
4. To update switch's firmware or configuration file, select **Tools > Firmware Backup & Upgrade** from the banner.



5. Two methods can be selected : **HTTP** or **TFTP**
6. Select **Firmware Update from HTTP** to upgrade the firmware to or from your local drive of PC.



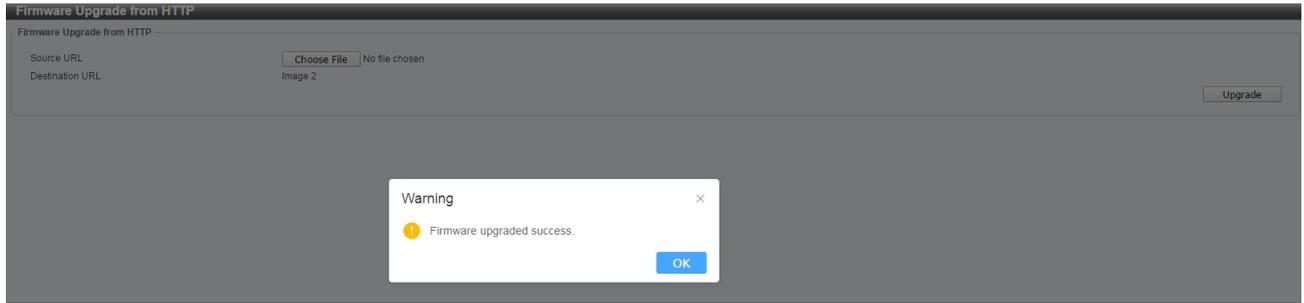
- a. Click **“Choose File”** to browse your inventories for a saved firmware file
- b. Click **Upgrade** after selecting the firmware file you want to upgrade



- c. It will be download the firmware file to DUT.
- d. When download success, do not power off, and will continue process upgrading (write firmware to flash).



- e. Wait until the **“Firmware Upgrade Successful”** message pops up.



7. Select **TFTP** to upgrade the firmware to or from a remote TFTP server.



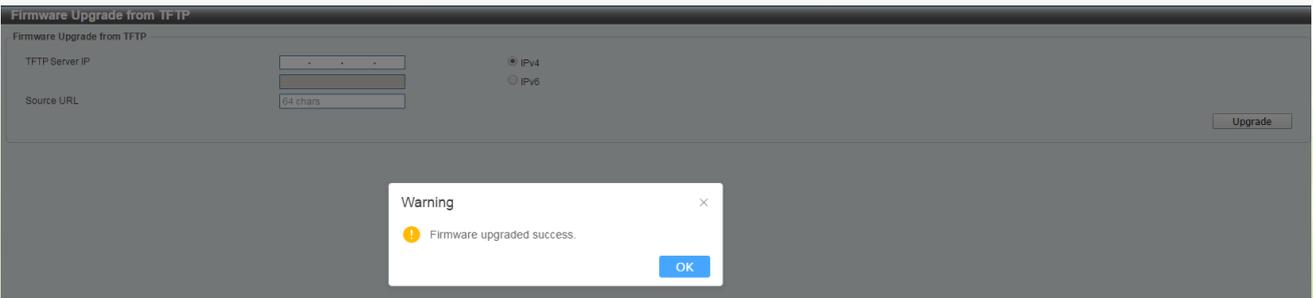
- a. Enter the TFTP server IP and the URL of the firmware file located on the TFTP server.
- b. Click **Upgrade** after selecting the firmware file you want to restore.
- c. It will be download the firmware file to DUT.



- d. When download success, do not power off, and will continue process upgrading (write firmware to flash).



- e. Wait until the firmware upgrade ends.



## New Features:

MIB Version	New Features
V1.00.010	1 <sup>st</sup> release

## Changes of MIB :

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

MIB Version	MIB File	New Features
V1.00.010	DMS-1250-SERIES-V1.00.010.mib	1 <sup>st</sup> 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
V1.00.010	1 <sup>st</sup> release

## Known Issues:

Firmware Version	Issues	Note
V1.00.010	1. PC2 still can receive packets (less than 64Kbytes) from PC1 when enable DOS Ping to Death attack.	Chipset limitation
	2. The Voice VLAN dynamic member will forward Voice VLAN ID packets starting from the 2nd packets. The first one packet with OUI will be classified by switch but will not be assigned to the Voice VLAN.	Current design behavior.
	3. STP and LBD global cannot be enabled on the different ports at the same time.	Current design behavior.
	4. When provide power to Legacy PD, classification will show "class 0".	Chipset limitation
	5. Cable Diagnostic test shows incorrect information (such as length) when the port is	Chipset limitation

	not connected or with open cable.	
6.	The LED of SFP interface via 10G Fiber to Copper transceiver will link up and blink without connecting to cable.	Function works. This LED issue will be fixed in future release.
7.	Partner portNo and portPri of LACP Neighbor Information cannot be correctly displayed.	This issue will be fixed in future release.
8.	[802.1X] When Authentication Server Failover, client can't pass authentication by local DB.	This issue will be fixed in future release.
9.	The static mac address setting will be removed when the PVID of the port changes.	This issue will be fixed in future release.
10.	MAC Address is changed after deletion of another IP Interface and save reboot.	Current design behavior
11.	The UI is sometimes stuck on loading the log-in page. It's required to press F5 to refresh the web page.	Current design behavior

## Related Documentation:

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- [DMS-1250 Series A1 User Manual](#)
- [DMS-1250 Series Getting Started Guide](#)