DGS-1100V2 FW Ver 4.00.019
DGS-1100V2 Boot Ver 1.13
Published : Jul 24, 2023

The release notes include important information about D-Link switch firmware revisions. Please follow below steps to find version information:

- 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 firmware and hardware matrix.
- If the switch is powered on, you can check the hardware version by checking the device information page on the web graphic user interface.

If you plan to upgrade firmware, please refer to the Upgrade Instructions for the correct firmware upgrade procedure.

For detailed product information, please refer to Related Documentation.

You can also download the switch firmware and technical documentation from http://tsd.dlink.com.tw.

Content:

Revision History and System Requirement: 3
Upgrade Instructions: 4
Upgrade firmware or Configuration file using Web-UI 4
Upgrade BootRom using Web-UI 6
Upgrade using D-Link Network Assistant Chrome Edition 7
4.00.018 Upgrade Instructions: 9
Device Firmware is 1.00.010、2.00.003 or 2.00.011. 9
1.Upgrade v3.00.025 to image2. 9
2. Upgrade v4.00.018 to image1. 10
3.Upgrade BootRom Files. 10
4.Upgrade v4.00.018 to image2. 10
Device Firmware is 3.00.017、3.00.019 or 3.00.025. 11
1.Upgrade v4.00.019 to image1. 11
2.Upgrade BootRom Files. 12
3.Upgrade v4.00.019 to image2. 12
New Features: 13
Changes of MIB: 13
Problem Fixed: 14
Known Issues: 15
Related Documentation: 17

Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
1.00.010 Boot Ver：v1.11	2019/12/9	DGS-1100-16V2 DGS-1100-24V2 DGS-1100-24PV2	A1
2.00.003 Boot Ver：v1.11	2020/7/1	DGS-1100-16V2 DGS-1100-24V2 DGS-1100-24PV2 DGS-1100-10MPV2 DGS-1100-10MPPV2 DGS-1100-26MPV2 DGS-1100-26MPPV2 DGS-1100-18PV2	A1
2.00.011 Boot Ver：v1.11	2021/10/22	DGS-1100-16V2 DGS-1100-24V2 DGS-1100-24PV2 DGS-1100-10MPV2 DGS-1100-10MPPV2 DGS-1100-26MPV2 DGS-1100-26MPPV2 DGS-1100-18PV2	A1, A2
2.00.011J Boot Ver：v1.11	2021/10/29	DGS-1100-18PV2	J1
3.00.017 Boot Ver：v1.11	2022/6/1	DGS-1100-18PV2 DGS-1100-24PV2	A1, A2, A3
3.00.017J Boot Ver：v1.11	2022/6/7	DGS-1100-18PV2	J1, J2
3.00.019 Boot Ver：v1.11	2022/7/29	DGS-1100-16V2 DGS-1100-24V2	A1, A2
3.00.019 Boot Ver：v1.11	2022/7/29	DGS-1100-18PV2 DGS-1100-24PV2	A1, A2, A3
3.00.019 Boot Ver：v1.11	2022/7/29	DGS-1100-10MPV2 DGS-1100-10MPPV2 DGS-1100-26MPV2 DGS-1100-26MPPV2	A3
3.00.025 Boot Ver：v1.11	2023/4/13	DGS-1100-16V2 DGS-1100-24V2 DGS-1100-24PV2 DGS-1100-10MPV2 DGS-1100-10MPPV2 DGS-1100-26MPV2 DGS-1100-26MPPV2 DGS-1100-18PV2	A1, A2, A3
FW Ver：4.00.019 Boot Ver：v1.13	2023/7/24	DGS-1100-16V2 DGS-1100-24V2 DGS-1100-24PV2 DGS-1100-10MPV2 DGS-1100-10MPPV2 DGS-1100-26MPV2 DGS-1100-26MPPV2	A1, A2, A3

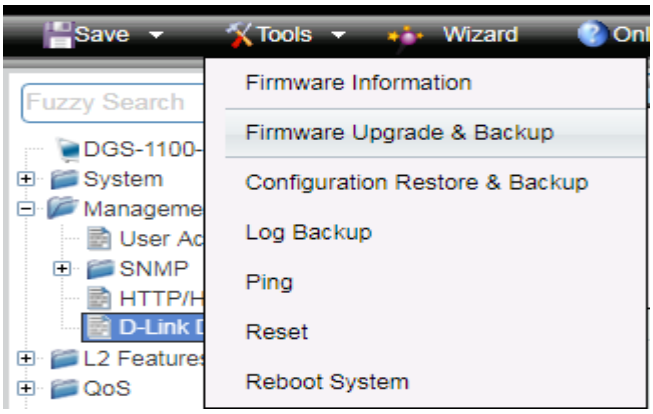
		DGS-1100-18PV2	

Upgrade Instructions:

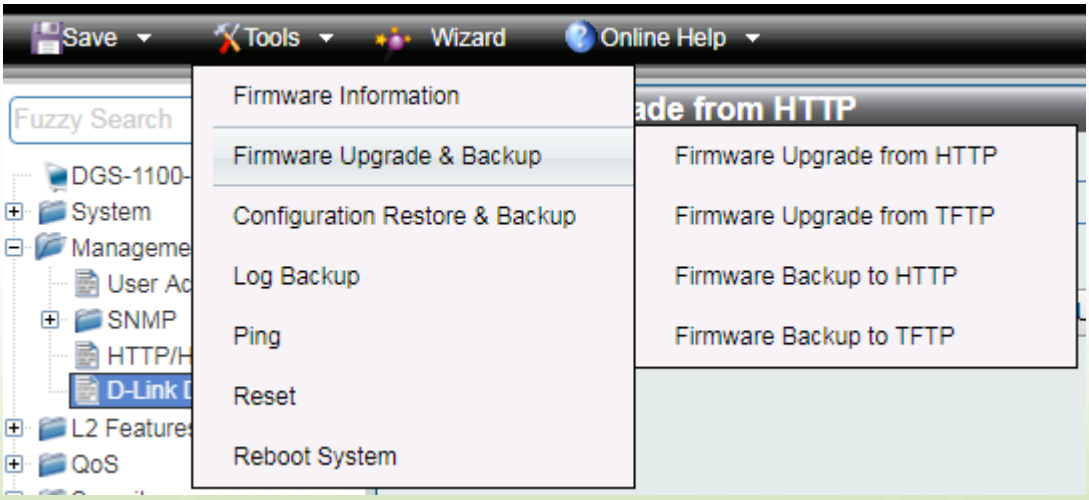
You can download the firmware/BootRom from D-Link web site http://tsd.dlink.com.tw, and upgrade through Web UI or D-Link Network Assistant Utility.

Upgrade firmware or Configuration file using Web-UI

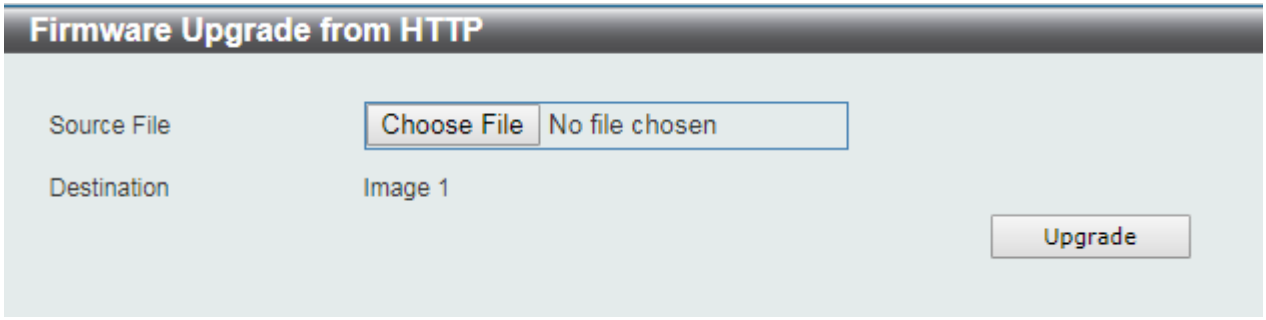
1. Connect a workstation installed with java SE runtime environment to any switch port of the device.
2. Open the web browser from the workstation and enter the IP address of the switch. The switch's default IP address is 10.90.90.90.
3. Enter administrator's password when prompted. The password is **admin**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



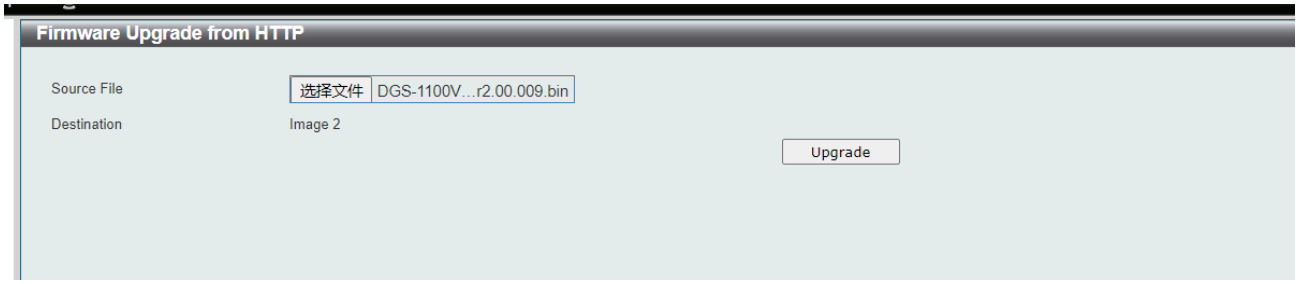
5. Click **Firmware Upgrade from HTTP**



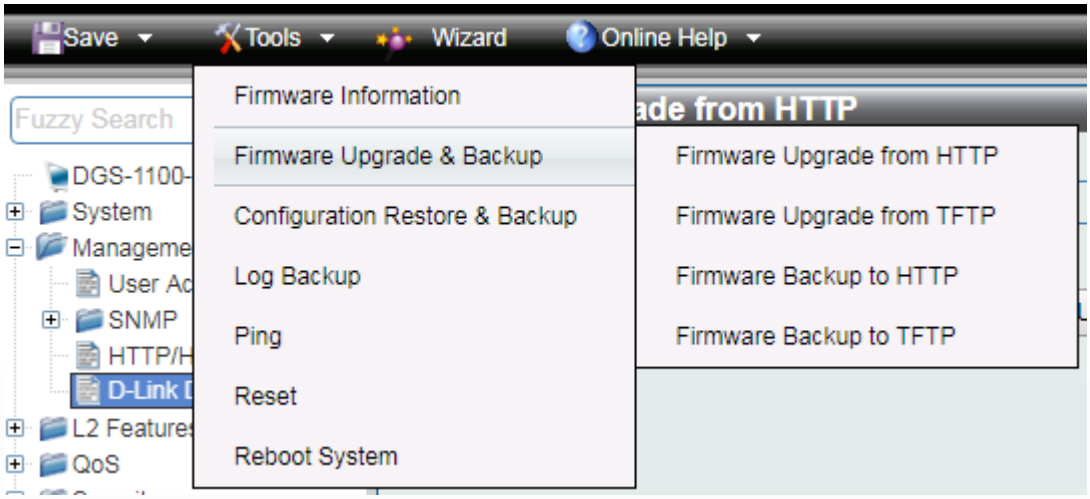
6. Click **Chose File** to browse your inventories for a saved firmware file, and then click **Upgrade** after selecting the firmware file you want to restore



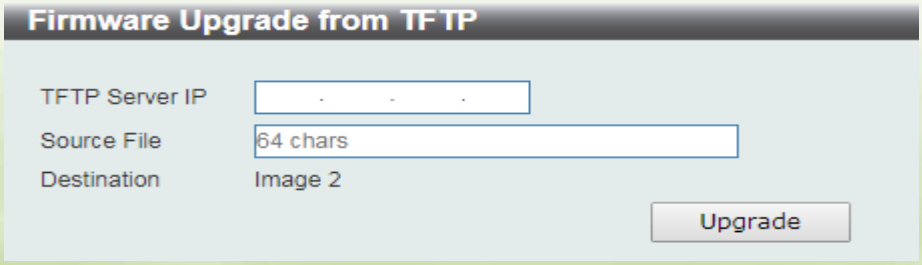
7. Wait until the "Firmware Upgrade Processing" message disappear and login again after device boots up



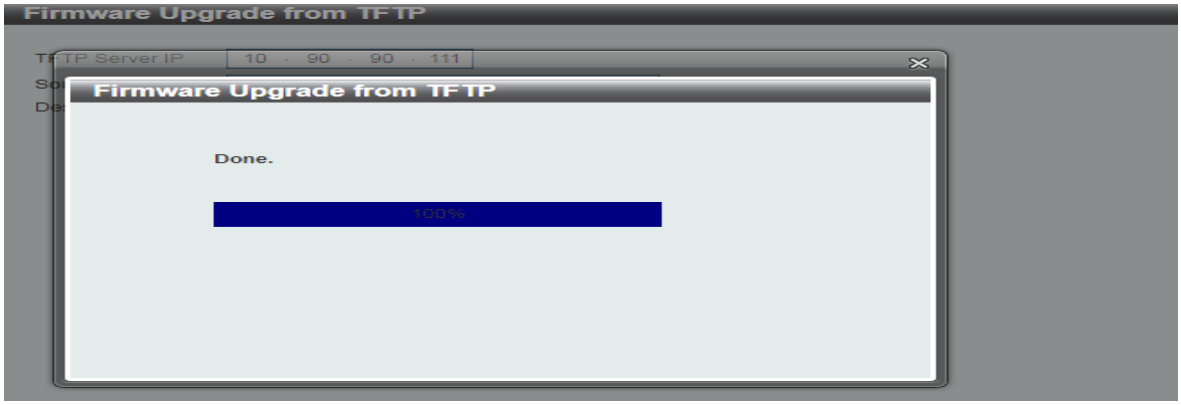
8. Click **Firmware Upgrade from TFTP**



9. Fill in **the TFTP server IP** and **upgrade file name**, and then click **Upgrade** after selecting the firmware file you want to restore

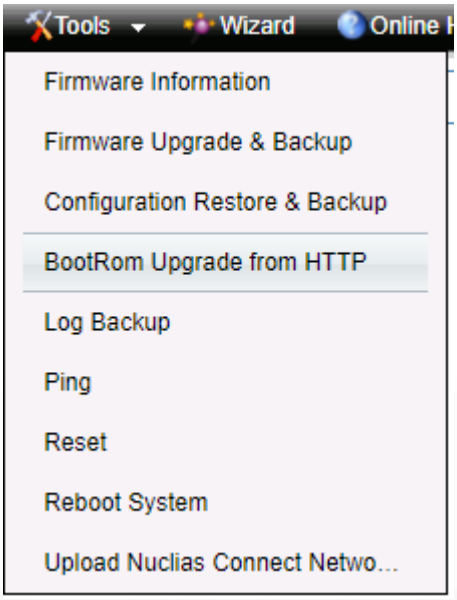


10. Wait until the "Done" message appear and login again after device boots up



Upgrade BootRom 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 Bootrom file, select **Tools > BootRom Upgrade from HTTP** from the banner, you can choose HTTP or TFTP upgrade.

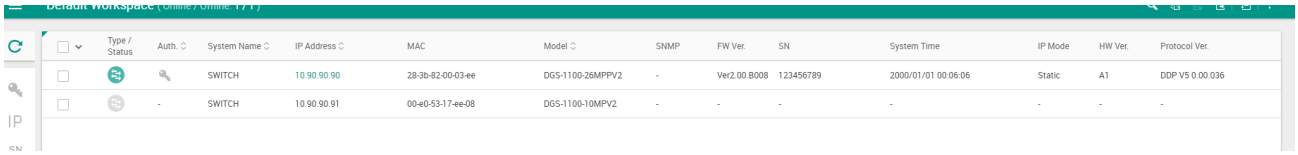


5. Click **Chose File** to browse your inventories for a saved Bootrom file, and then click **Apply** after selecting the Bootrom file you want to restore.
6. Wait until the "Update success" message.

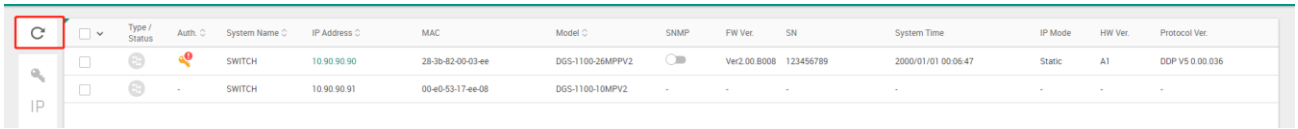
Upgrade using D-Link Network Assistant Chrome Edition

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

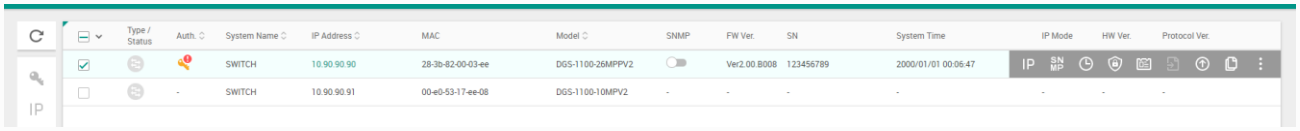
2. Execute D-Link Network Assistant Chrome Edition



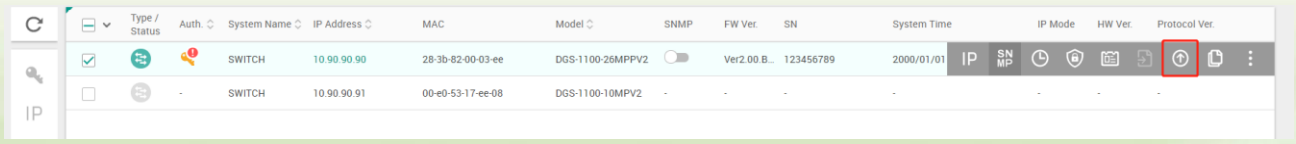
3. Click Refresh button to search target switch



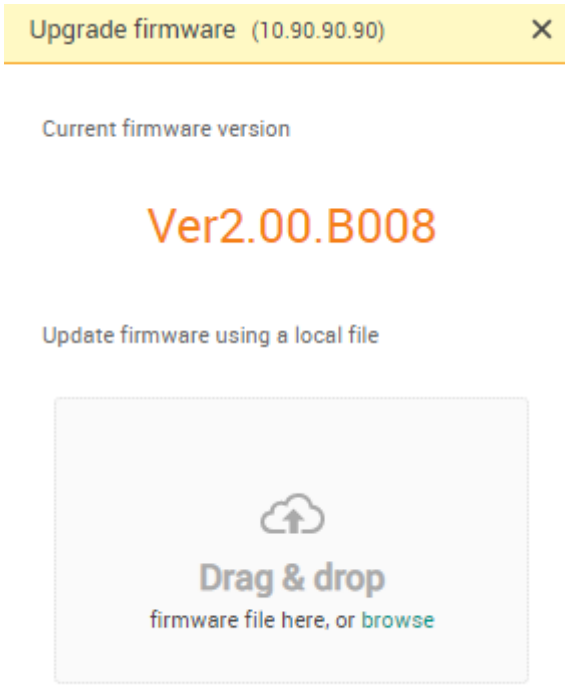
4. Single click the icon of the column to choose the target switch



5. Click Firmware Upgrade button

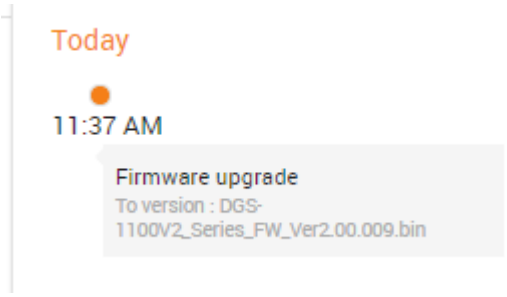


6. Click Browse button and select the firmware file on your local hard drive.



7. Click “Upgrade now” button to start firmware upgrade.

8. Once the message changed to success, the firmware upgrade is complete



4.00.019 Upgrade Instructions:

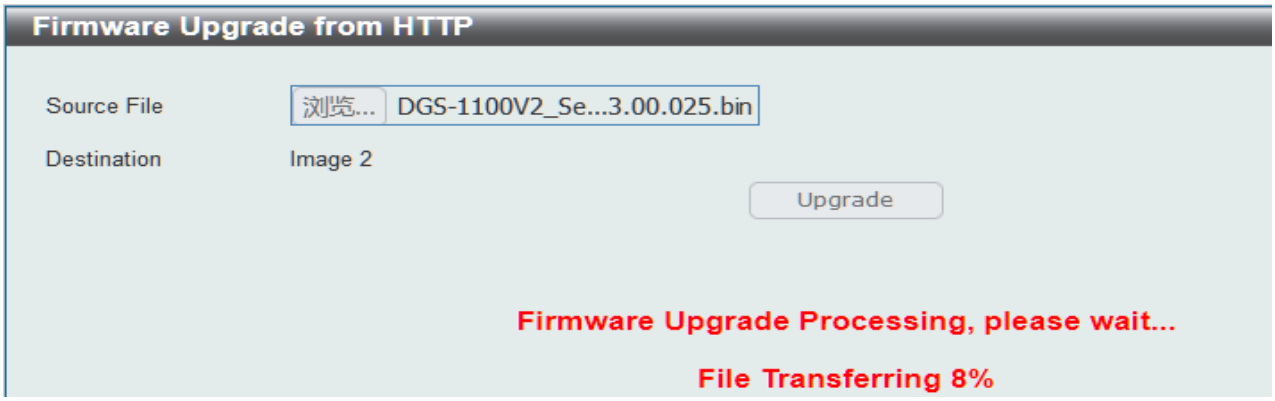
Firmware v4.00.xxx supports the DNC/DNH function.

Device Firmware is 1.00.010、2.00.003 or 2.00.011.

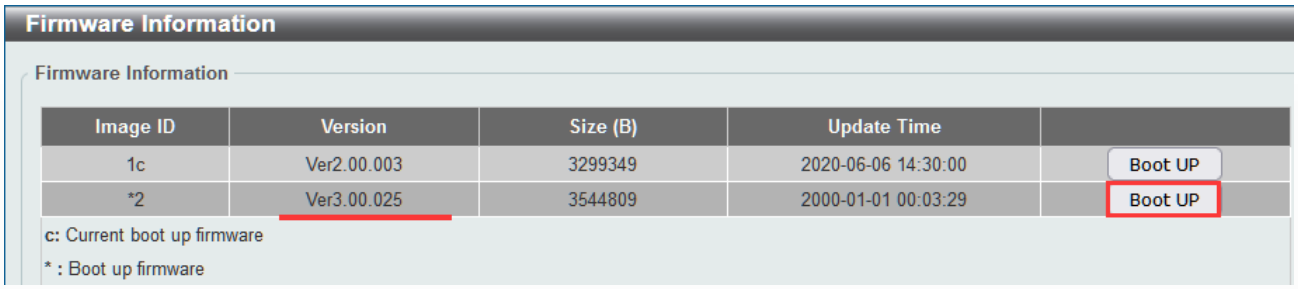
1.Upgrade v3.00.025 to image2.

1.1 Select "**Tools > Firmware Upgrade & Backup> Firmware Upgrade from HTTP**" from the banner, you can choose HTTP to upgrade.

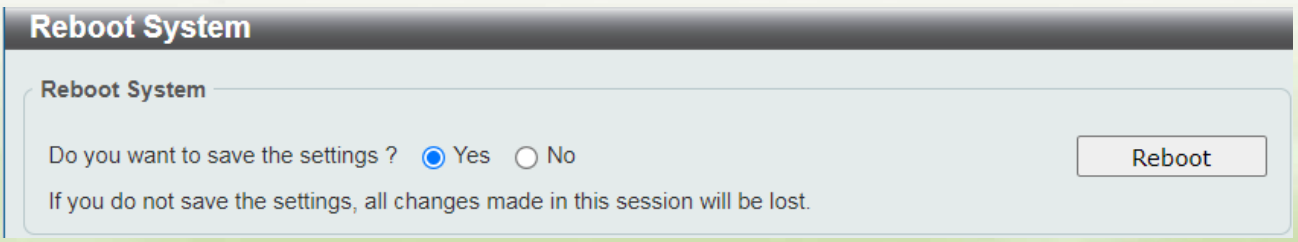
1.2 Uploading firmware files " DGS-1100V2_Ax_FW_v3.00.025.bin" to image2,wait until the prompt reaches 100%.



1.3 Select "**Tools ->Firmware Information**"，choose image2 to next "Boot UP" .



1.4 Select "**Tools ->Reboot system**" to restart the device.

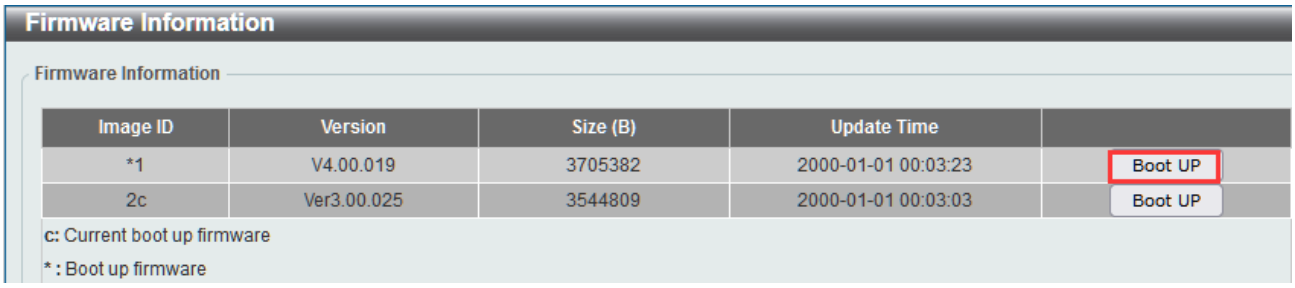


2. Upgrade v4.00.019 to image1.

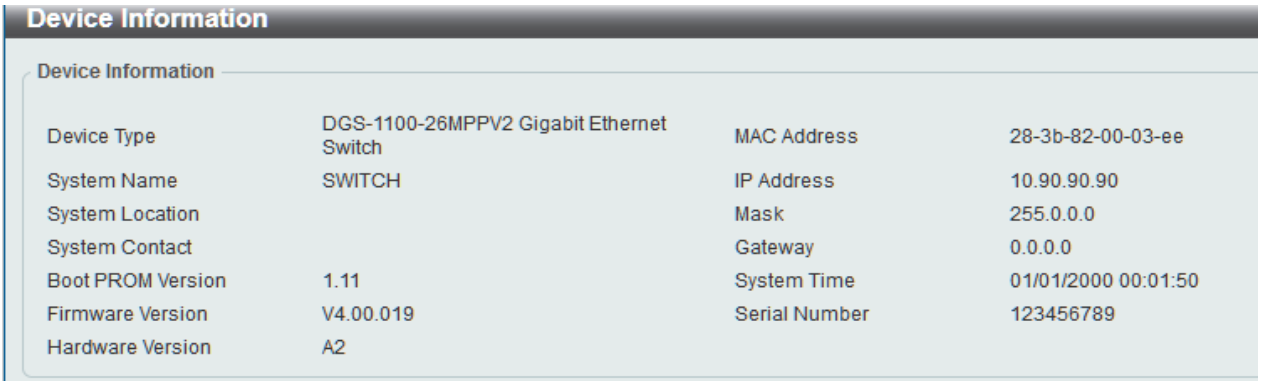
2.1 Select "**Tools-> Firmware Upgrade & Backup-> Firmware Upgrade from HTTP**".

2.2 Uploading firmware files "DGS-1100V2_Ax_FW_v4.00.019 .bin" to image1 ,wait until the prompt reaches 100%.

2.3 Select "**Tools ->Firmware Information**",choose image1 to next "Boot UP".



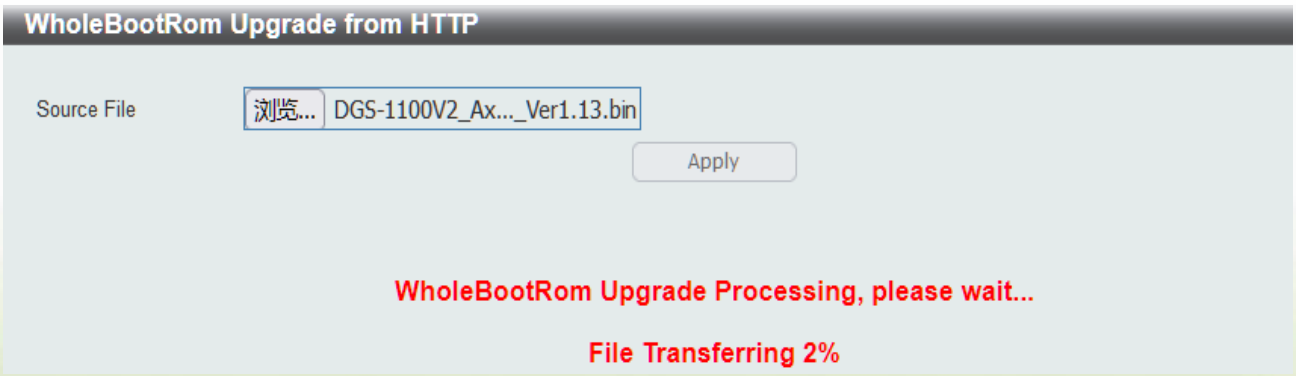
2.4 Select "**Tools ->Reboot system**" to restart the device.Once the device is up, run version v4.00.019 on image1.



3.Upgrade BootRom Files.

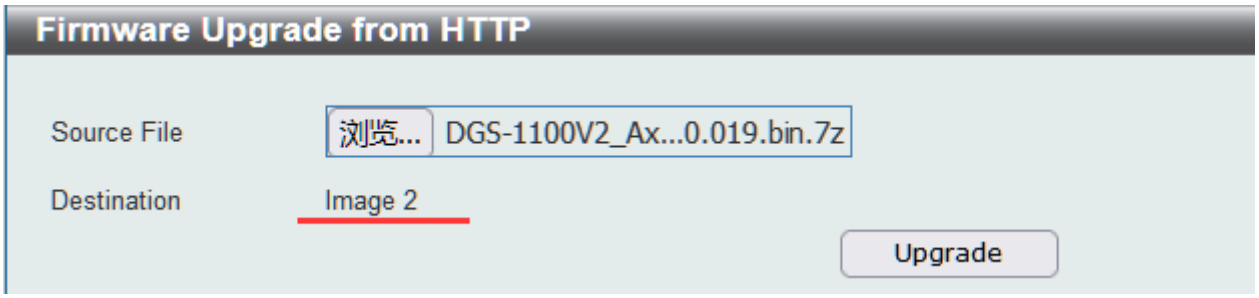
3.1 Select "**Tools->BootRom Upgrade from HTTP**".

3.2 Uploading BootRom files "DGS-1100V2_Ax_BOOT_v1.13.bin",wait until the prompt reaches 100%.

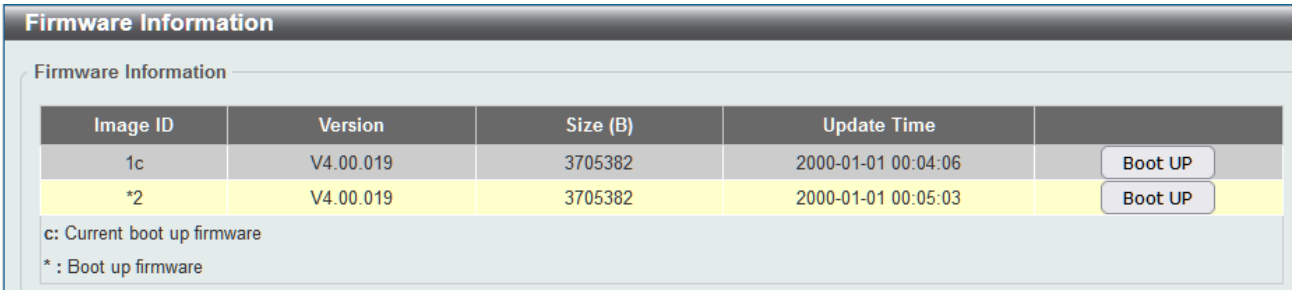


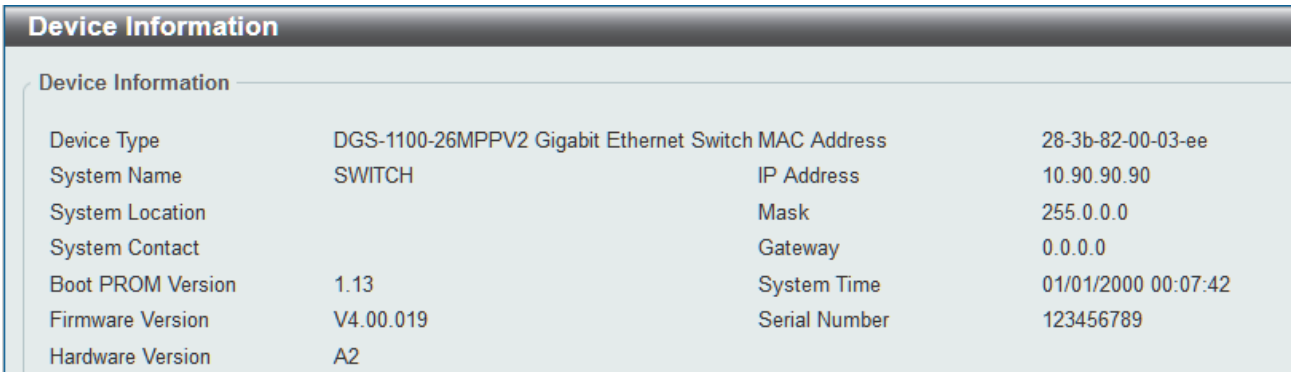
4.Upgrade v4.00.019 to image2.

4.1 Uploading firmware files "DGS-1100V2_Ax_FW_v4.00.019 .bin" to image2 .



4.2 After reboot system,,image1 and image2 are both in v4.00.019, BootROM Version is in v1.13.





Device Firmware is 3.00.017、3.00.019 or 3.00.025.

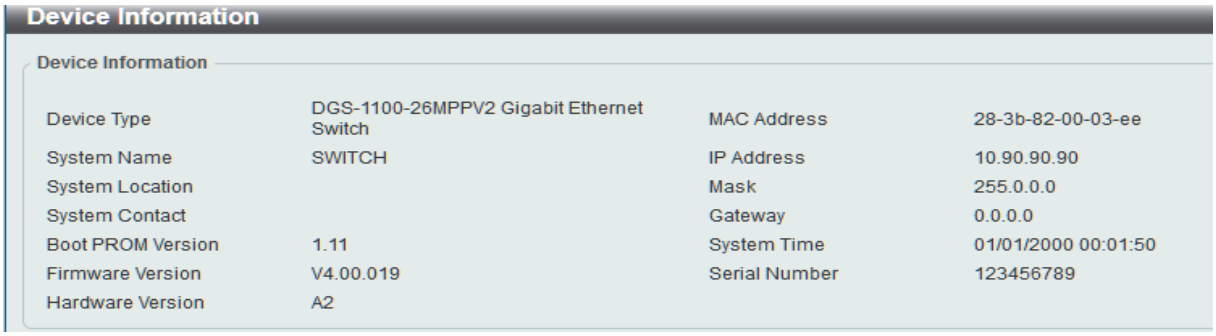
1.Upgrade v4.00.019 to image1.

1.1 Select "**Tools-> Firmware Upgrade & Backup-> Firmware Upgrade from HTTP**".

1.2 Uploading firmware files "DGS-1100V2_Ax_FW_v4.00.019 .bin" to image1 ,wait until the prompt reaches 100%.

1.3 Select "**Tools ->Firmware Information**",choose image1 to next "Boot UP".

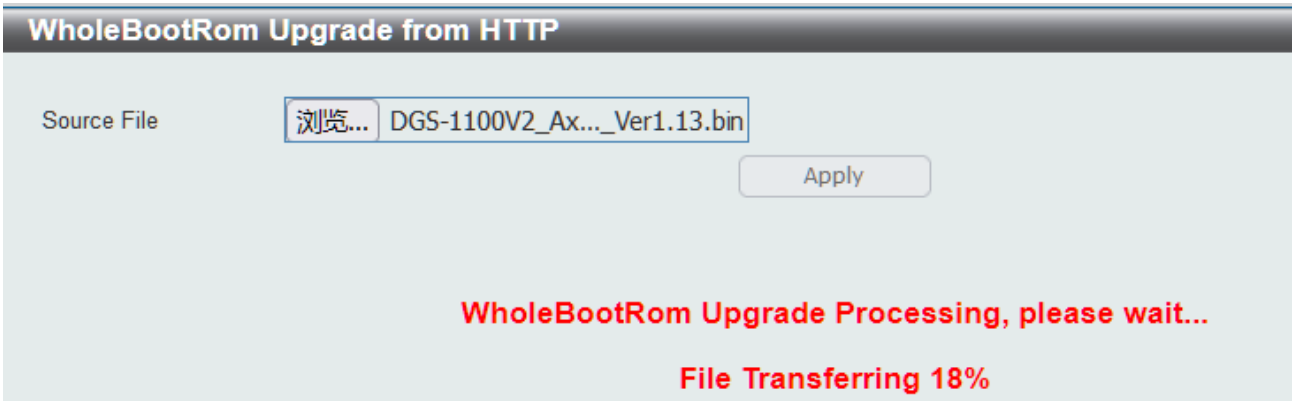
1.4 Select "**Tools ->Reboot system**" to restart the device.Once the device is up, run version v4.00.019 on image1.



2.Upgrade BootRom Files.

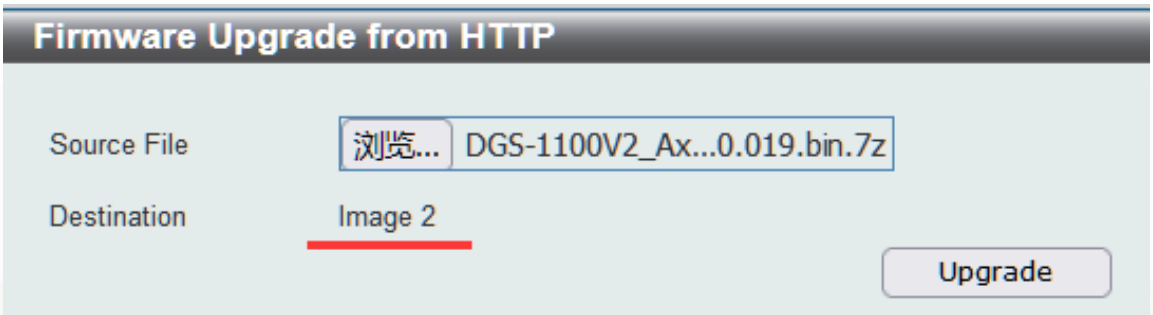
2.1 Select "**Tools->BootRom Upgrade from HTTP**".

2.2 Uploading BootRom files "DGS-1100V2_Ax_BOOT_v1.13.bin",wait until the prompt reaches 100%.

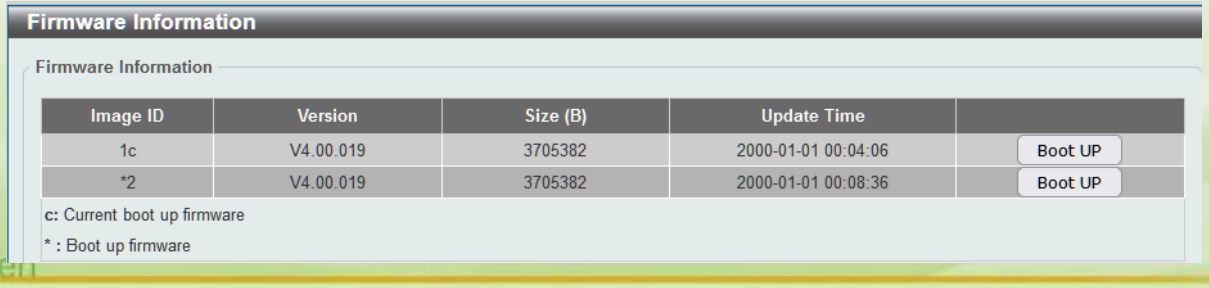


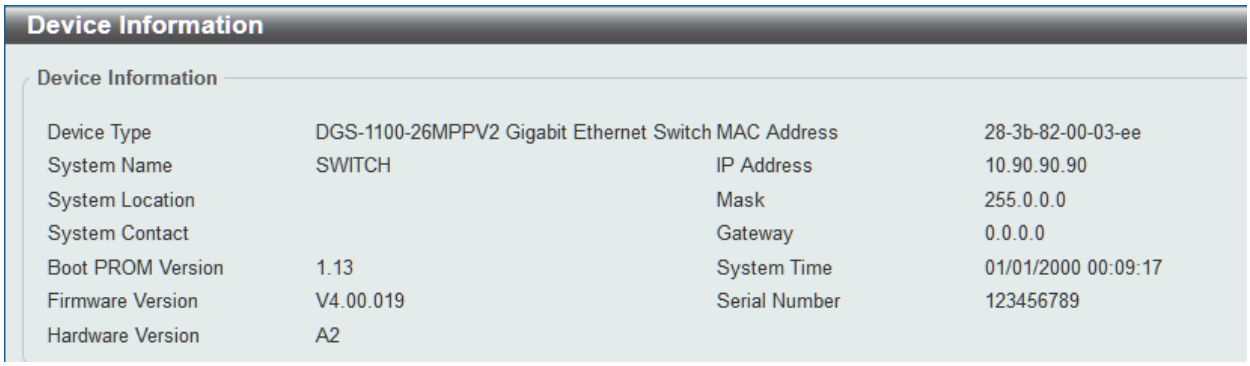
3.Upgrade v4.00.019 to image2.

3.1 Uploading firmware files "DGS-1100V2_Ax_FW_v4.00.019 .bin" to image2 .



3.2 After reboot system,,image1 and image2 are both in v4.00.019, BootROM Version is in v1.13.





New Features:

DGS-1100-16V2/24V2/24PV2/10MPV2/10MPPV2/26MPV2/26MPPV2/18PV2:

Firmware Version	New Features
V1.00.010	First Release
V2.00.003	1. Support new models: DGS-1100-10MPV2/10MPPV2/26MPV2/26MPPV2/ 18PV2 2. Support effective immediately of Configuration Restore
V2.00.011	1. DGS-1100-16V2, 24V2, 24PV2, 18PV2, 26MPV2, 26MPPV2: change 2nd source PHY, Flash, DRAM. 2. DGS-1100-10MPV2, 10MPPV2: change 2nd source Flash, DRAM. 3. Upgrade Matrixssl version to 4.3.3
V2.00.011J	Only support DGS-1100-18PV2 H/W version J1
V3.00.017	DGS-1100-24PV2,18PV2: support 2nd PoE RTL8238B module.
V3.00.017J	Only support DGS-1100-18PV2 H/W version J1, J2, and J2 support 2nd PoE RTL8238B module.
V3.00.019	1. DGS-1100-18PV2, 24PV2, 10MPV2, 26MPV2 A3: support 2nd PoE RTL8238B PoE module. 2. DGS-1100-10MPPV2, 26MPPV2 A3: support 2nd PoE RTL8238B +RTL8239B module.
V4.00.019	1.Support DNC/DNH. 2.Support D-veiw8. 3.Upgrade BootRom version to 1.13.

Changes of MIB:

DGS-1100-16V2/24V2/24PV2/10MPV2/10MPPV2/26MPV2/26MPPV2/18PV2:

Firmware Version	MIB File	New Features
V1.00.010	First Release	
V2.00.003	DGS-1100-10MPV2-AX-MIB.MIB	New Model DGS-1100-10MPV2

	DGS-1100-10MPPV2-AX-MIB.MIB	New Model DGS-1100-10MPPV2
	DGS-1100-26MPV2-AX-MIB.MIB	New Model DGS-1100-26MPV2
	DGS-1100-26MPPV2-AX-MIB.MIB	New Model DGS-1100-26MPPV2
	DGS-1100-18PV2-AX-MIB.MIB	New Model DGS-1100-18PV2
	DLINKPV2-SYSTEM-FILE-MIB.MIB	Support to reboot/ save configuration.
V3.00.017	DLINKPV2-SYSTEM-FILE-MIB.MIB DLINKPV2-DEVICE-INFORMATION-MIB.mib DLINKPV2-LACP-EXT-MIB.mib	Support to NextBootup. Support to get CPU and memory Utilization. Support to lacp system priority and load-balance.
V4.00.019	DGS-1100-AX_MibFiles_V4.00.019.zip	Support D-view8.

Problem Fixed:

DGS-1100-16V2/24V2/24PV2/10MPV2/10MPPV2/26MPV2/26MPPV2/18PV2:

Firmware Version	Problems Fixed
V1.00.010	First Release
V2.00.003	1. Fixed that Time Range cannot over weekend when To week less than From week (DI20200128000003) 2. Fixed that DGS-1100 PoE will keep PoE power delivering when rebooting via Web GUI (DI20200128000002) 3. Fixed that DGS-1100 cannot forward Router designated port number (DI20200528000002) (DGC20200406000001) 4. Fixed that Restarting the switch on the GUI will not restart the POE module problem (HQ20200130000031)
V2.00.011	As DGS-1100 A1 uses firmware V1.00.010, when the switch is reboot, PoE power supply will not be interrupted, but in the case of firmware V2.00.011, in order to meet the requirements of case HQ20200130000031, PoE will be cut-off and re-started when the switch is rebooted.
V2.00.011J	1. Follow V2.00.011
V3.00.017	2. Fixed "Not respond after 12 hours." (DI20220308000005) 3. Add mib oid of cpu and memory utilization (HQ20210924000008) 4. Wizard configuration should save after reboot (HQ20211125000010) 5. SNMP community configuration "-"character (HQ20210910000010) 6. Remove the option field from the DHCP message (HQ20200731000002) 7. Time range configuration problem (HQ20200130000031) 8. Fixed the firmware V2.00.011 is installed on DGS-1100-10MPV2 and 10MPPV2 H/W A1, and displayed erroneous the H/W version on WEB-GUI.
V3.00.017J	1. Follow V3.00.017
V3.00.019	1. POE can't reach to the max(DBG22070337). 2. The backup image is not the original one, and DGS-1100V2 Ax treats the backup image as invalid F/W(DBG22060358). 3. A fail appears in the Conformance sifos test report(DBG22060360). 4. When configuring different speed ports in the same link aggregation group, the LACP port status will display "susp"(DBG22070103). 5. After changing ports 2-4 as access mode, port 4 still exists in VLAN

	2(DBG22070075).
V3.00.025	1.After updating FW:R3.00.B020, Wrong model name displays & PoE high power doesn't work(HQ20230308000005). 2.DGS-1100-18PV2/J2 has the wrong H/W version(HQ20230309000005). 3.DGS-1100-24PV2 - beck door CLI(HQ20230306000004). 4. keeps power delivering during rebooting via WebUI(HQ20230110000007). 5.Fixed that doesn't show Max (W) prpoerly(HQ20230110000006). 6.how to make user = root(HQ20230223000006). 7.Vlan WebGUI inconsistency(HQ20230209000004). 8.Unable to reach the Maximum PoE Budget(DBG23030723). 9.Switch should not allow user to input "space" on the system name field(DBG23030710). 10.The different accept frame type of port members can be bundled as the same port channel group(DBG23030787).
V4.00.019	1.The max chars of location do not satisfy the whole address.(DBG22090376) 2.No change between auto and auto max.(DBG23050274) 3.Cannot ping from SW1 to SW2, SW3 and SW4. (DBG23050266) 4.Performing other operations during the Firmware backup process can cause the Firmware backup to time out.(HQ20230426000007) 5.Fixed that The UI corruption in System Information(HQ20230515000007) 6.DUT downgrade firmware to 2.00.011J, the DUT model name will change to DGS-1100-18V2/J1, and the PoE function will be removed.(DBG23050254)

* D-Link tracking number is enclosed in ()

Known Issues:

DGS-1100-16V2/24V2/24PV2/10MPV2/10MPPV2/26MPV2/26MPPV2/18PV2:

Firmware Version	Issues	Workaround
V1.00.010	None	
V2.00.003	None	
V2.00.010	None	
V2.00.011	**1.**Please note that as DGS-1100V2 A2 models cannot use Firmware V1.00.010, and the old Firmware cannot support the new PHY chipset. - DGS-1100V2 A1: It can adopt any firmware version for upgrades or downgrades. - DGS-1100V2 A2: It can only adopt the firmware V2.00.011, and cannot support any lower versions, so for instance, in A2, those with firmware V2.00.011 cannot be downgraded to version 1.00.xxx or 2.00.003 **2.** The Firmware V2.00.011 installed on DGS-1100-10MPV2 and 10MPPV2 H/W A1 version, the H/W version was shown as A2 on WEB-GUI, but all functions are normal, while other DGS-1100V2 models do no have this problem.	The show "A2" error will be corrected in the V3.00.017.
V2.00.011J	None	
V3.00.017	**1.** Please note that as DGS-1100V2 A3 models cannot use Firmware V1.00.010~V2.00.011, and	Fixing in the V3.00.019 for

	the old Firmware cannot support the new PoE module. - DGS-1100V2 A1: It can adopt any firmware version for upgrades or downgrades. - DGS-1100V2 A2: It can only adopt the firmware 2.00.011, and cannot support any lower versions. - DGS-1100V2 A3: It can only adopt the firmware V3.00.017, and cannot support any lower versions, so for instance, in A3, those with firmware V3.00.017 cannot be downgraded to version 1.00.xxx or 2.00.xxx. **2.** A fail appears in the Conformance sifos test report, IC manufacturer confirms, will not have a bad influence on the devices. (DBG22060360). **3.** After changing ports 2-4 as access mode, port 4 still exists in VLAN 2(DBG22070075). **4.** Not support MIB.	2,3 point.
V3.00.017J	**1.** Please note that as DGS-1100-18PV2 J2 cannot use Firmware V2.00.011J, and the old Firmware cannot support the new PoE module. - DGS-1100V2 J1: It can adopt any firmware "J" version for upgrades. - DGS-1100V2 J2: It can only adopt the firmware V3.00.017J, and cannot support any lower versions. 2. Not support MIB.	Fool proof design and MIB support will be supported in the V4.00.018.
V3.00.019	**1.** Please note that as DGS-1100V2 A3 models cannot use Firmware V1.00.010~V2.00.011, and the old Firmware cannot support the new PoE module. - DGS-1100V2 A1: It can only adopt the firmware V1.00.010~V3.00.017. - DGS-1100V2 A2: It can only adopt the firmware V2.00.011~V3.00.017 and cannot support any lower versions. - DGS-1100V2 A3: It can only adopt the firmware V3.00.017 and V3.00.019(except for 18PV2 & 24PV2), and cannot support any lower versions, so for instance, in A3, those with firmware V3.00.019 cannot be downgraded to version 1.00.xxx or 2.00.xxx. **2.** Firmware V3.00.019 **cannot** be used on the following models: -DGS-1100-10MPV2 A1/A2 -DGS-1100-10MPPV2 A1/A2 -DGS-1100-26MPV2 A1/A2 -DGS-1100-26MPPV2 A1/A2	
V3.00.025	**1**.The max chars of location do not satisfy the whole address.(DBG22090376)	The issue will be corrected in the V4.00.xxx.

V4.00.019	None	

Related Documentation:

- DGS-1100-16V2/24V2/24PV2/10MPV2/10MPPV2/26MPV2/26MPPV2/18PV2 User Manual