New Firmware Upgrade Procedure

Note: If the device is with old firmware as follows, please follow up the upgrade procedure to upgrade to the latest firmware.

Model	Old F/W	The latest F/W
DGS-1216T	V4.00.xx	V4.20.11
DGS-1224T	V4.00.xx	V4.20.11
DES-1228P	V1.00.xx or V1.10.xx or V1.20.xx	V1.30.08
DES-1228	V1.00.xx	V1.10.08
DES-1252	V1.00.xx	V1.10.08

Upgrade Procedure:

User has to upgrade **three** different firmware files (FWU.hex, WSSldr.hex, FWN.hex) in order to accomplish new firmware upgraded. Please find the firmware file in the attached file as below.

File Requirement :

General Name	DGS-1216T v.D1/D2	DGS-1224T v.D1/D2
FWU.hex	1216TFWU.hex	1224TFWU.hex
WSSldr.hex	1216Tldr.hex	1224Tldr.hex
FWN.hex	**DGS-1216T_DX_42010.hex**	**DGS-1224T_DX_42010.hex**
Firmware File		

General Name	DGS-1228P v.A1	DGS-1228 v.A1
FWU.hex	1228PFWU.hex	1228FWU.hex
WSSldr.hex	1228Pldr.hex	1228ldr.hex
FWN.hex	**DES-1228P_A1_13008.hex**	**DES-1228_A1_11008.hex**
Firmware File		

| General Name	DGS-1252 v.A1
FWU.hex	1252FWU.hex
WSSldr.hex	1252ldr.hex
FWN.hex	**DES-1252_A1_11008.hex**
Firmware File	

Users can upgrade firmware either through SmartConsole Utility or Web GUI, please follow up the steps as follows.

1. **Upgrade firmware through SmartConsole Utility (Please refer to below step. i-xi)**
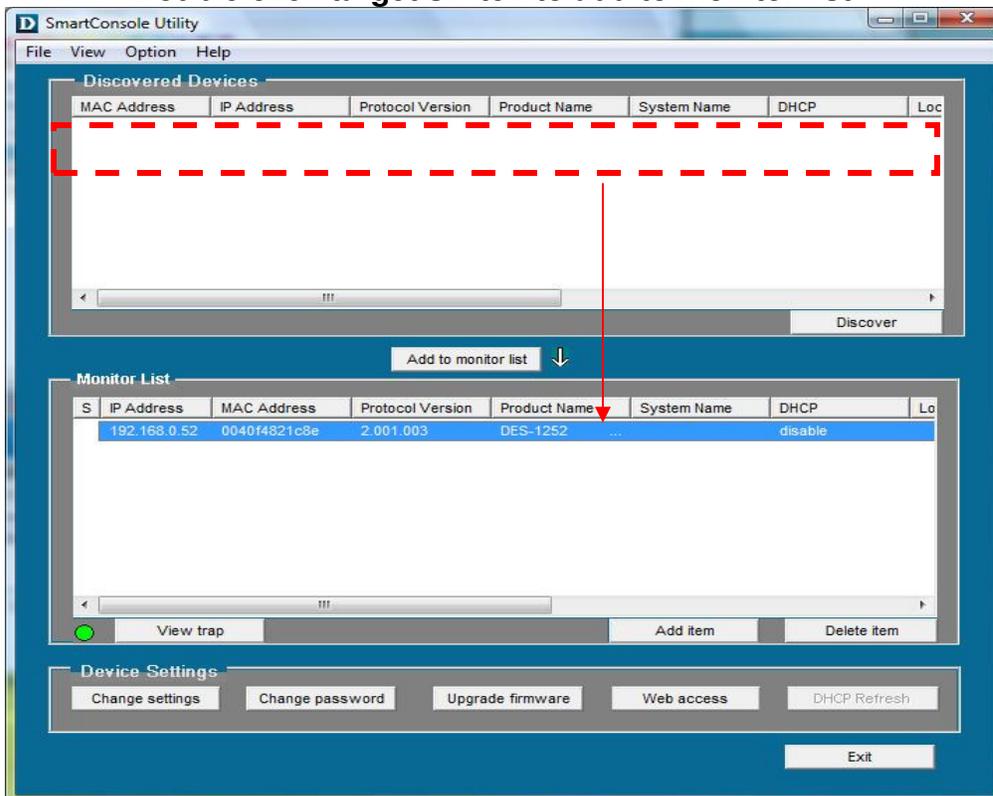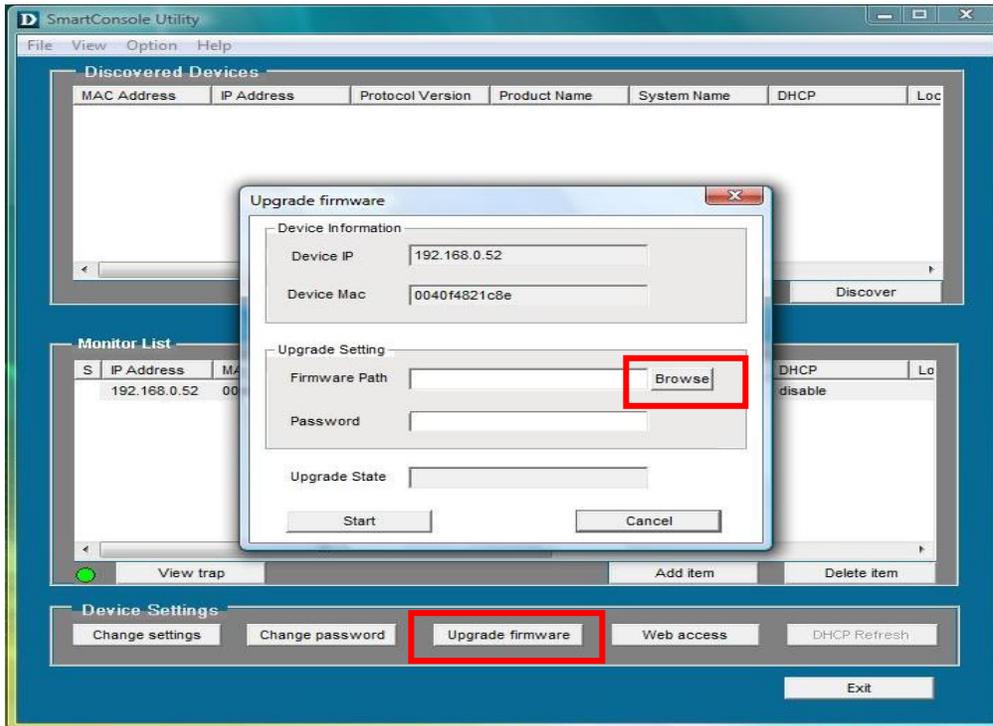
   i. **Execute smart console utility**
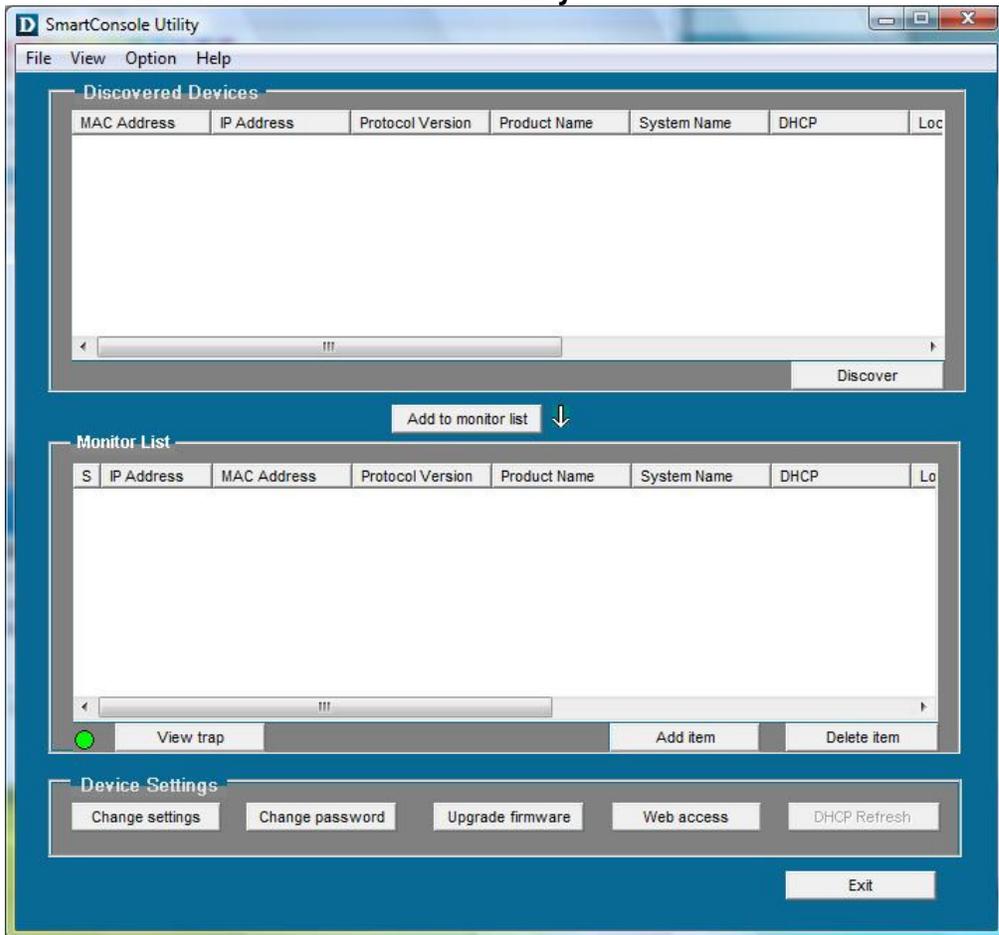
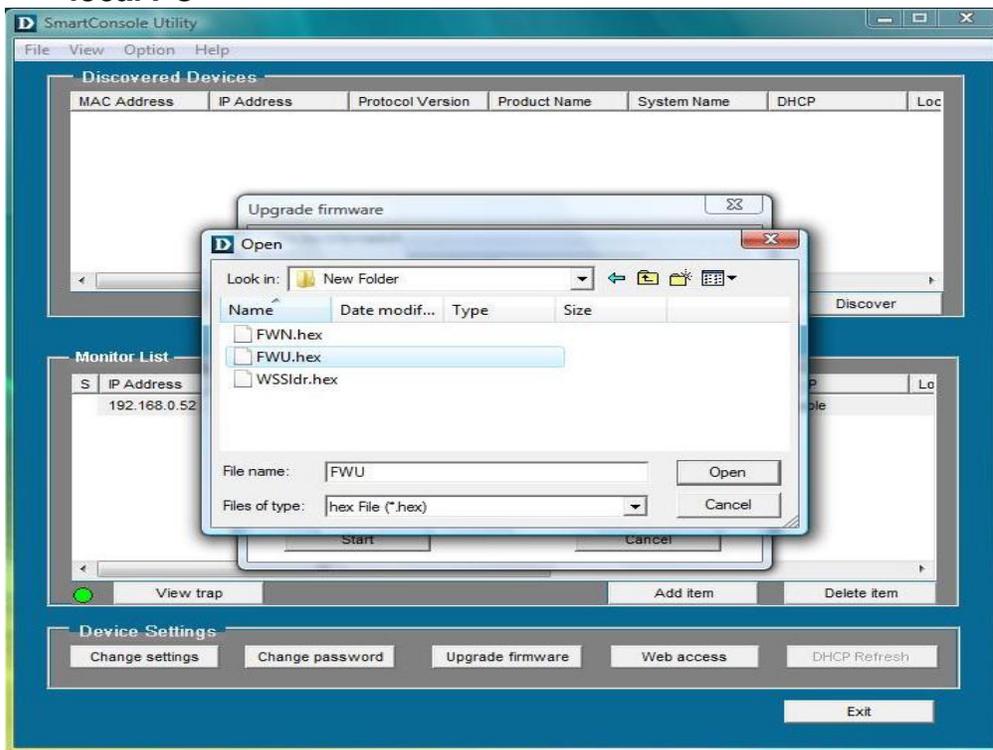## ii. Click Discovery button to search target switch
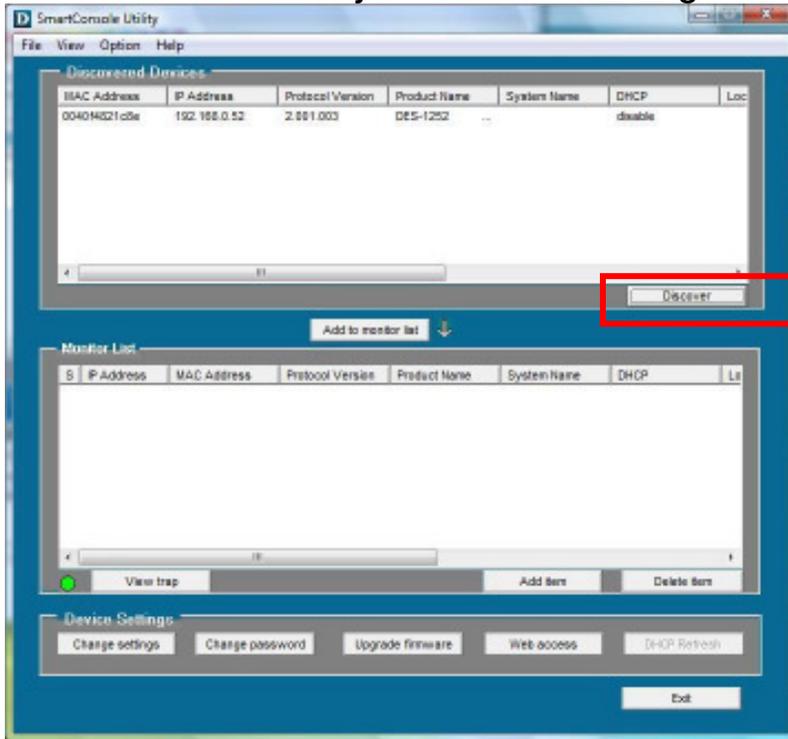
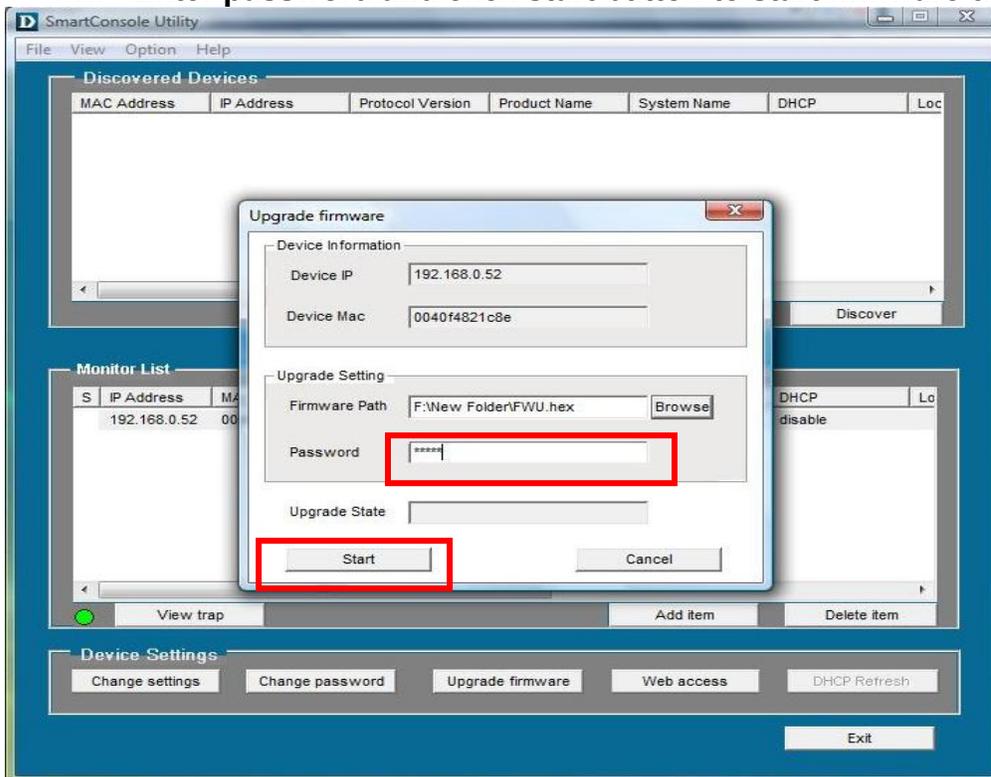

iii. Double click target switch to add to monitor list

iv. Click firmware upgrade button

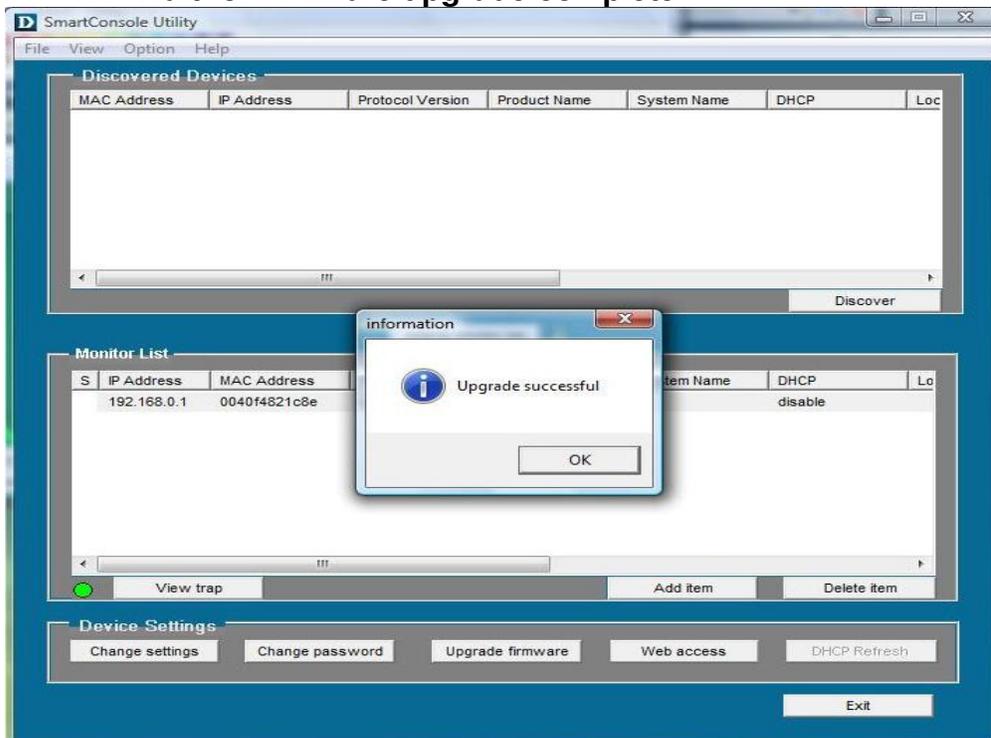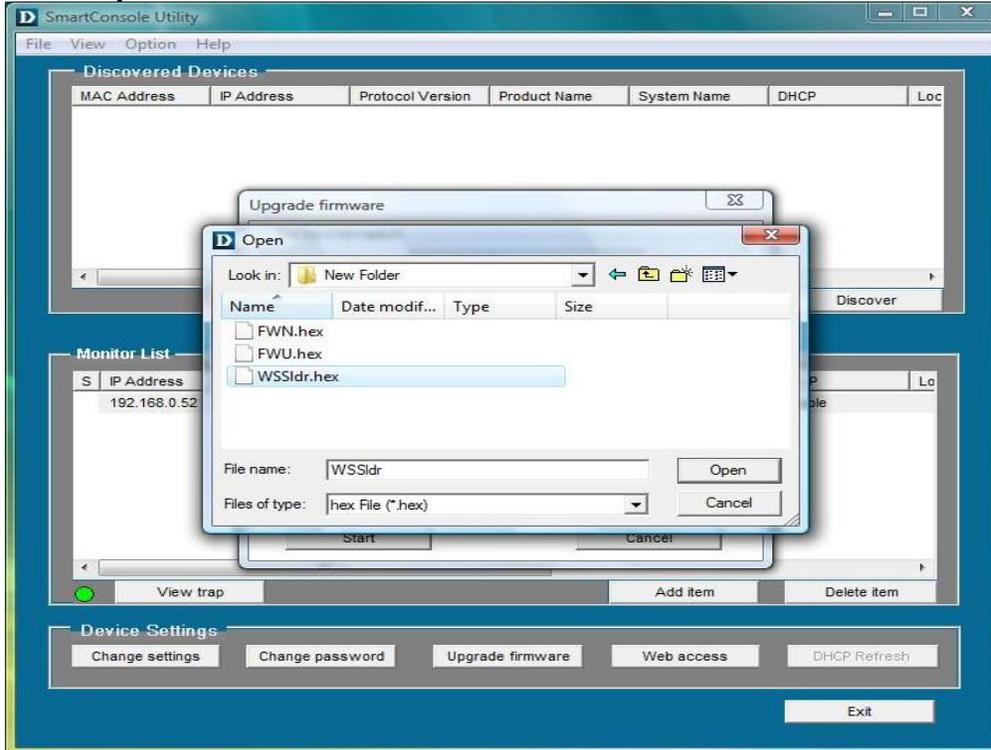### v. Click Browse button to search fwu.hex firmware file from user's local PC

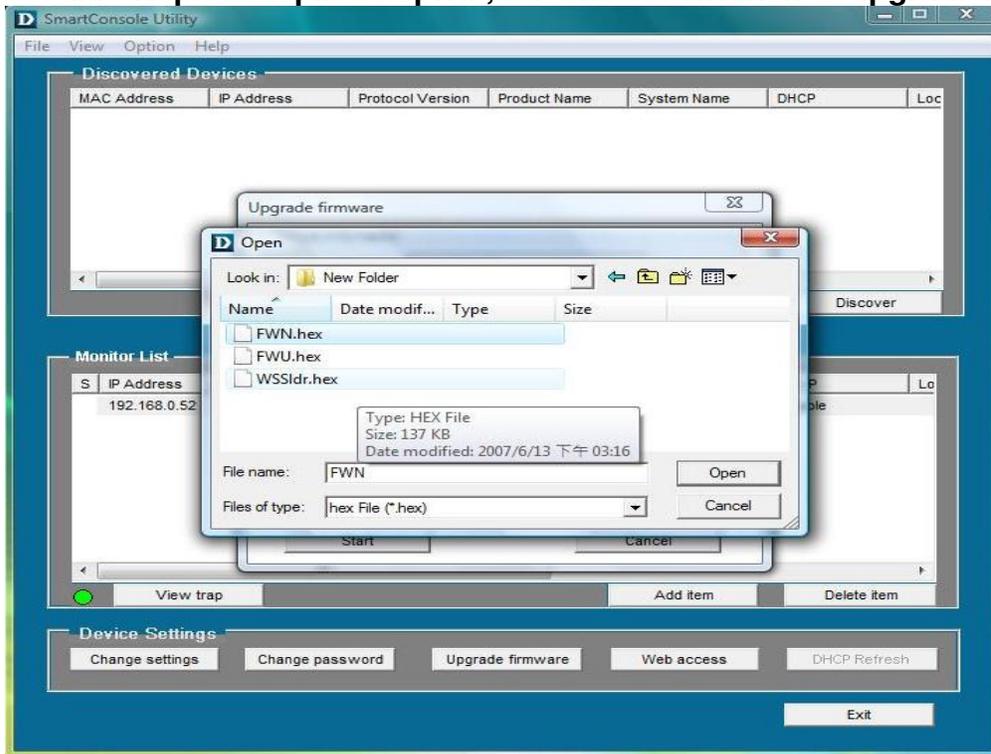### vi. Enter password and click start button to start firmware upgrade

vii. Wait for firmware upgrade complete

viii. Repeat step.i ~ step.vii, but choose WSSldr.hex to upgrade in step.v
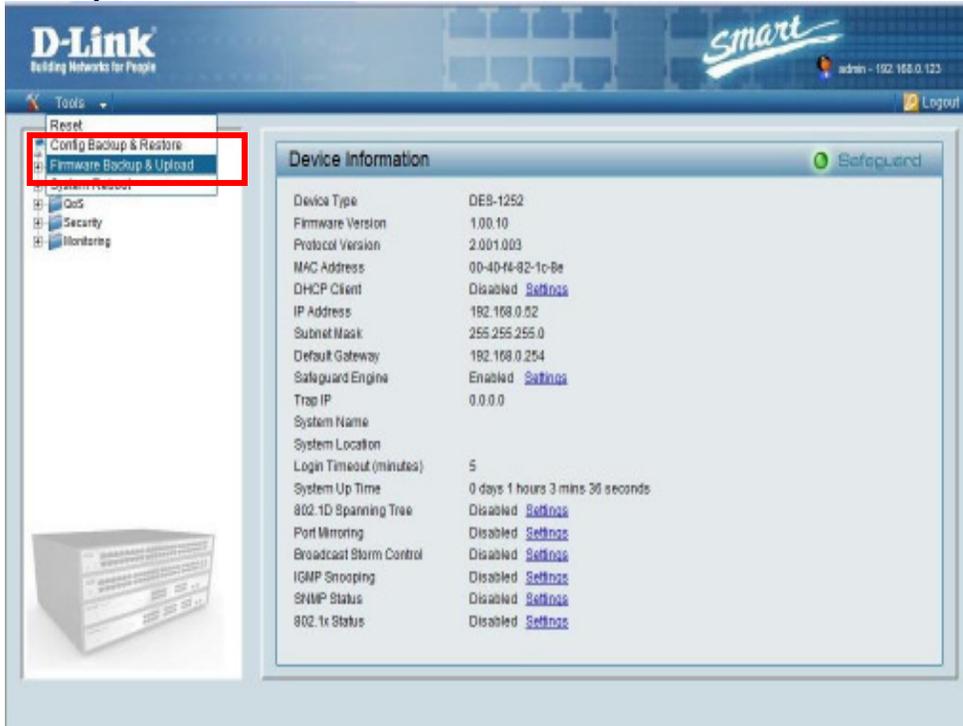

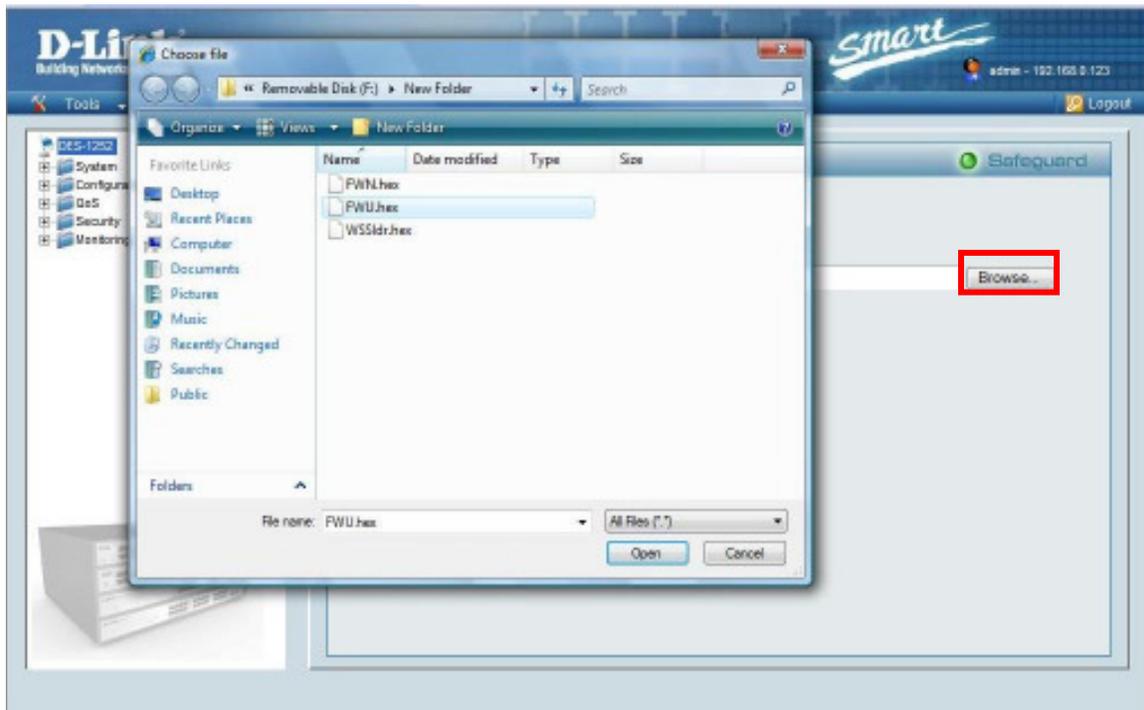**ix. Repeat step.i ~ step.vii , but choose fwn.hex to upgrade in step.v**

2. Upgrade firmware through Web GUI (Please refer to below step. i-vi)

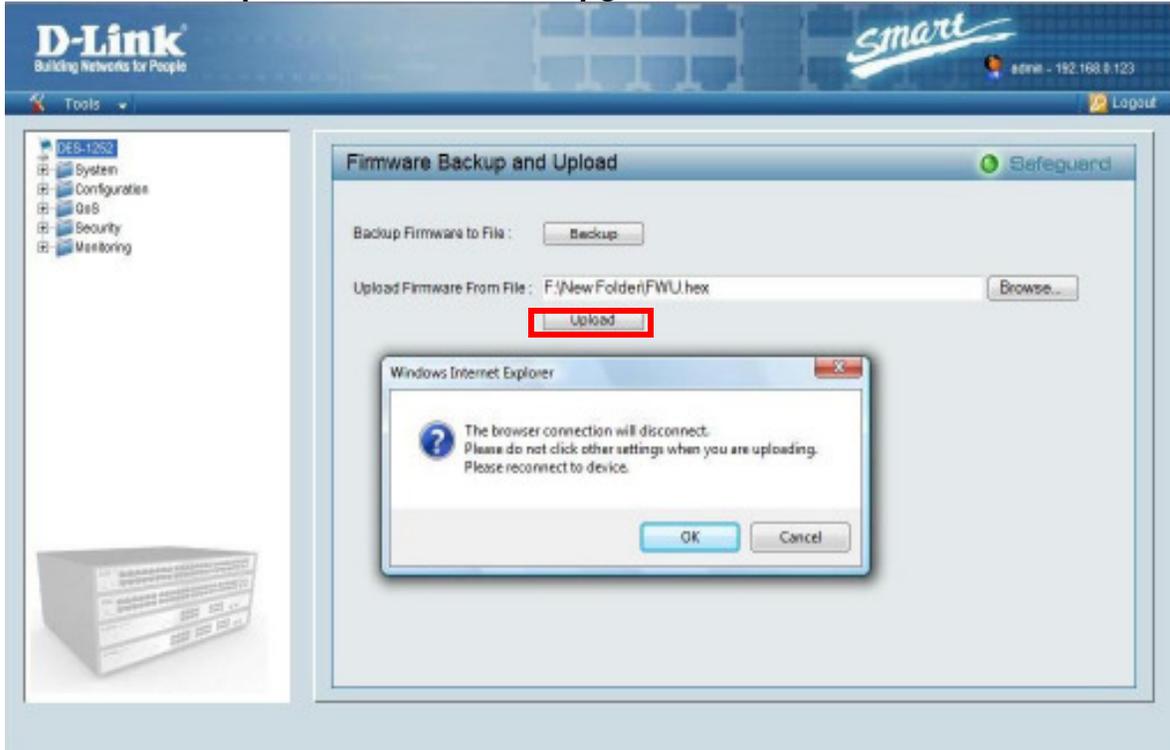i. **Open web GUI , clicking tool and choosing Firmware Backup & Upload**

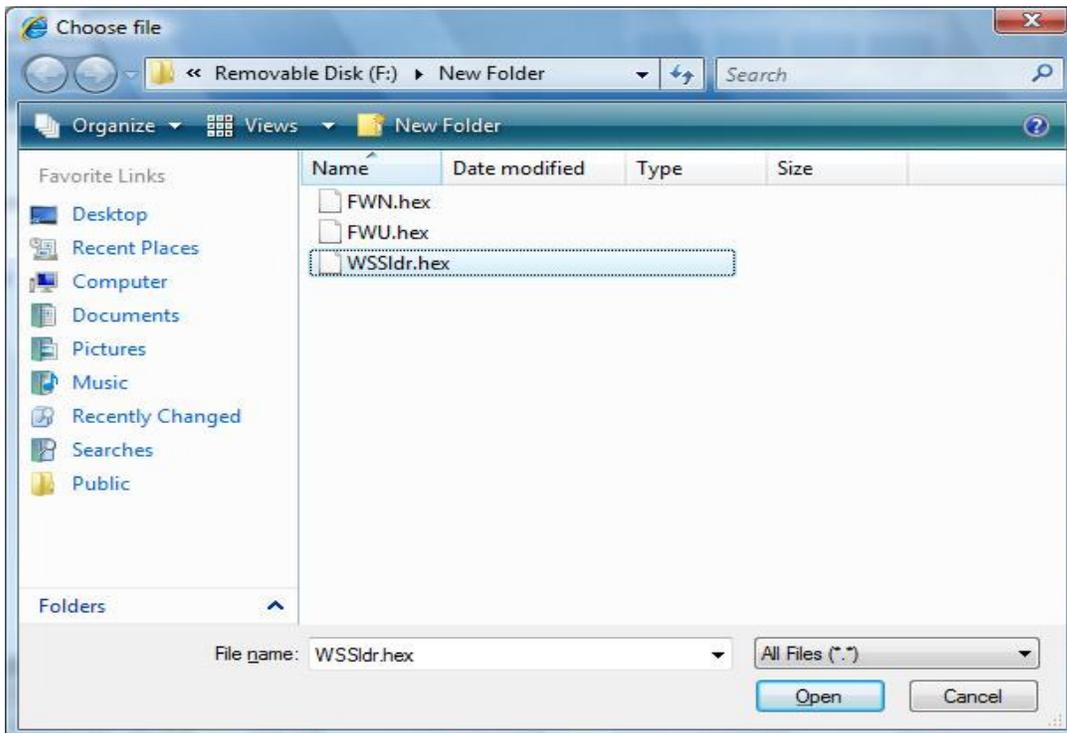ii. **Click browse button and choose fwu.hex firmware file from local user's PC**

iii. Click Upload button to start upgrade firmware

iv. Wait for firmware upgrade complete then restart Web GUI

v. Repeat step.i ~ step.iv , but choose WSSldr.hex in step.ii

vi. Repeat step.i ~ step.iv , but choose fwn.hex in step.ii