

How to update DVG-2001S firmware via TFTP Server

Step 1. Download the latest firmware available for the DVG-2001S and also download the TFTP Server from the below link:

http://www.dlink.com.au/tech/Download/download.aspx?product=DVG-2001S&revision=REV_A&filetype=Firmware

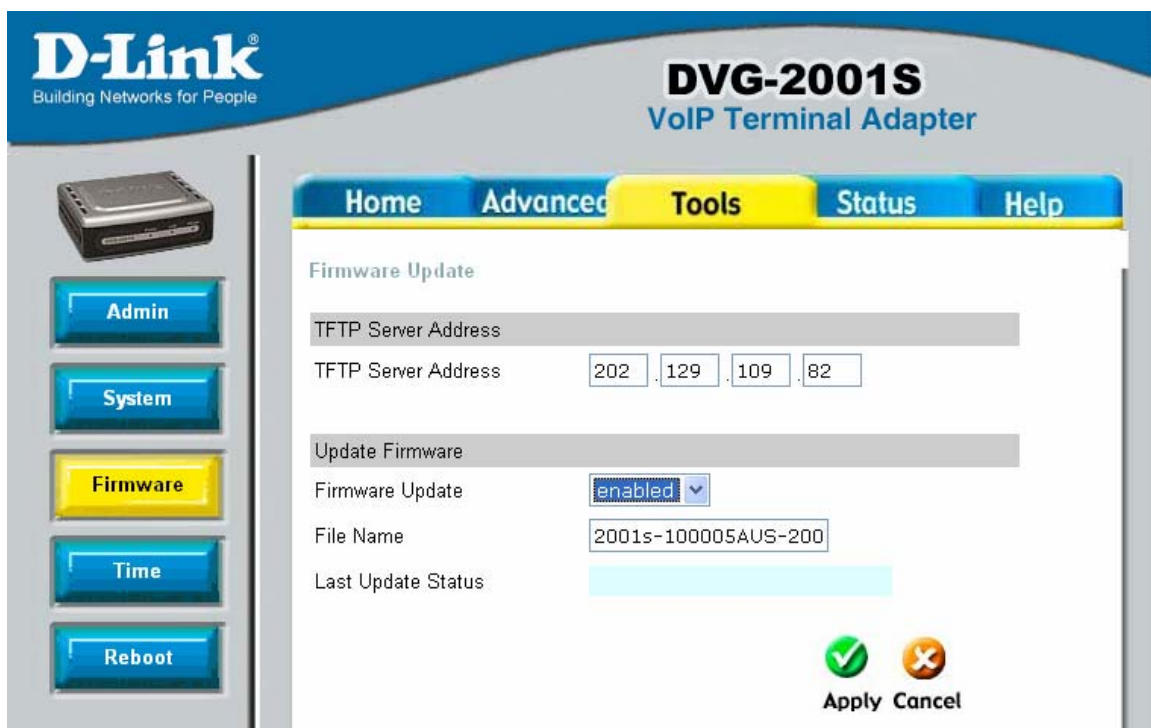
Step 2. Make sure all software firewalls are turned off on the computer you are doing the upgrade from.

Step 3. Create a new folder on your desktop and paste the firmware file and the TFTP software into this folder.

Step 4. Open this folder and launch the TFTP program by double-clicking on it. Leave the software running.

OPTION A (WEB Interface):

Step 5. Log into the DVG-2001S and go to the Tools > Firmware page. Set Firmware Upgrade option to 'ENABLE'.

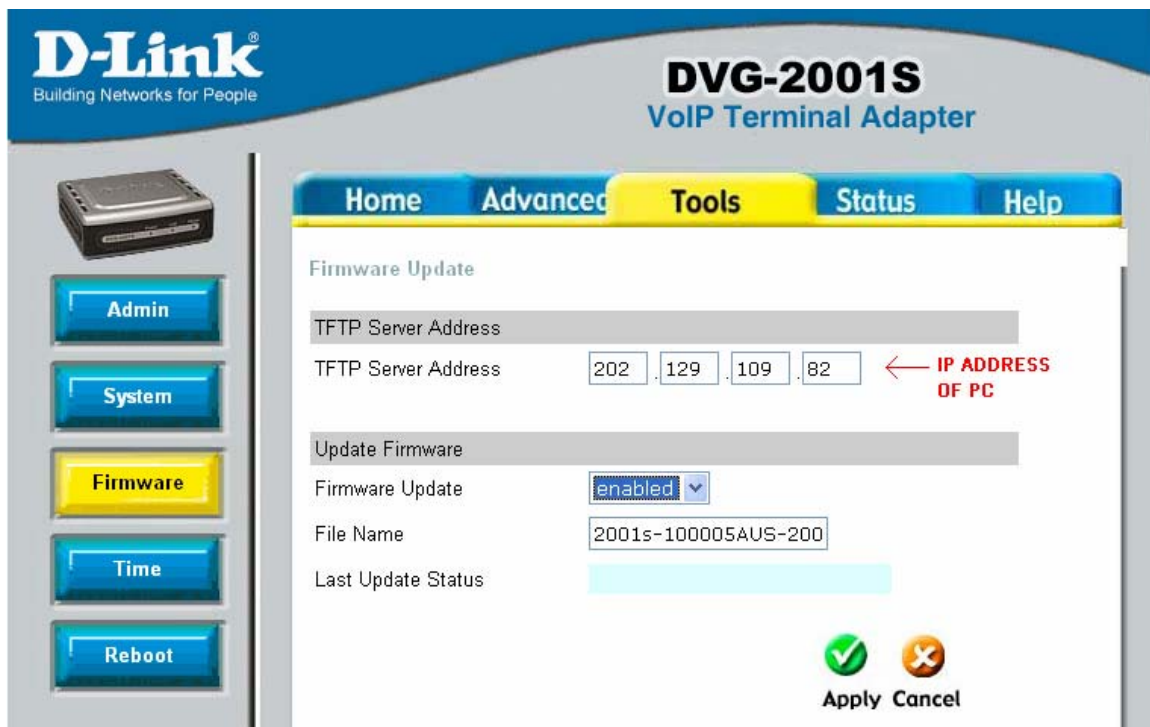


The screenshot displays the web interface of a D-Link DVG-2001S VoIP Terminal Adapter. The interface features a blue header with the D-Link logo and the product name. A navigation bar includes tabs for Home, Advanced, Tools (selected), Status, and Help. On the left, a sidebar contains buttons for Admin, System, Firmware (highlighted), Time, and Reboot. The main content area is titled 'Firmware Update' and contains the following fields:

- TFTP Server Address: A text input field.
- TFTP Server Address: A numeric input field with four segments containing the values 202, 129, 109, and 82.
- Update Firmware: A text input field.
- Firmware Update: A dropdown menu currently set to 'enabled'.
- File Name: A text input field containing the value '2001s-100005AUS-200'.
- Last Update Status: A text input field.

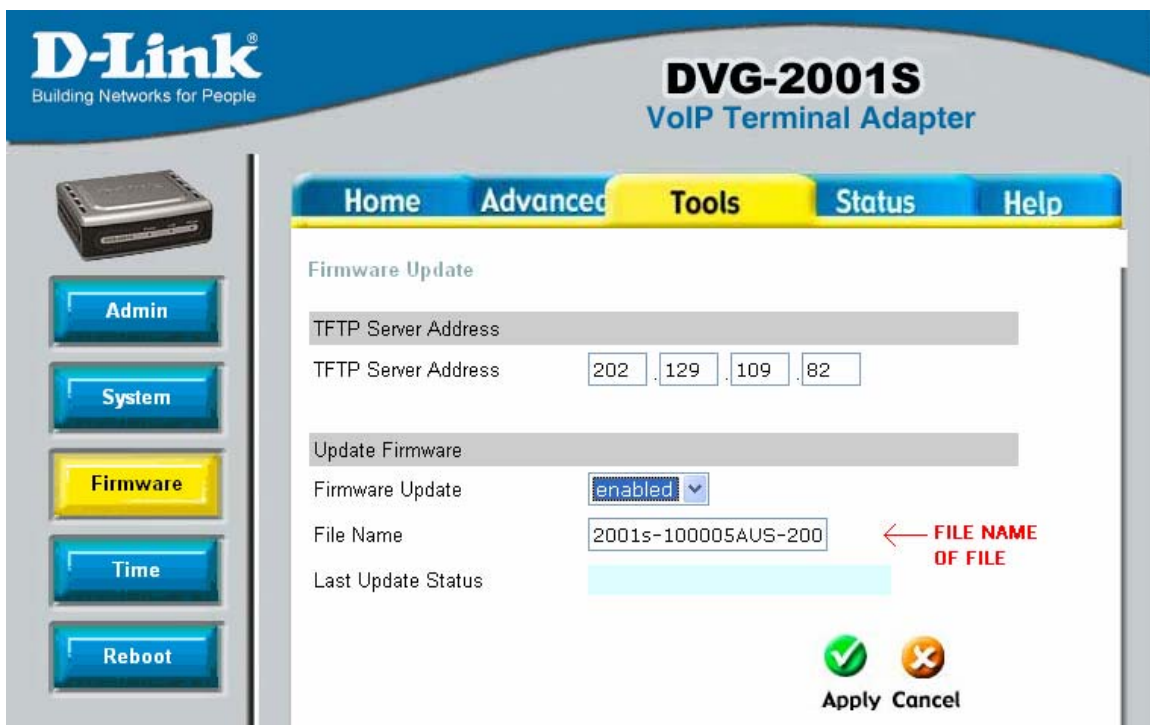
At the bottom right of the form, there are two buttons: 'Apply' (indicated by a green checkmark icon) and 'Cancel' (indicated by an orange 'X' icon).

Step 6. Under TFTP Server Address enter the IP address of the computer that has the TFTP software running.



The screenshot shows the D-Link DVG-2001S VoIP Terminal Adapter web interface. The 'Tools' tab is selected, and the 'Firmware Update' section is active. The 'TFTP Server Address' field is set to 202.129.109.82, with a red arrow pointing to it and the text 'IP ADDRESS OF PC'. The 'Update Firmware' section has 'Firmware Update' set to 'enabled' and 'File Name' set to '2001s-100005AUS-200'. The 'Last Update Status' field is empty. At the bottom right, there are 'Apply' and 'Cancel' buttons with green checkmark and orange X icons respectively.

Step 7. Copy or type the exact FILE NAME of the firmware file and paste it into the File Name field.



This screenshot is identical to the previous one, but with a red arrow pointing to the 'File Name' field containing '2001s-100005AUS-200' and the text 'FILE NAME OF FILE'.

Step 8. Click on Apply to start the firmware upload. Give it several minutes to finish the firmware upload.

OPTION B (Telnet):

Step 5. On your computer go to Start > Run and type

```
telnet 10.1.1.1
```

(where 10.1.1.1 is the IP address of the DVG-2001S)

Step 6. Once logged in, enter the following commands:

```
tftp srvip 10.1.1.55
```

(where 10.1.1.55 is the IP of the computer with the TFTP software running)

```
tftp get firmwarefilename.ext
```

(where 'firmwarefilename.ext' is the name of the firmware file)

```
tftp update
```

Step 7. Restart the DVG-2001S after the firmware has been uploaded.

Type the below command via the telnet session

```
nwdbg save changes
```

This will save and restart the DVG-2001S with the new firmware.