

DPH-80 Firmware Download Procedure

1. Introduction

This document aims at helping the user to download the new software into DPH-80.

2. Firmware Release

Basically, the new release contains two firmware files, which are downloadable into DPH-80 using a tftp server.

- <filename>v1.tfp
- <filename>v2.tfp

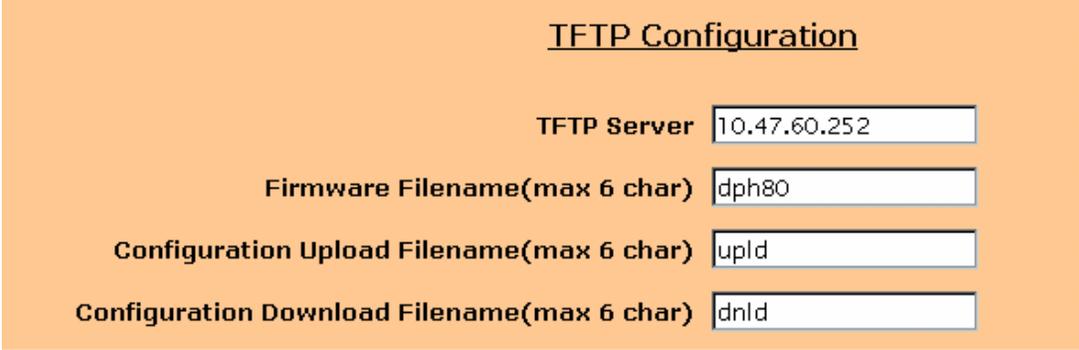
IMPORTANT: the **filename** portion of the firmware files above can be renamed to something else, but the last 2 characters (i.e. “v1” or “v2”) including the “.tfp” extension **MUST** remain unchanged. The upgrade will fail if “v1.tfp” or “v2.tfp” portion is changed.

3. Configuration

Before downloading the new firmware, DPH-80 needs to be configured via web interface with details of tftp server IP address and firmware filename. Using web interface, TFTP Configuration is available under **General Configuration > TFTP Configuration**.

Firmware Filename: This is the name of the image file you want to download from the TFTP server. It has to be 6 characters long at the maximum. It should start with a letter and should consist of digits, letters and underscore. The file name does **not** include the characters “v1” or “v2” and the “.tfp” file extension. DPH-80 will identify the right (v1 or v2) image and download it.

Example: tftp server is running on the machine 10.47.60.252 and the firmware release file names are dph80v1.tfp and dph80v2.tfp, then the DPH-80 web configuration should be as follows.



The screenshot shows a web interface titled "TFTP Configuration" with four input fields:

- TFTP Server: 10.47.60.252
- Firmware Filename(max 6 char): dph80
- Configuration Upload Filename(max 6 char): upld
- Configuration Download Filename(max 6 char): dnld

Note: Even though the file name is dph80xx.tfp, you have to configure the filename as dph80, and both the v1.tfp and v2.tfp files should be available for download.

4. Download Steps

- When you receive a new release, verify the filenames as mentioned in Section 2. If you need to rename the filenames, refer to the same section.
- Run the tftp server on the PC where firmware files are available, keep the firmware files in the **same directory** as the tftp server’s directory, or set the

firmware directory path in the tftp server accordingly. (Minor info: Make sure that the download block size is set to 512 bytes and port numbers are set to default tftp port.)

- Configure the DPH-80 as Section 3. above.
- Use “Firmware Download” from the web interface, select “Yes”.
- The download should start as soon as DPH-80 reboots itself and you should be able to see the progress in the tftp server.

Client IP	File Name	Direction	Progress
10.1.1.80	dph80v2.tftp	get	53760 bytes (6 %)

- After tftp download is completed, verify the new firmware version by logging back into DPH-80.

If the firmware version does not match, then verify all the above procedures and perform them again.

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