

## Firmware Update Instructions

We recommend that you print out these instructions, if possible.

1. Your computer must have an internet connection so you may access our website.
2. Format a SSD in the Gemini 4:4:4 (ensuring that no important clips are on the SSD first).
3. Insert the formatted SSD card in the transfer station.
4. Connect the transfer station to your computer, connecting both the USB and eSATA cables to your computer and the transfer station.

If your computer does not recognize the SSD, you will need to reboot your computer.

- a. We recommend creating a folder named something like the following:  
Gemini 444 Firmware 2012-02-10 (1.0.594)  
(Use today's date and firmware number as listed in our webpage.)  
But you may create a folder using a folder name of your choice.
5. Download the latest Gemini 4:4:4 firmware from the website:  
[FIRMWARE UPDATES | GEMINI 4:4:4](#)  
Note: You may install the latest version posted, or reinstall any earlier version of the firmware if desired.

You do not need to install firmware updates in sequence; you may skip from one to any other one, as desired.

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**Warning: Please note that all video inputs (HD-SDI Input Cables) to the Gemini 4:4:4 must be removed for the firmware update to be successful.**

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**For Windows 7: (Other Windows Computers will be similar)**  
*See below for Mac instructions*

6. Click on Save As.
7. Navigate to the folder you just created.
8. Click on Save. The file you saved will be Gemini 1.0.594.zip (the current firmware version number)
9. Navigate to this folder and file. (You may just click on “Open Folder”)
10. Double Click on this file. It will be something like “Gemini 1.0.594.zip” (the current firmware number).
11. Click on Extract All Files.
12. Click on Extract.
13. Double Click on Gemini 1.0.594 (or current firmware version number).
14. Drag and Drop the }GEM\_UPDATE{ folder to your SSD Drive (Listed under Computer) on the left hand side of your screen.

Note: The SSD may be “No Name”, and it can be any Drive Letter”, but it will have a }CLIPS{ folder on the drive.

Do not copy the firmware update into the }CLIPS{ folder.

Answer Yes to: “Do you want to copy this folder without Encryption?”

And Answer Yes to: “Do you want to copy this file without Encryption?”

**Skip over “For Mac” instructions to finish the update.**

**For Mac**

1. Start with Steps 1 through 8 above.
2. Double click on the }GEM\_UPDATE{.zip
3. Copy or Drag }GEM\_UPDATE{ folder to SSD.

**For Both Mac and Windows (PC continued)**

1. If done successfully, you will have:
  - }CLIPS{ (An Empty Folder)
  - }GEM\_UPDATE{ (The Update Folder)
  - }GEMINI{.UPD (The Actual Firmware Update File)
2. Use the “Safely Remove Hardware” option or shutdown your computer gracefully, to ensure that the firmware has been completely transferred to the SSD.
3. Otherwise, the firmware update may not be successfully copied to the SSD, and then the Gemini 4:4:4 will not find the firmware update.
4. Ensure that you have adequate power to power the Gemini 4:4:4, either battery or AC Power. The firmware update takes less than 5 minutes, but please ensure that you have at least 30 minutes of battery time remaining to ensure safety.
5. Power Up the Gemini 4:4:4.
6. Removing any video input cables.
7. Remove all SSD’s.
8. Insert the SSD with the firmware update.
9. Then power on the unit.
10. You will see a Firmware Update screen if the file is on the SSD properly.

11. Follow the On-Screen Prompts to complete the firmware update.
12. When complete it will say: "DONE - PLEASE REMOVE UPDATE DRIVE"  
(Please remove the SSD; The unit will then power off and back on automatically).
13. If you wish to then reuse this SSD (normally the case, unless you have additional Gemini 4:4:4's to update):
  - a. Insert the SSD back into the Gemini 4:4:4
  - b. Click on Cancel (to avoid performing the Firmware Update again)
  - c. Reformat the SSD (Click on Menu, then Gemini, then SSD's, then Format SSD1 or Format SSD2)

This step is very important:

**Then power off the Gemini 4:4:4, then Power it back on.  
If you fail to perform this step to power cycle the unit, then all  
features of the Gemini 4:4:4 may not work properly.**

**TROUBLE SHOOTING:** Firmware Update NOT Initializing

If you insert the SSD into the Gemini 4:4:4 and it does not start the firmware update process, the Folder Name is not correct, or the file is not in the correct location, as outlined above.