

## Firmware Update Instructions

**IMPORTANT!**  
Updating from 1.0.594 to 1.1.2 may give you an “Error! Update Failed.”  
If this occurs, cycle power and try again.

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. Navigate to our website: [Firmware Updates > Gemini 4:4:4](#)
3. On the Right Side of the page, you will find “Current Firmware”.  
Make a note of the firmware version that you will be downloading.
4. Format a SSD in the Gemini 4:4:4 (ensuring that no important clips are on the SSD first).
5. Insert the formatted SSD card in the transfer station.

**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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6. Delete the Sandbox file from the SSD to create free space on the SSD.
7. Connect the transfer station to your computer.  
**For eSATA Transfer Station:** Connect both the USB and eSATA cables to your computer and the transfer station. If your computer does not recognize the SSD, you may need to reboot your computer.  
  
**For Universal Transfer Station:** Connect with Seagate GoFlex Adapter appropriate cabling.

8. We recommend creating a folder named something like the following:  
Gemini 444 Firmware 2012-05-26 (xxx). This example uses today's date and firmware number as listed in our webpage, but you may create a folder using a folder name of your choice.
9. Click on the firmware version that you wish to download.  
Note: You may reinstall an earlier version of the firmware, if desired.

**For Windows 7: (Other Windows Computers will be similar)**

***See below for Mac instructions***

10. Click on Save As.
11. Navigate to the folder you just created.
12. Click on Save. The file you saved will be Gemini xxx.zip  
(or the current firmware version number)
13. Navigate to this folder and file. (You may just click on "Open Folder")
14. Double Click on this file. It will be something like "Gemini 1.0.105.zip" but with the current firmware number.
15. Click on Extract All Files.
16. Click on Extract.
17. Double Click on Gemini 1.0.105 (or current firmware version number).
18. 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**

8. Start with Steps 1 through 9 above.
9. Double click on the }GEM\_UPDATE{.zip
10. 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/restart 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.
11. Ensure that you have adequate power to power the Gemini 4:4:4, either battery or AC Power. The firmware update takes approximately 5 minutes, but please ensure that you have at least 30 minutes of battery time remaining to ensure safety.
12. Power up the Gemini 4:4:4.
13. Removing any video input cables.
14. Remove all SSD's.
15. Insert the SSD with the firmware update.
16. Then power on the unit.
17. You will see a Firmware Update screen if the file is on the SSD properly.
18. Follow the On-Screen Prompts to complete the firmware update.
19. When complete it will say: “DONE – PLEASE REMOVE UPDATE DRIVE”  
(Please remove the SSD; The unit will then power off and back on automatically).

20. 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: ! UPDATE FAILED ! or ! EMERGENCY UPDATE !**

Check your power source, pull the power, and then run the update again. MAKE SURE THERE IS NO VIDEO SOURCE plugged into the unit, and that there is only ONE SSD PRESENT.

If this process fails twice, contact [Support](#).