

# DVM Firmware Build Update Instructions

**Important:** Power off the mirror before removing or inserting the CF card.

1. Verify that the mirror is powered off by briefly pressing the MENU button. If no activity is noticed on the mirror, then you may safely remove the CF card.
  2. Insert the CF card into the CF card reader on the VideoManager computer.
  3. Log into VideoManager as admin, upload all videos from the CF card.
  4. Run Erase/Format CF Card under the Utilities menu to clear the CF card and reactivate it.
  5. Obtain the latest DVM-500 Build file from Digital Ally, Inc. It will be a .zip archive file.
  6. Locate the .zip file on your computer. Expand the file by right-clicking on it, and then selecting **Extract All** from the pop-up menu. Click **Next** in the window that appears. Click **Next** again, and then click **Finish** to complete the process.
  7. Open the folder containing the DVM Build file, and then right-click on the file RearView.hex. Select **Copy** from the pop-up menu.
  8. Open the CF card in “My Computer”, then right-click in the white area of the window and select **Paste** from the pop-up menu. RearView.hex should now appear on the CF card.
  9. Remove the CF card from the CF card reader.
  10. Insert the CF card into your mirror while the mirror is powered off.
  11. Power up the mirror by pressing and holding the MARK button for 2-3 seconds. Upon power up the following message will be displayed:

Press up button to update firmware.  
Press down to continue without updating firmware.
  12. Press the up button (button 5) to continue with the upgrade. It will take a few seconds for the new software to install. After the mirror has finished updating, it will automatically re-boot. The Digital Ally splash screen will display briefly showing the new build number, and then the login screen will appear.
  13. Power down the mirror by pressing and holding the MARK button for 2-3 seconds.
  14. Remove the CF card from the mirror and insert it into the CF card reader on the computer. Access the CF card and erase the RearView.hex file. Alternatively, an admin can log into VideoManager, and then run Erase/Format CF Card under the Utilities menu.
- (Note: If the RearView.hex file is not erased from the CF card, the mirror will prompt the user with upgrade instructions each time it is powered on.)