TSx / ILx Update Instructions

If you are notified by Fastec or one of its distributors that an update is available, they will let you know where the file is located and how to download it. The PC will need to have an SD Card port or have a card reader attached to it. (Note: It is possible to use the camera's SD Card port for this purpose by attaching to the PC via the OTG cable.)

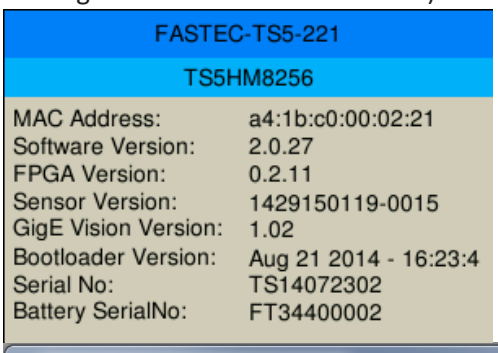
Important!...Save all image data on the camera before updating. File metadata structures may change with updated firmware.

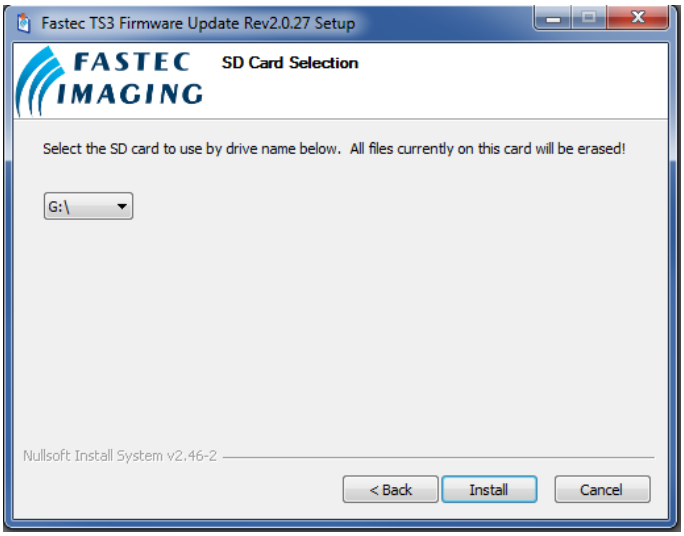
Update Procedure:

1. Navigate to System/Information/Status to see the current Software Version of your TSx, or to the Find Camera dialog or Found Cameras list in Fas*M*otion on the ILx.
2. Power down the camera.
3. Download the update files to a Windows PC. The camera firmware update file name will be in the form of "TSx_revx-.x.x_<Year>_<date>.exe." For example, the latest revision as of June, 2015 is: TS3_rev2.0.27_2015_0625.exe and FasMotion_2.0.27.exe. Updates always include both camera firmware and Fas*M*otion software. The version numbers should match. **Update the camera first!**
4. Attach an SDHC card to the PC. If the PC does not have a built in card reader, you may attach a USB card reader to it. **Please note the drive letter the PC assigns the card**.
5. Double click on the update file. The Update Screen will appear. Click Next.
6. A License Agreement will appear. Click the check box to accept the terms and click Next.
7. A screen will appear for selecting the SD Card. Make sure that you have selected the correct drive letter before clicking on Install**.** A new window with a progress bar will appear.
8. Once the update program has finished writing to the SD Card, a final screen will appear. Click on Finish. Eject, and then remove the SD Card from the PC.

Note: If the update creation verification fails the first time, retry with the same SD Card.

9. Insert the SD Card into the SDHC slot of the camera.
10. The update may be initiated from hardware or software. Select an method from the next page.
11. Navigate again to System/Information/Status to see the current Software Version of your TSx, or to the Find Camera dialog in Fas*M*otion on the ILx.
12. Go to System/Configuration/Reset and Perform an "Hard Reset" on the TS3, or go to the Configuration menu in FasMotion and select Factory Config. The camera will reboot.
13. Perform a Black Frame Calibration on the camera via the Record Menu on the TSx or the Configuration Menu in FasMotion.
14. If the Camera has an SSD, it should be formatted before use.
15. Restore the SD Card. (See "Restoring the SD Card" on the next page.)





Update Methods

Update from Fas*M*otion software:

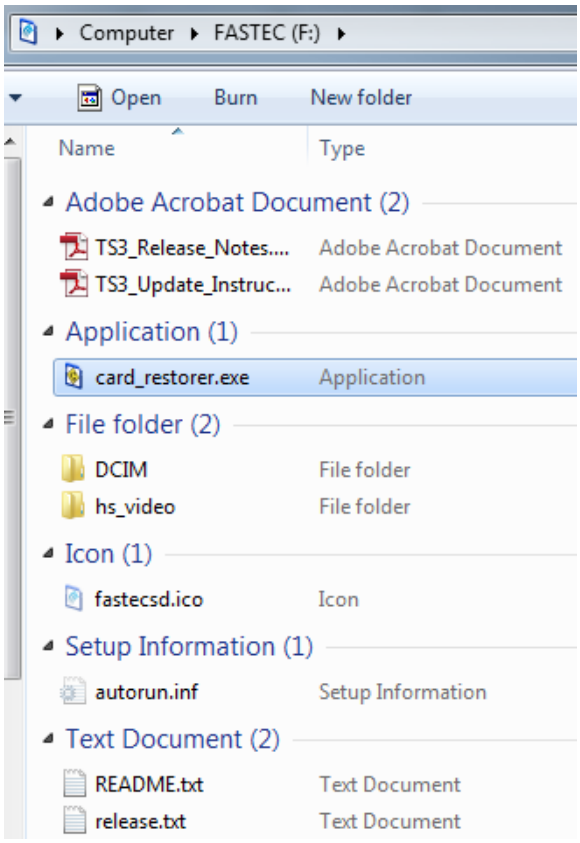
1. Follow #s 3-9 on the previous page.
2. In Fas*M*otion, select “Update” in the Camera menu.
3. The camera should perform the update and reboot.
4. After the camera has rebooted, you will need to reconnect to Fas*M*otion. (This is a good time to update Fas*M*otion.)
5. Follow #s 11-15 on the previous page.

Update from the Camera GUI (TS3 only):

1. Follow #s 3-9 on the previous page.
2. Navigate to System/Configuration and select Update
3. When prompted if you have an Update SD card inserted, click on “Yes.”
4. The camera should perform the update and reboot.
5. Follow #s 11-15 on the previous page.

Update on Power Up:

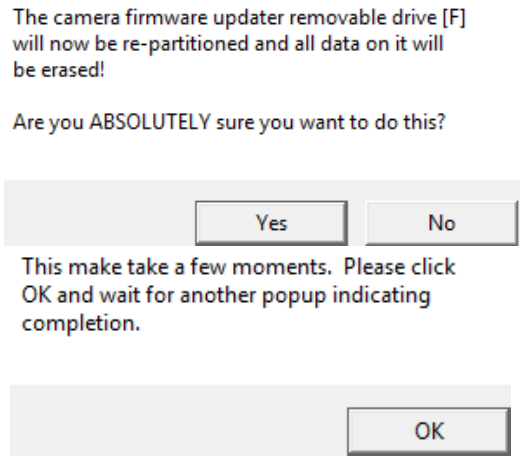
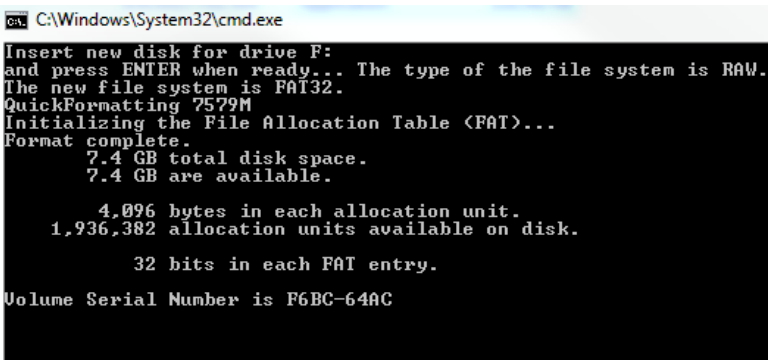
1. Follow #s 3-9 on the previous page.
2. Power down the camera.
3. **TSx:** Power up the TSx while pressing the Up Arrow on the D-Pad. As the TSx boots up, you will see a blue update screen and a progress bar. **ILx:** press and hold the ON/OFF button as the camera boots up.
4. The camera should perform the update and reboot.
5. Follow #s 11-15 on the previous page.



Restoring the SD Card

The SD card you have used for the camera update now contains the files and folders as shown. Refer to the TSx_ILx Release_Notes file for information about the update.

The format of the SD Card has been changed and now there is very little (35MB) accessible space left.

To Restore the SD Card:

1. Attach the SD Card to a Windows PC.
2. Run card_restorer.exe from the SD Card.
3. You will see a message box asking if you wish to re-partition and erase the SD card. Click on “Yes.”
4. The next message box will tell you that the process will take a few moments. Click on “OK.”
5. Next, you will see a command window open and see some text scrolling by.
6. Finally, you will see a message box saying “Reformatting is now complete!”