DigiTracker Software Installation and Configuration Instructions:

1) Unzip the DigiTracker folder onto the PC's hard drive.

2) Ensure that the unzipped folder and all of its contents are NOT read-only.
    a) Right click on the folder. If the Read-only checkbox is checked, click to un-check. When prompted, select:
        Apply change to this folder, subfolders and files.
    b) (IF the checkbox was NOT originally checked…)
        Check the checkbox, apply to all, then uncheck and apply to all. (We want to ensure that none of the files or subfolders are read-only...)

3) Set up the Matrox Redistribution package:
    a) Open a command window by selecting:
        Start->Programs->Accessories->Command Prompt
    b) Change directory to the ...\Redist\Matrox folder by typing (for example):
        cd c:\DigiTracker\Redist\Matrox
    c) Run the Matrox setup program by typing:
        setup.exe redistribution_activemil

4) Put the necessary patch files in place on your hard drive:
        Automatic Method:
    a) Open the "Patch Files" folder in the "DigiTracker" folder.
    b) Double-click the Patch.bat file to automatically copy the patch files to the proper folders.   Or…
        Manual Method:
    a) Open the "Patch Files" folder in the "DigiTracker" folder.
    b) Open "File Destination List" to see the list of which files to copy to where on your hard drive. (Probably easiest to print a copy as a check list.)
    c) Copy the listed files from the Patch Files folder to the appropriate folders on your C: drive. In most cases you will be replacing an older file.
        (Note: If the …\Inf\ folder is not visible in Windows Explorer, select Tools->Folder Options…, select the View tab, and select "Show hidden files and folders," then OK.)

5) Create a system variable to tell your PC where to find the license key:
    a) Click Start, point to Settings, and then click Control Panel.
    b) Double-click System.
    c) On the Advanced tab, click Environment Variables.
    d) Under System variables, click New.
    e) In the Variable Name box type LSDEFAULTDIR, and in the Variable Value box type:
        C:\windows\system32\   for Windows XP,   *OR*
        C:\WINNT\system32\   for Windows 2000,
        then click OK.
    f) Click OK.

6) Register your runtime license:
   a) If you have not already done so, order a software license key from Matrox (p/n MIL 7 RT OOOOOSO) to allow DigiTracker to use the Matrox image handling libraries provided in the DigiTracker distribution package. To receive the software license key you will need to provide a Lock Code to your Matrox sales rep. You can find your region's Matrox sales rep via
   http://www.matrox.com/imaging/buy/home.cfm
   b) Open the ...\Redist\Matrox\LicenseManager folder in your DigiTracker folder.
   c) Double-click the "LicenseManager.exe" icon.
   d) Select a piece of hardware in the System Fingerprint pulldown that will serve to identify your computer. This will probably be your Ethernet controller unless you have purchased a dongle, for example a Matrox USB or some other external Matrox ID key.
   e) Check the "1394 IIDC driver for non-Matrox hardware" checkbox. (State should currently list "DISABLED".)
   f) Click the "Generate" button. Copy and send the generated Lock Code to your Matrox sales rep.
   g) The sales rep will send you the Matrox-generated Software License Key that corresponds to your Lock Code.
   h) Start License Manager as in steps b-c) above. Ensure that the 1394 IIDC driver checkbox is checked and your selected System Fingerprint hardware is selected. Type or paste in the Software License Key and click "Register". State should change to list the selected hardware fingerprint. Click OK to exit.

7) Ensure that the camera is set to use the Matrox driver:
   a) Right-click the "My Computer" icon on your desktop. Select "Properties".
   b) Select the "Hardware" tab. Click the "Device Manager…" button.
   c) In the Device Manager window click the plus sign beside Imaging Devices. You should see your camera listed here.
   d) Double-click the camera icon. Select the "Driver" tab. The driver information should list:
      Driver Provider: Matrox Electronic Systems Ltd.
      Driver Date: Not available
      Driver Version: 7.50.0.0
      Driver Signer: Not digitally signed
   e) If not, click the "Update" button, then Next. Choose "Display a list of the known drivers…", then Next. In the list choose the "1394 Digital Camera", Next, Next, Yes, and Finish. (There should not be a yellow exclamation mark icon beside the camera. If there is, try rebooting the PC.) Close the camera properties window, the Device Manager Window, and the System Properties window.

8) Try DigiTracker by double-clicking the DigiTracker icon in the DigiTracker folder.

   - Chris Cronin 1-28-2009