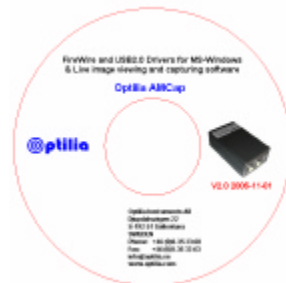




Quick Installation Guide for USB2.0 & FireWire Video Grabber & Optilia AMCap



You have to log on to your computer as “Administrator” or with “administrative privileges” before you install the software

Please make sure that you have

- Windows 2000/SP4 or Windows XP/SP2
- Graphics card with 24 or 32 bit
- DirectX 9.0c or higher installed
- USB2.0 interface
- If your Frame Grabber has Fire Wire interface you would need one IEEE 1394 interface, which complies with OHCI (as the PCI/1394o1 or the CBI/1394-1)

Device driver installation for Windows 2000 and XP:

You might install drivers of your USB2.0 and FireWire frame grabber in either following ways:

- a. CONNECT the device to a free USB2.0 or an IEEE 1394 (FireWire) port on your computer. Windows will detect the device and ask you for drives.
- b. Follow the on-screen instructions and install the drivers.

32 bit drives of USB2.0 frame grabber are found under:

..\driver\ 32bit_usb2-lt_1.0.0.24_Optilia\data\drivers on your installation CD.

32 bit drives of FireWire frame grabber are found under

..\driver\ 32bit_vid21394_4.0.0.54_Optilia\data\drivers on your installation CD.

- c. Click OK and continue with the installation if you get warning messages for “Digital Signature” during the installation.

Or:

On your installation CD, run “drvInstaller” under

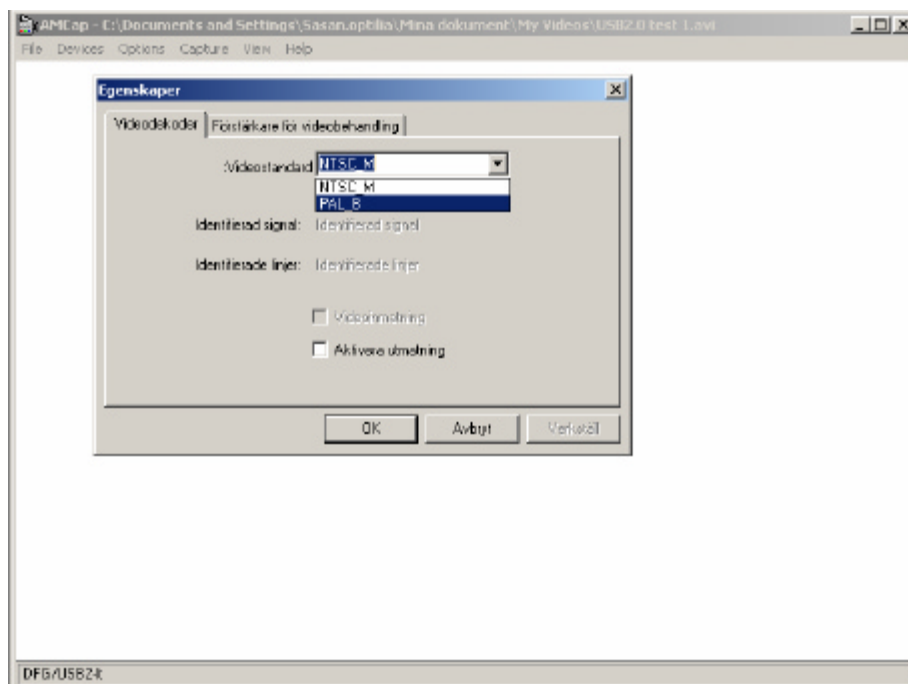
..\driver\32bit_usb2-lt_1.0.0.24_Optilia or ..\driver\32bit_vid21394_4.0.0.54_Optilia

depending on your frame grabber model. Follow the on-screen instructions and install the drivers. Click OK and continue with the installation if you get warning messages for “Digital Signature” during the installation.

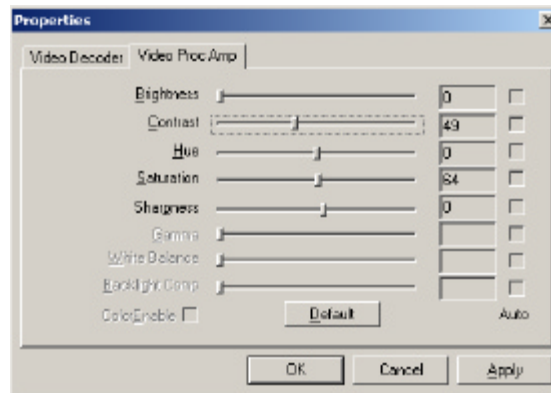
- d. Go to **Optilia AMCap** folder on installation CD and run **Setup** to install the image viewing software “**Optilia AMCap**” onto your computer. **Optilia AMCap** is a MS-Windows application software for viewing the live image and recording digital pictures or video sequencers into your computer.
- e. Connect Flexia to the Frame Grabber and start **Optilia AMCap**.
- f. Refer to following instructions for how to setup Optilia AMCap for your frame grabber and Flexia video microscope.

Running Image Viewing Program “Optilia AMCap”

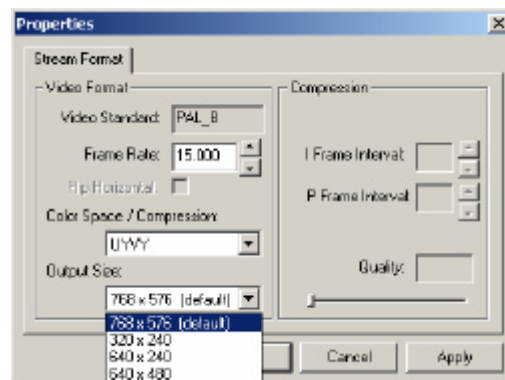
1. Connect Flexia to USB2.0 Video Grabber. Turn Flexia on and start **Optilia AMCap**.
2. On AMCap, click **Options -> Video Capture Filter** and select **PAL** as Video Source. If your Flexia has a NTSC camera (USA and Canada), please select **NTSC** instead of PAL.



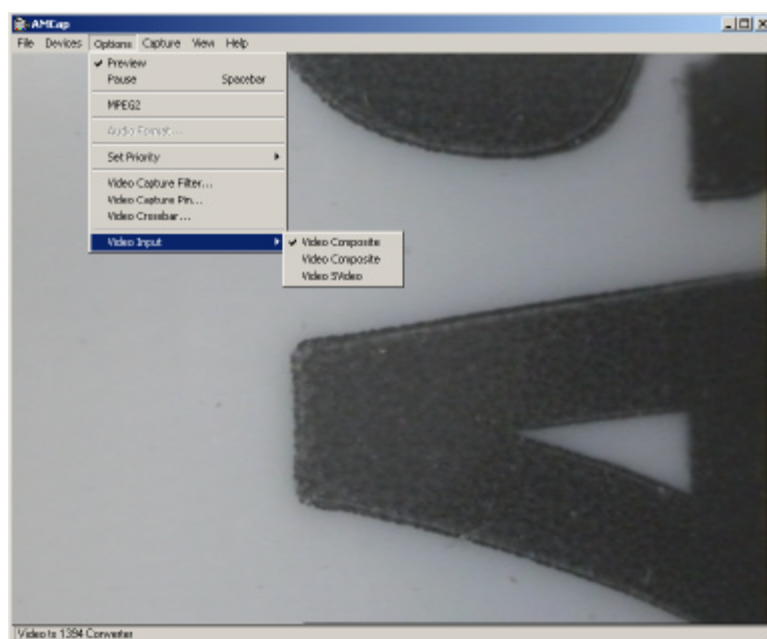
- On **Video Capture Filter** select **Video Proc Amp** tab and push “Default” to set brightness and contrast and colour adjustments to default values. You can also choose Brightness, Contrast and Saturation (colour) of the live image as you prefer to by setting these Video Processor controls. Press **OK** when you are ready.



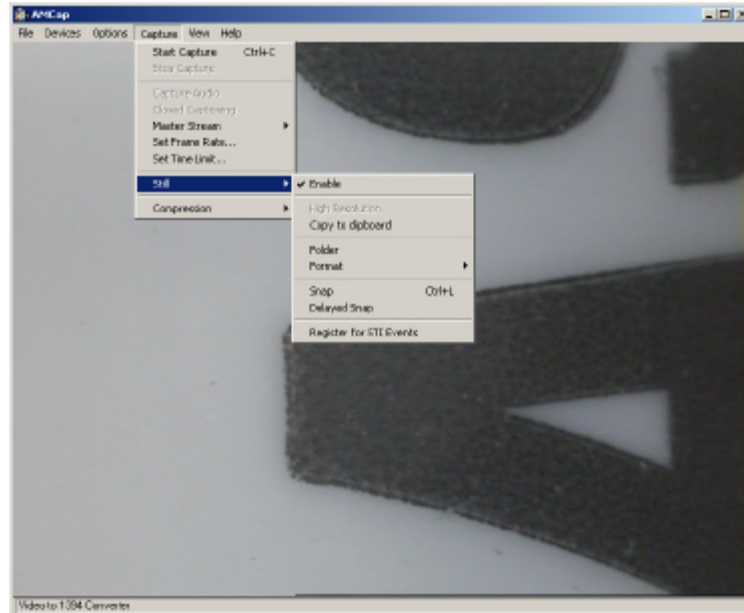
- On AMCap, click **Options -> Video Capture Pin** and choose input format of 768x576 pixels. This is maximum resolution of the live image. XY-ratio of the picture is also correct at this format.



- Click **Options** and check **Preview**. You should be able to see the live Image of the Flexia on your PC-monitor now. Make also sure that **Video Composite** is selected.



6. Enable **Still** picture capture, choose the **Folder** under which you wish to save still pictures and capture your still picture by pushing **Snap** or **Enter** or **Ctrl+L** on your computer keyboard.



7. Optilia AMCap offers following additional functions:
 - Capture and save digital video films
 - Flip, mirror or rotate the live picture
 - Full screen display of live picture
 - Digital zoom
 - Remember position and controls of image window