

CX100

Windows 2000 Installation Guide

1. Make sure your computer has a free Input/Output (I/O) address and set the switches on your CX100 Frame Grabber card:

Note: If you plan to use your own software for the CX100 instead of the Imagination library, you may also need to make sure your computer has a free Interrupt Request (IRQ).

- a. Start your computer and run Windows 2000.
 - b. From the Start menu, choose Control Panel and then double-click on System.
 - c. Click the Hardware tab, then click the Device Manager button.
 - d. From the View menu, select Resources by Type.
 - e. Check the Input/output (IO) list (and, if necessary, the Interrupt requests (IRQ) list) to find a free address.
 - f. Set the switches on your CX100 as described in Appendices E and F of your CX100 Hardware Manual.
2. Configure your computer to reserve the I/O address (and IRQ address, if necessary) for the CX100:

Note: These are generic instructions for changing the BIOS settings. Your computer's BIOS may have a different type of setup utility than the one described here.

- a. Restart up your computer.
 - b. From the boot screen, enter the BIOS setup utility (some computers require you to hit the DEL key as it boots up, others will ask you to hit F1, ESC, or F2, etc.).
 - c. Go to the PNP/PCI/ISA Configuration section of the setup utility.
 - d. Select the free I/O address you identified earlier and set it to Legacy, ISA, or Legacy ISA (whichever choice is available on your computer).
 - e. If necessary, do the same thing with the free IRQ address you identified above.
 - f. Return to the main screen of the setup utility, save these settings, and exit.
 - g. Restart your computer.
3. Install the CX100 Frame Grabber card, following the instructions in your CX Family Software Manual on page 3.
 4. Once you have installed the hardware, turn on your computer. Windows may run the "Found New Hardware Wizard". If so, continue with the following instructions for adding new hardware. If not, jump to step 9.

(Windows 2000 Professional does not actually find the Imagenation drivers with its normal plug and play process. The following instructions are a work-around that allows Windows to recognize the Imagenation drivers and not require you to continually “re-find” the new hardware every time you reboot.)

5. In the “Welcome” screen of the “Found New Hardware Wizard”, click **Next**.
6. In the “Install Hardware Device Drivers” screen, select **Search for a suitable driver for my device**, then click **Next**.
7. In the “Locate Driver Files” screen, click **Next**. (It doesn’t matter what locations are selected.)
8. In the “Driver Files Search Results” screen, select **Disable the device**, then click **Finish**. (This does not actually disable the device, but does allow Windows 2000 to work with the Imagenation software.)
9. Insert the Windows NT disk into the floppy drive and install the CX100 software:
 - a. Click the **Start** menu and choose **Run**.
 - b. Type **a:\setup** and click **OK**.
 - c. Follow the on-screen instructions for installing the software.
 - d. Restart your computer.
10. Click the **Start** menu and select **Settings**, then **Control Panel**.
11. Double-click **Add/Remove Hardware** and click **Next**.
12. In the “Choose a Hardware Task” screen, select **Add/Troubleshoot a device**, then click **Next**.
13. In the “Choose a Hardware Device” screen, select **Add a new device** from the list and click **Next**.
14. In the “Find New Hardware” screen, select **Yes, search for new hardware** and click **Next**.
15. In the “Detected Hardware” screen, Windows reports that it did not find any new devices on your computer. This is correct, just click **Cancel**. (Windows 2000 actually does find the the device.)
16. Restart your computer.