



Installation Instructions for Software

Camera Systems: Penguin/Pro Camera Series

Software Applications: Penguin/Pro Application Suite

Operating System: Windows XP (Home and Professional Edition)

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Important!

If you are re-installing a driver or software application, you must first remove your current driver and software application files completely. This action is important because, it will make sure that there will be no conflicts with old files and that driver and application connect properly.

When you are ready to install the software, it's also important that you install the driver first; to make sure that the application can find the driver during installation.

If you know that there is no Pixera camera software installed on this computer, you can proceed to Software Installation.

Content:

1.0 Removal of current Pixera Driver and Software Application

2.0 Software Installation

 2.1 Driver Installation

 2.2 Application Installation

1.0 Remove Driver and Software Application

The Windows XP operating system allows for customization of the user interface. This could affect the described path to particular folders and settings described below.

Step 1. (Show hidden files & folders)

Press the Start button at the lower left corner on your desktop. Select Control Panels, and open the Folder Options. Inside Folder Options, select the View tab. Find the folder Hidden files & folders under Advanced Settings. Select Show hidden files & folders, and press Apply and OK.

Step 2. (Device Manager)

Press the Start button at the lower left corner on your desktop. Select Control Panels and open up the System folder. Inside System, select the Hardware tab. Select Device Manager and you will see a list with folders. Find and open the folder, Imaging Devices. Highlight the file Pixera Corp. Penguin Camera and open Action in the top menu bar. Select Uninstall, or just press Delete on your keyboard.

Step 3. (Add/Remove Programs)

Press the Start button at the lower left corner on your desktop. Select Control Panels and double click Add/Remove Programs. In the list under "Currently installed programs", find Digital Microscopy Camera. Highlight the files, select Remove and press OK.
If prompted to answer whether to remove all shared files, answer YES to all.

Step 4. (Search)

Click the Start button at the lower left corner on your desktop. Select Search and Files or Folders. Make sure you are searching in the correct drive. If you only have one (1) hard drive it is labeled C drive.

1. Fill in penguin in the text box. Press Find Now to start the search.

Possible search results: "penguin", "penguin.sys"

Highlight the files and select Delete in the File menu.

2. Fill in digital microscopy camera in the text box. Press Find Now to start the search.

Possible search results: "Digital Microscopy Camera", "Microscope Digital Camera-NT Driver"

Highlight the file matching and select Delete in the File menu.

3. Fill in pixera in the text box. Press Find Now to start the search.

Possible search results: "Pixera" (There could be several "Pixera" files)

Highlight the file matching and select Delete in the File menu.

4. Fill in pixcam in the text box. Press Find Now to start the search.

Possible search results: "PIXCAM", "pixcam.sys"

Highlight the file matching and select Delete in the File menu.

2.0 Software Installation

Please read our recommendations before you begin installing the new driver and your current software application.

Recommendations

1. It is recommended to remove all 3rd party PCI cards, such as Network Cards, Sound Cards, etc. to avoid conflicts except the Pixera Interface card while installing the new driver. After installation, just shut down the PC, insert the removed cards and restart the computer.
2. It is recommended to install the Pixera PCI card in slot 1 or the slot nearest to the CPU* on the motherboard to avoid communication problems with the card.
4. Make sure there is at least 100MB of free hard disk space for the complete software installation.
5. Make sure your camera system is connected before the installation begins. Never connect or disconnect your Pixera camera system if your computer is turned on.

*A small fan mounted on top often recognizes the CPU.

Installation Steps

2.1 Driver Installation

2.2 Application Installation

2.2.1 Penguin/Pro Application Suite v3.0

2.2.2 Penguin/Pro Application Suite v3.0.1

2.1 Driver Installation

Preparation.

If you downloaded the driver from Pixera's web site, place the driver file on your desktop where it's easy to find later. If you are installing from a CD-ROM, please wait and see the Windows XP operating System's message, because some systems require that you only install the CD-ROM when requested.

Before you begin installing the software, shut down your computer and install the PCI card including the camera. (Remember to remove all other PCI cards during installation except any VGA card)

Step 1.

Turn the computer on. The computer should detect the hardware and display a first window requesting whether you want to start the installation process. Click Next.

Step 2.

In the second window ensure that the radio button is indicating "Search for a suitable driver for my device (recommended)" is checked. Click Next.

Step 3.

In the third window ensure that "Specify a location" is the only item checked. Click Next.

Step 4.

In the fourth window, press the Browse button. This will open a new window that will allow you to select the new driver. Find the folder with the new driver on your desktop or CD-ROM. Highlight the folder and click Open, OK and Next.

Step 5.

The new window will ask whether you want to continue the installation. Click Yes.

If a window shows the message "Hardware Installation. The software you are installing for this hardware: Pixera Corp. Penguin camera has not passed Windows logo testing to verify it's compatibility with Windows XP" Click Continue. (This compliance has nothing to do with driver functionality)

Step 6.

Click Finish in the last window to complete the driver installation

2.2 Application Installation

There are several ways to install software on your computer. We have chosen to guide you through one way that should be easy.

2.2.1 Penguin/Pro Application Suite v3.0

Step 1.

Install the CD-ROM with the Penguin/Pro software installation files.

Step 2.

Press the Start button at the lower left corner on your desktop. Open Run and select Browse. In the Browse window, open "My Computer". Find the CD-Rom drive where your software installation files are stored.

Start the installation process by double clicking the SETUP folder



Step 3.

The installation process should begin automatically. Follow the installation procedure. If the setup program reports that it has found a file and asks if you want to overwrite it, click Yes.

2.2.2 Penguin/Pro Application Suite v3.0.1

Step 1.

Install the CD-ROM with the Penguin/Pro software installation files

Step 2.

Press the Start button at the lower left corner on your desktop and select "My Computer".

Step 3.

Double click "Install CD" and open the folder that corresponds to your camera system,
Penguin 600CL-Pro 600ES or
Penguin 150CL – Pro 150ES

Step 4.

Find and double click the "SETUP" folder



to begin the installation process.

Step 5.

The installation process should begin automatically. Follow the installation procedure. If the setup program reports that it has found a file and asks if you want to overwrite it, click Yes

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