Sirona Sidexis Software Installation

USB Driver Installation and Testing

Before connecting the docking station to the computer, it is important that you first make sure the computer does not automatically search Windows Update for the driver. This setting can be found under the “Hardware” tab in “System Properties”. You can get to the system properties window through either through “Control Panel” and the “System” icon, or you can right click “My Computer” and click “Properties”:

Then click the “Hardware” tab, and then the “Windows Update” button.
Make sure you select “Ask me to search Windows Update every time I connect a new device” or “Never search Windows Update for drivers”:

Be careful not to select “If my device needs a driver, go to Windows Update without asking me”. If you install the driver from Windows Update instead of the driver from the Sopro Imaging CD, the camera and docking station will not function properly with the computer. After completing the preceding steps, you may click “OK”, then “OK” again to get you out of system properties. You are now ready to install the driver.

First, connect the docking station to a USB 2.0 port on the computer using the USB 2.0 certified cable provided with the docking station. If you must extend the length of the cable, contact Acteon Imaging Support for specifics on what equipment must be used. Once you connect the docking station to the computer, you should get the “Found New Hardware Wizard”:

Select “No, not this time”, then click “Next >”.
At this point, you will get to the step stating “If your hardware came with an installation CD or floppy disk, insert it now.” Do not click anything. Instead, simply insert the Sopro Imaging CD and wait. The wizard will automatically advance to the next step. As the wizard advances, it will search for a driver for “USB 2820 Video”. The “Sopro-Imaging setup” window might appear. If so, click “Quit”.

Next, you should see the following screen:

If so, click “Finish”. You have now successfully installed the driver.
Now to configure the driver and test the camera, we’ll use AMCAP, as this is a universal program that can be used to configure the driver without installing any software. To open AMCAP, you’ll need to browse the Sopro Imaging CD. First, open “My Computer”. Then, right click the “Sopro Imaging” CD and click “Open”:

Double click on the Tools folder and then double click on the SoproSnap folder. Double click on amcap sopro USB2 icon.
After AMCAP opens, click “Devices” and make sure “USB 2820 Video” is selected:

If the check is not next to “USB 2820 Video”, click it. On older docking stations you will have to set the Video Crossbar. Click “Options” and “Video Crossbar...”:

Change the input from “2: Video Composite In” to “3: Video SVideo In”
Click “OK”, then click “Options” and “Video Capture Pin…”:

Change the “Color Space / Compression” from “YUY2” to “I420”:

Also, make sure the “Output Size” is “640 x 480”. If you do not have the option of “640 x 480”, check to make sure your USB ports are USB 2.0 compliant. Click “OK”. Next click on “Options” again then select “Preview.” This should give you a live image. You may now close AMCAP. You have now successfully installed and configured the drivers for the Sopro Intra-oral camera docking station.
SoproSnap Installation

Now it is time to install “SoproSnap” to allow the Sopro camera to capture and save pictures.

Open “My Computer” and right click on the “Sopro Imaging” CD. Choose “Explore from the menu.”

Open the “Tools” folder.
Now open the “SoproSnap” folder.

You will see the “SoproSnap” icon, double click on it.
You will see the Snap icon on your desktop and in the system tray.

You are now ready to configure Snap within your imaging software to take and save pictures.

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Install and configure the Sidexis software per the manufacturer’s guidelines.

During the install and configuration, support for intra-oral cameras must be enabled. In order to enable the cameras, choose Utilities, Configure System, Service. After entering the password provided by Sidexis Support, the camera support/configuration page will be shown.
After entering the password, the configuration screen below will be shown. Make the following choices as indicated below.

This will enable the operation of intraoral cameras in Sidexis.

The next step is to configure the operation of SOPRO cameras in Sidexis. To launch the Video Capture configuration utility, first launch the Sidexis Manager utility from the Windows Start Menu. From within this application, choose NGVidCap to setup the correct video sources.
Sidexis requires the use of SOPROSNap to capture images. Hold the Ctrl key on the keyboard down and click on the Snap icon. The SoproSnap Settings window appears.

Left-click and hold to drag the white dot from the External Application screen to the top line of the Sidexis window and release the left mouse button. This sets the context for the rest of the capture instructions.

After selecting this main SIDEXIS Windows, just choose for Action #1 WM_COMMAND with WParam = 7040 and LParam = 0.
If you leave Action #2 and #3 to none, you will have an acquisition when you click on the SoproTouch.

If you want to reactivate the Live Video after the acquisition, simply apply on Action #2 with a WM_COMMAND of WParam = 7005 and LParam = 0.