

SmartCam IntraOral Camera

A Guide for Installing and Using the SmartCam

SmartCam Installation

Requirements

1. You will need the SmartCam Driver to install the device on your computer. This driver can be downloaded from <http://bridge-network.com/support/drivers/smartcam/SmartCamDriver.exe>. This driver is also found on your Tracker Installation CD. Insert the CD and choose "Explore" from the main menu and you will then be shown a list of folders. From here, double-click on the Support folder and choose Drivers. In that folder you will find a folder called 'TBN SmartCam Driver.'
2. A USB 2.0 port to install the camera.
3. You will need the SmartCam, as well as the USB cable that came with it.



Note

Your SmartCam comes with 50 plastic sheaths. To obtain more sheaths for your SmartCam please contact The Bridge Network @ 1-800-922-7434.

Step-by-Step

1. **Do not** plug the camera into the computer's USB port before starting the installation. If you have already plugged it in, remove it before proceeding.
2. Run the SmartCam Driver setup referred to in item #1 of the Requirements above.
3. During installation, read and follow the prompts until completion. At one point during the installation, you may be notified that 'Windows can't verify the publisher of this driver software'. In this case, click on 'Install this driver software anyway.'
4. Once installation is complete, connect the USB cable to the camera and plug the USB cable to USB 2.0 port on your computer. You should see a notification that the driver was successfully installed.
5. Repeat these steps on any other computers that you will use with the SmartCam.




Note

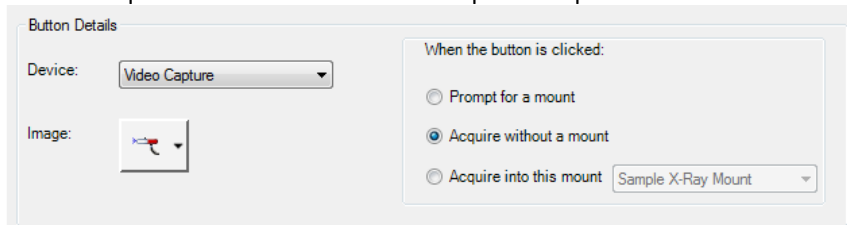
Once the driver has been installed, it is possible to disconnect the camera from the computer and reconnect it without having to reinstall drivers. This allows you to easily move a camera between multiple computers. If you choose to do this, please always use the same USB port on a given computer. Labelling the port can be helpful.

Using the SmartCam with ChairSide Imaging (CSI)

First Time Setup


1. Ensure the camera is plugged into the USB port on your computer.

2. Launch CSI. Create a SmartCam acquire shortcut by clicking on the  button on the main toolbar. Then click 'New Acquire Shortcut button.' Set the options as pictured below and then click OK.



Button Details

Device: Video Capture


Image: 

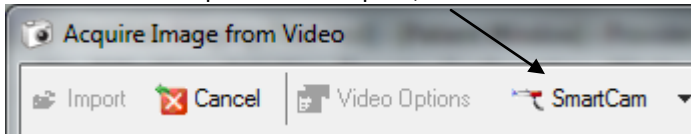
When the button is clicked:

Prompt for a mount

Acquire without a mount

Acquire into this mount Sample X-Ray Mount


3. You will now have a new icon on your main toolbar: . Click it to start your Image capture session.
4. Once the Video Capture screen opens, set the device to "SmartCam."



5. Press the on/off button (see Tips and Diagrams section to identify the on/off button) to turn on the camera and ensure a video feed is present.
6. Repeat steps on each computer where you will be using the SmartCam.

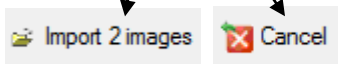
Everyday Use

Below are the Step By Step instructions for typical use, provided that initial installation setup has been done.

1. In CSI, click on .
2. Turn the camera on by pressing the power button (see Tips and Diagrams section to identify the power button).
3. You will see the live image in the preview window. Line up your shot and press the capture button (see Tips and Diagrams section to identify the capture button) or click "Freeze."



4. Press the capture button a second time or click "Keep" to keep the image being previewed or click "Reject" to discard the image.
5. Click on the "Import..." button in the upper left to save your images and return to ChairSide Imaging. You may also click on the "Cancel" button to discard the images and return to ChairSide Imaging.



Tips and Diagrams



Your SmartCam ships with about 50 sheaths. When you put the sheath on the camera, please note that there is a label on the sheath that reads 'To the back of the camera.' Ensure that this is followed otherwise images will appear foggy.

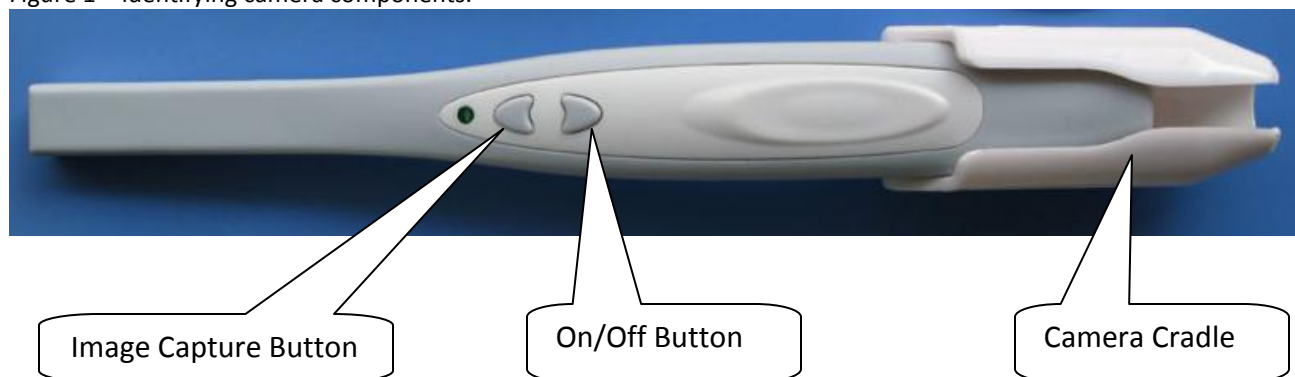
Note



Your SmartCam will take some use before it achieves optimal image quality. Thirty minutes of use should be all that is required. It is a good idea to use it for 30 minutes before making any changes to the settings in "Preferences" as described in 'First Time Setup.'

Note

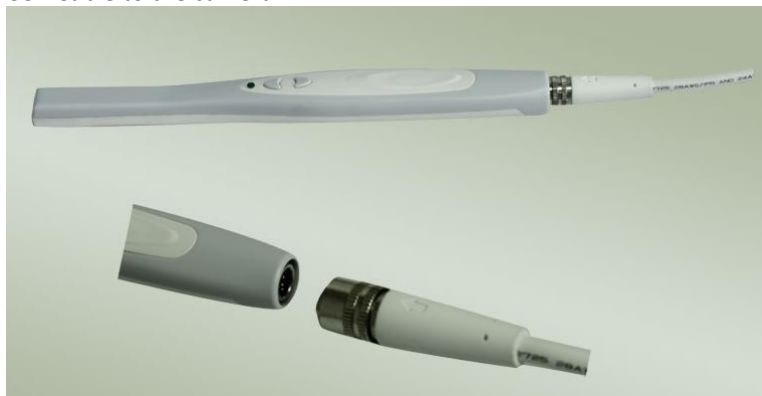
Figure 1 – Identifying camera components.



The camera cradle has a magnet which will turn the camera off when you place the camera in the cradle as shown in Figure 1. When you take the camera out of the cradle, the camera will turn on. For ease of access, the cradle can be attached to a cabinet or wall in your operatory for easy access.

Note

Figure 2 – Attaching the USB Cable to the camera



The camera has five male pins and the cable has corresponding female connectors. In addition, there is a slot to help line up the connectors. Line up the slot and gently push on the cable until you hear a click.

Note

