

USB 2.0 Intraoral Camera

IRIS

Camera Installation and Setup Manual

Congratulations on your purchase of the IRIS camera. This manual will guide you step by step through the installation and setup of your new camera.

Manual
Ma0023 Rev. A
Digital Doc LLC



Digital DOC

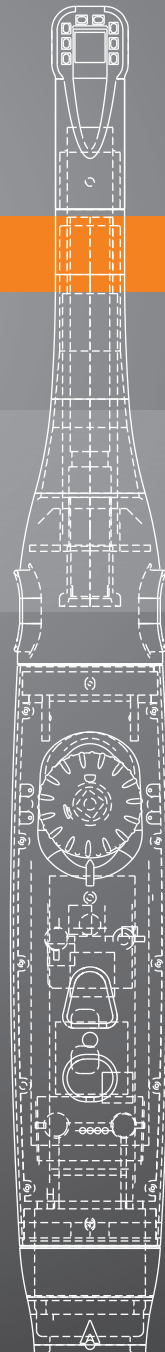


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Safety Instructions



This symbol alerts the user that important literature concerning the operations and maintenance of this unit have been included. Therefore, it should be read carefully in order to avoid any problems.



CAUTION

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER MAINTENANCE TO QUALIFIED SERVICE PERSONNEL

WARNING

TO PREVENT FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS DEVICE TO EXCESSIVE MOISTURE

CAUTION

CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER COULD VOID THE WARRANTY

Cautions



- Federal law restricts this device to sale by or on the order of a Licensed Dental practitioner.

Cautions on Safety

- Be careful not to damage the USB cable. Be sure to hold the plug when disconnecting the cable.
- Do not place a container with water or liquid, or any small metallic objects on this unit. If water, liquid, or any metallic object enters this unit, disconnect the USB cable immediately and contact Digital Doc.
- If smoke, abnormal sound or smell occurs, disconnect the USB cable and contact Digital Doc.
- When the unit is not in use for a long time, disconnect the USB cable.
- Do not apply impacts to this unit

Cautions on Installation

- It is recommended that this device is plugged into a computer that complies with IEC60601.
- Do not install this unit in a poorly ventilated place, a dusty place, an unstable place, or where soot or steam occurs.
- Do not use this unit in high temperatures (higher than 50 degrees C) or at temperatures (lower than 0 degrees C)
- Do not use in surgical theaters in hospitals where safety requirements are different from a standard dental clinic.
- It is recommended the unit be turned OFF after 10 Minutes of use to prevent increase of temperature at L.E.D. head.

Cautions on Cleaning

- Disconnect the USB cable before cleaning.
- Do not wipe the surface using benzene, Dicide, thinner, or gluderaldehyde. As this may degrade the lens, or damage the handpiece material.
- Lightly wipe off dirt on the cover and or lens with a soft cloth (i.e. flannel, 2x2, etc.)

Important Safeguards



Installation

- Read and follow Instructions- All of the safety and operating instructions should be read before the intraoral camera is operated. Follow operating and usage instructions.
- Retain instructions - The safety and operating instructions should be retained for future reference
- Heed warnings - Comply with all warnings on the camera and in the operating instructions
- This camera should be operated only from the type of power source indicated. USB 2.0
- Attachments - Do not use attachments unless recommended by the camera manufacturer.
- Do not use this camera near water.

CAUTION

MAINTAIN ELECTRICAL SAFETY. POWER LINE OPERATED EQUIPMENT OR ACCESSORIES CONNECTED TO THIS UNIT SHOULD NOT HAVE BEEN MODIFIED SO AS TO DEFEAT THE SAFETY FEATURES. THIS WILL HELP TO AVOID ANY POTENTIAL HAZARD FROM ELECTRICAL SHOCK OR FIRE. IF IN DOUBT, CONTACT QUALIFIED SERVICE PERSONNEL.

Digital Doc Manual

Installation Tabs



Digital DOC

Start Here

Installing the
Camera Drivers



**START HERE TO INSTALL
YOUR CAMERA**

Eaglesoft 1

Eaglesoft Setup
Instructions *Install Procedure
type 1*

Dentrix 2

Dentrix Setup
Instructions *Install Procedure
type 2*

Kodak 3

Kodak Setup
Instructions *Install Procedure
type 3*

Dexis 4

Dexis Setup
Instructions *Install Procedure
type 4*

Schick 5

Schick Setup
Instructions *Install Procedure
type 5*

Video View

Video View
Instructions

Camera Info

Camera Care
Sheaths
Accessory Information
Warranty
Tech Support
Repair Information

**Trouble
Shooting**

Troubleshooting
With the IRIS

Warranty

Warranty / Tech Support
Repair Information

*All logos trade marks and trade
names are sole properties
of the featured provider.*



System requirements and Software Compatibility

Computer system requirements

Refer to the minimum requirements of your imaging software

2 Ghz Pentium 4 processor

1 GB of RAM minimum 2 GB or above recommended

USB 2.0 interface with high power port

CD-ROM or DVD drive

Imaging Software

Internet connectivity recommended

Windows XP Professional with Service Pack 2

*Please note that at the time of this publication, **64Bit** VISTA / Windows XP operating systems will NOT function with the IRIS camera. In order to use VISTA you must have the 32 bit platform and VISTA compatible imaging software.*

IRIS Compatible Imaging Software and Installation Procedure

Adstra (1)

Apteryx (1)

Capture Link (1)

Dentrix Image 4.5 (2)

Dexis (4)

Dimaxis Pro (1)

Eaglesoft Imaging (1)

Easy Dental (2)

Kodak Digital Imaging (3)

Mogo (1)

Patient Gallery (1)

Schick CDR (5)

SIDEXIS (1)

VixWin Platinum (1)*

Tiger View (1)*

XDR Digital Radiography (1)

Visix (1)*

CliniView (1)

Dentimax (1)

Image DDS (1)

Lightyear (1)

SUNI Medical Imaging (1)

XL Dent (1)



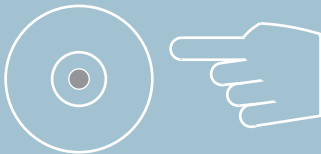
If your software is not listed here please contact Digital Doc Technical Support for driver installation information. 1-800-518-1102

** will require dual function button service installation.*

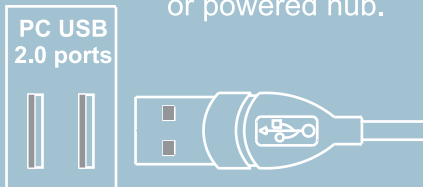


START HERE

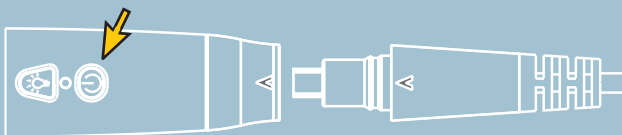
Step 1: Insert the driver disk from the side panel of this manual into your CD drive. Do not open the disk until prompted.



Step 2 : Plug the USB 2.0 cable into the computer's USB 2.0 port or powered hub.



Step 3 : Plug the USB 2.0 cable into the IRIS camera, and press the POWER button to turn the camera on.



Installing the IRIS Camera Driver

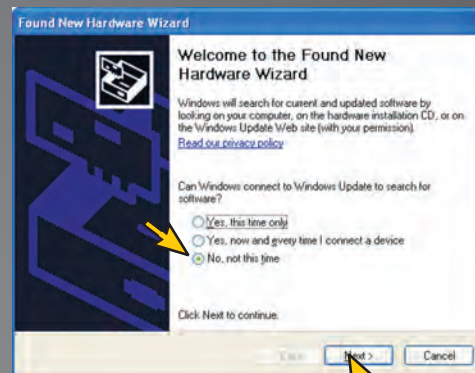
Step 4:

The found New Hardware box will appear in the bottom right of the screen



Step 5:

When the found new hardware wizard appears click **NO**, not at this time, then **NEXT**



To continue the Driver installation, proceed to the software tab for your specific imaging software



Continue

Eaglesoft 1

Dentrix 2

Kodak 3

Dexis 4

Schick 5



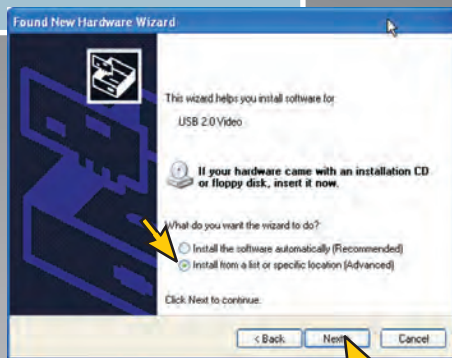
If your Software is not listed
please contact Digital Doc
1-800-518-1102

Continued
from
[Start Here](#) Page

Eaglesoft Driver Installation

Step 6:

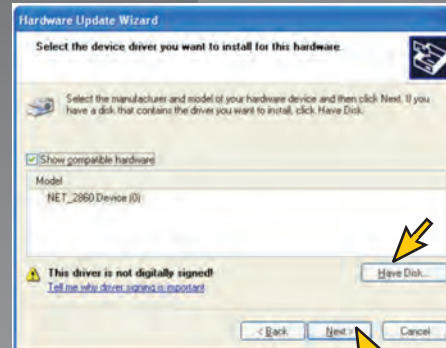
In the Hardware wizard box, click **Install** from a specific location and then select **Next**



Do NOT select Automatic Install

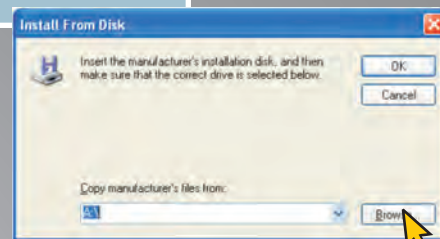
Step 8:

Select **Have Disk**, Then **Next**



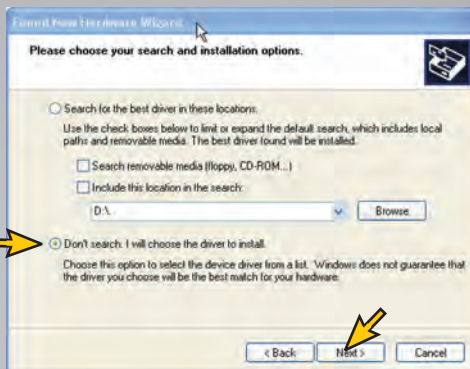
Step 9:

Select **Browse**



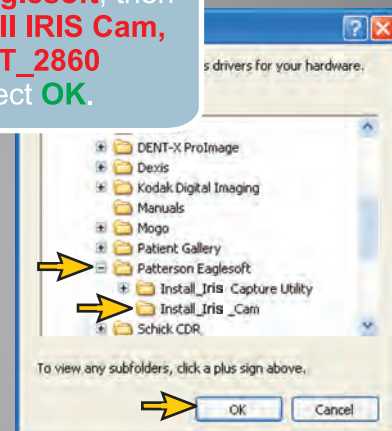
Step 7:

Select **Don't search I will choose the Driver to Install**, then **Next**



Step 10:

Browse to the CD, choose **Patterson Eaglesoft**, then choose **Install IRIS Cam**, then **NET_2860** and select **OK**.

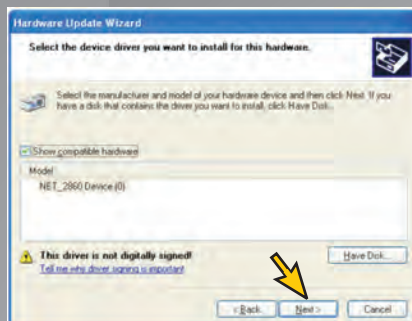


Eaglesoft Driver Installation

Step 11:
Select **OK** to the search path



Step 12:
Select **Next** in the driver box



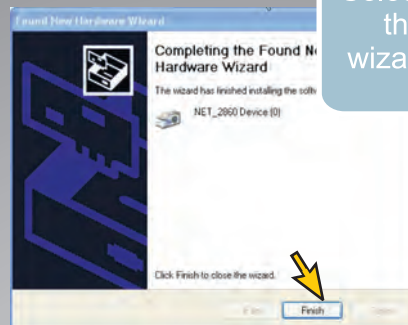
Step 13:
Click **Continue Anyway** anytime the Windows logo testing screen appears



Step 14:
The drivers will load to the computer.



Step 15:
Select **Finish** when the hardware wizard is complete



Step 16:
When complete the Hardware Installed box will appear



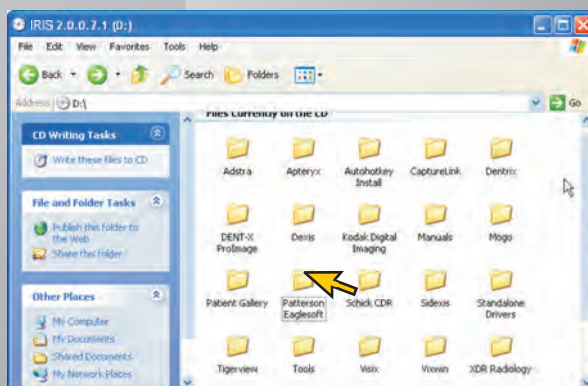
Your camera Drivers are installed. Please continue to configure the capture and setup of Eaglesoft with the IRIS camera



Eaglesoft Capture Utility Installation

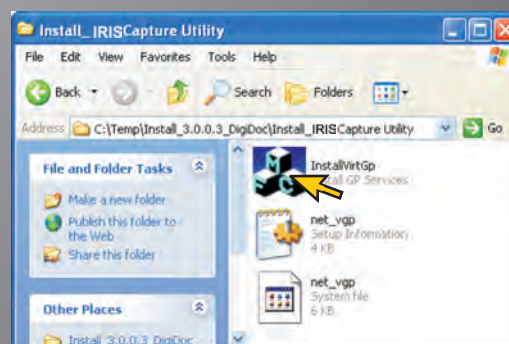
Step 1:

Open the driver disk,
browse to the
Eaglesoft folder
and double click.



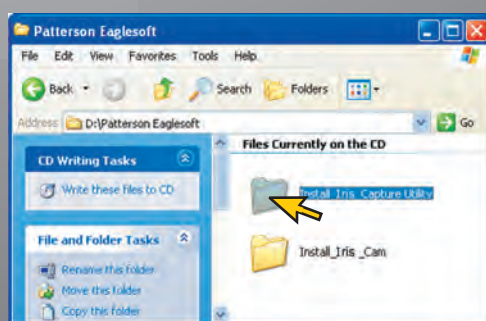
Step 3:

Double click the
Install VirtGp
file



Step 2:

Double click the
Install IRIS Capture Utility
folder

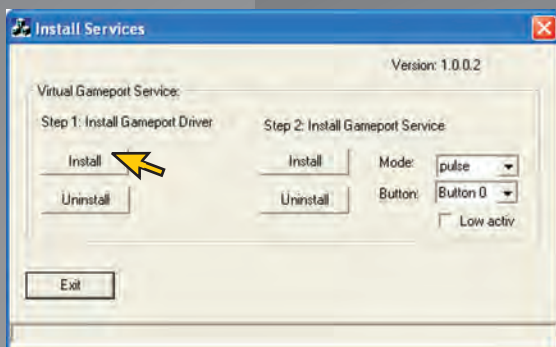


Continue

Eaglesoft Capture Utility Installation

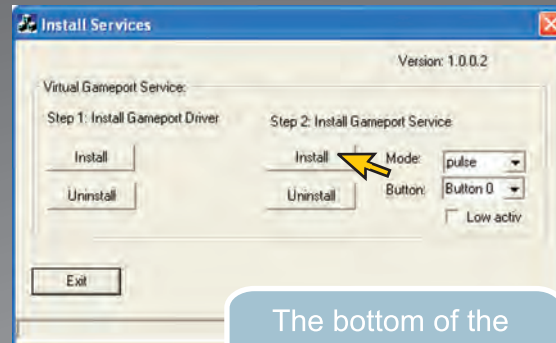
Step 4:

In the install service box select **Install** under step 1



Step 6:

In the install service box select **Install** under step 2



The bottom of the install service box will read installing please wait. then **Success!** when finished

Step 5:

Click **Continue Anyway**



The bottom of the install service box will read installing please wait. then **Success!** when finished

Step 7:

When the install completes select **exit**. The capture drivers are now loaded



At this point you must restart your computer

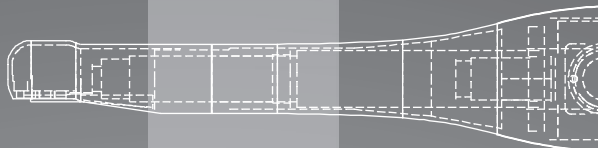
Advanced user can go to services and start the NET service 1.02



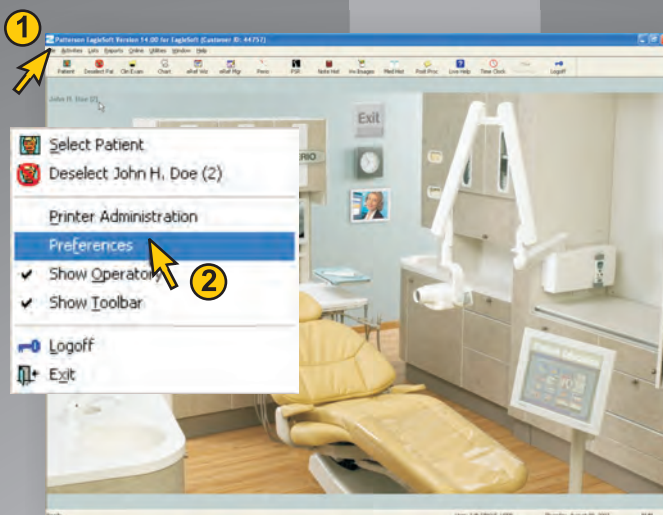
Please continue for Eaglesoft Imaging settings

Continue

IRIS camera setup with Eaglesoft

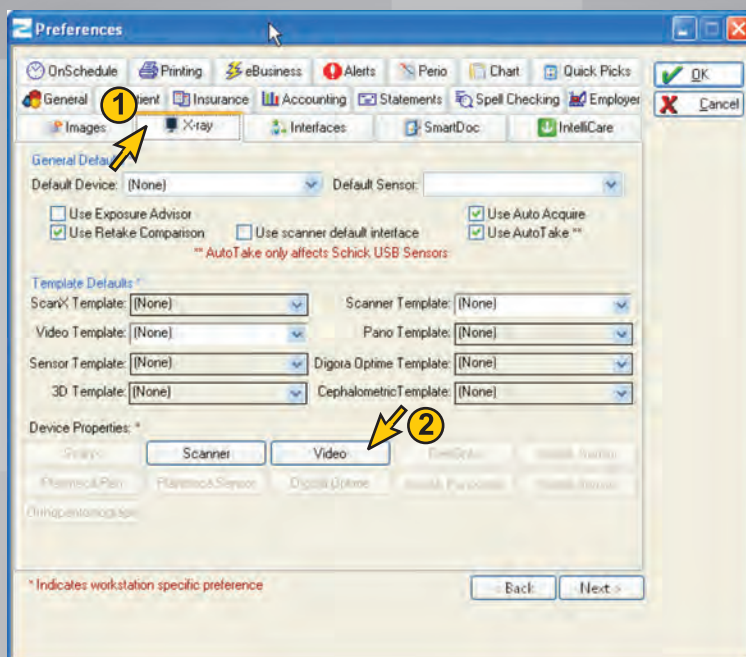


Step 1:
From the Clinical View
screen Select **File**
Then **Preferences**



Eaglesoft 1

Step 2:
In the Preferences
box select the
X-ray tab then
Video



 **Digital DOC**
1.800.518.1102

**Patterson
EagleSoft**
1.800.475.5036

IRIS camera setup with Eaglesoft



 **Digital DOC**
1.800.518.1102

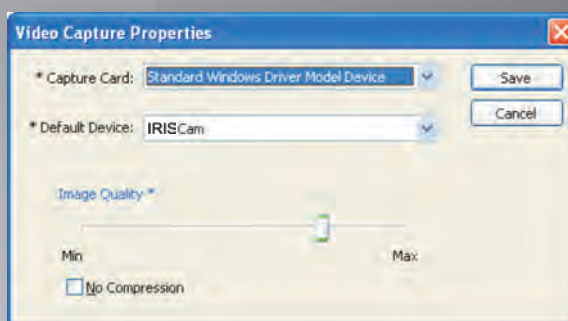
Step 3:

In the dialog box
select **Standard
Windows Driver
Model Device**



Step 4:

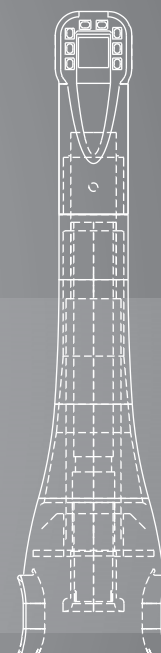
When Selected the
IRIS cam will
appear as the default
device Select **Save**



Step 5:

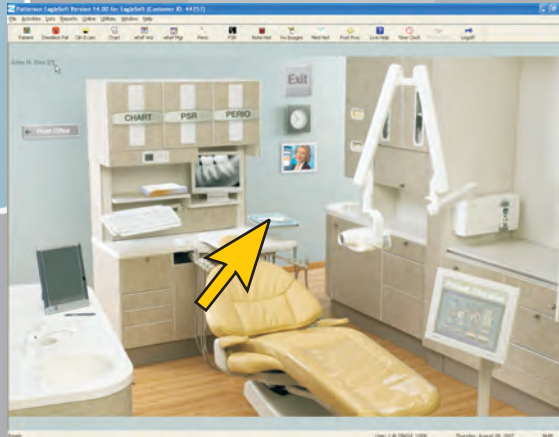
Select **OK**
from the preferences
menu

Patterson
EagleSoft
1.800.475.5036

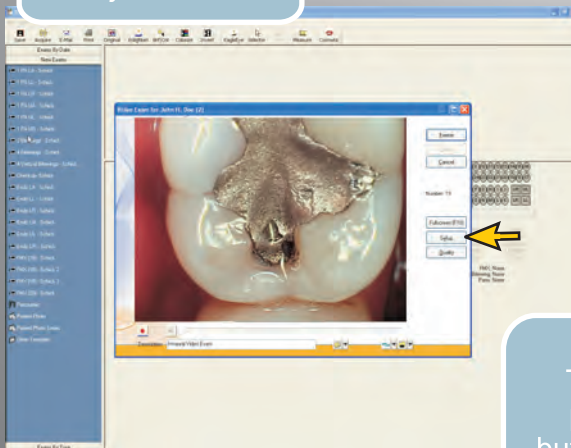


IRIS camera setup with Eaglesoft

Step 6:
Select the **Intraoral camera** from the Clinical screen



Step 7:
Select **Setup** and then **Default** to adjust the color



You will now have live video, and the camera is ready for use

To capture an image press either capture button on the handpiece. When the image is frozen Press the button again and the image will be saved and then go back to live.

Dual Capture buttons



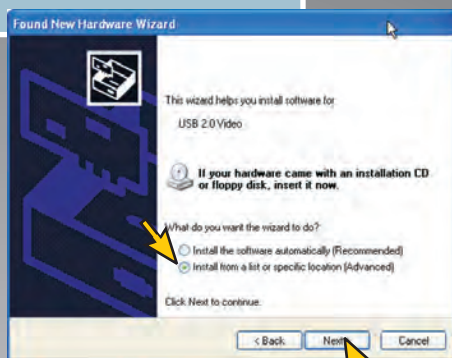
Eaglesoft 1

Continued
from
[Start Here](#) Page

Dentrix Driver Installation

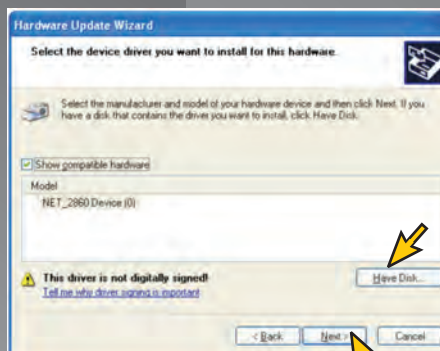
Step 6:

In the Hardware wizard box, click **Install** from a specific location and then select **Next**

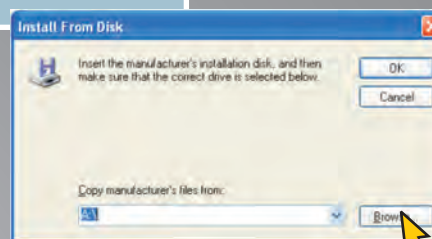


Do NOT select
Automatic
Install

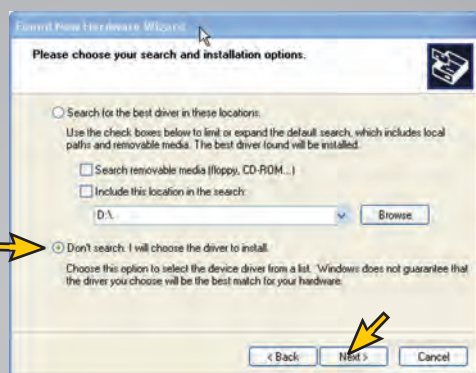
Step 8:
Select **Have Disk**,
Then **Next**



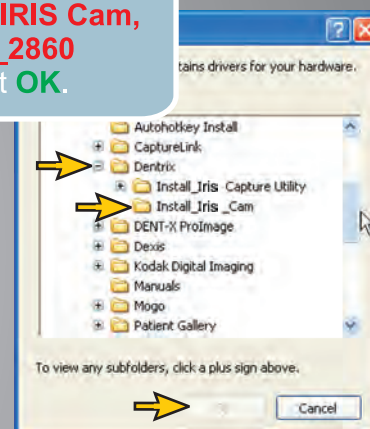
Step 9:
Select **Browse**



Step 7:
Select **Don't search I will choose the Driver to Install**, then **Next**

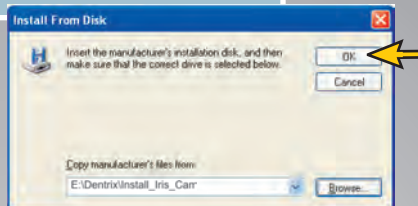


Step 10:
Browse to the CD, choose
Dentrix, then
choose **Install IRIS Cam**,
then **NET_2860**
and select **OK**.

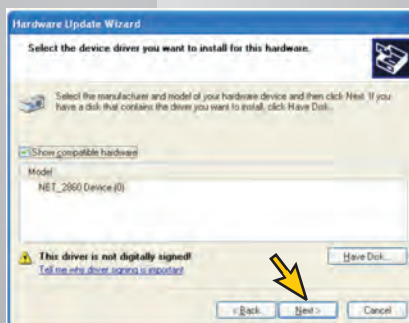


Dentrix Driver Installation

Step 11:
Select **OK** to the search path



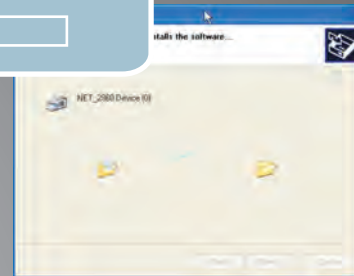
Step 12:
Select **Next** in the driver box



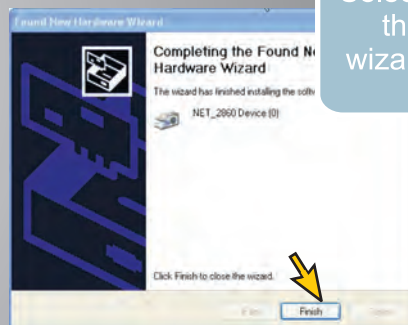
Step 13:
Click **Continue Anyway** anytime the Windows logo testing screen appears



Step 14:
The drivers will load to the computer.



Step 15:
Select **Finish** when the hardware wizard is complete



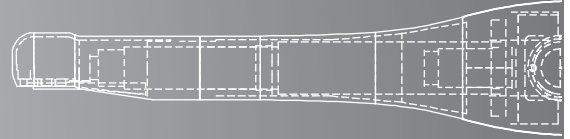
Step 16:
When complete the Hardware Installed box will appear



Your camera Drivers are installed. Please continue to configure the capture and setup of Dentrix with the IRIS camera



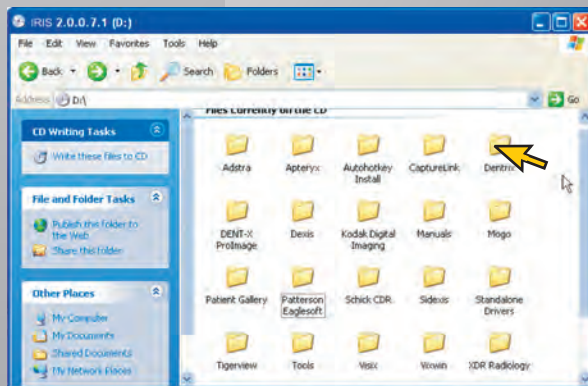
Dentrix Capture Utility Installation



Dentrix 2

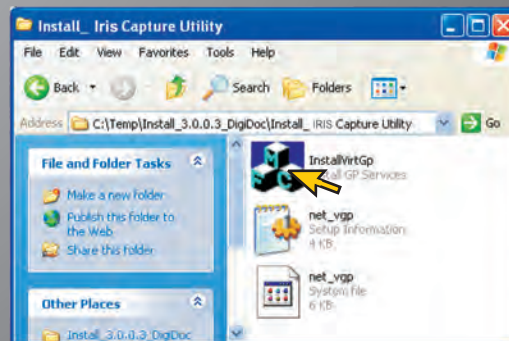
Step 1:

Open the driver disk,
browse to the
Dentrix folder
and double click.



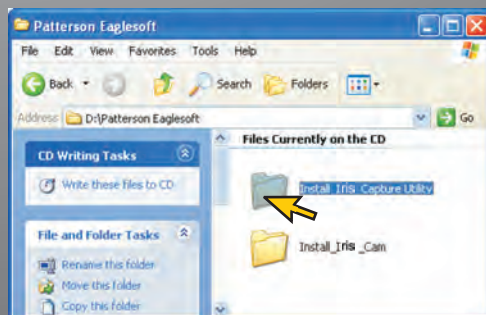
Step 3:

Double click the
Install VirtGp
file



Step 2:

Double click the
Install IRIS Capture Utility
folder

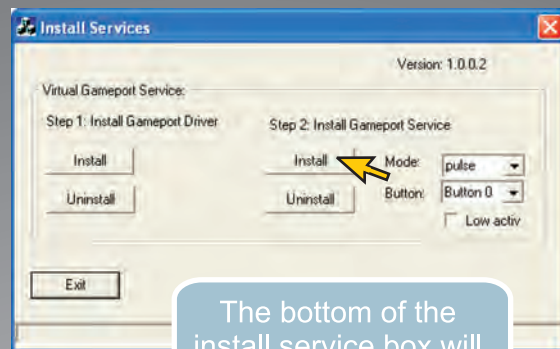
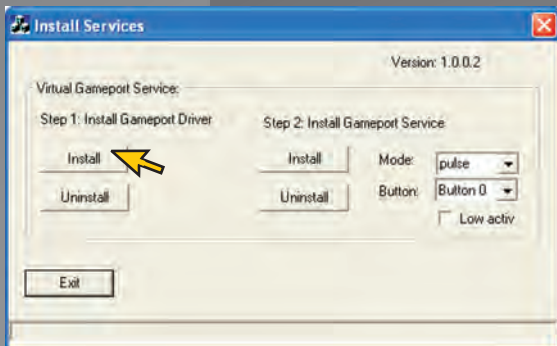


Continue

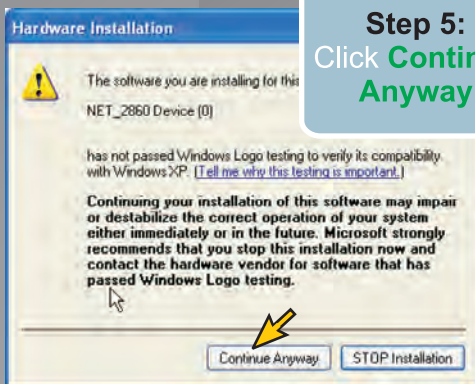
Dentrix Capture Utility Installation

Step 4:
In the install service box
select **Install** under
step 1

Step 6:
In the install service box
select **Install** under
step 2



Step 5:
Click **Continue Anyway**



The bottom of the
install service box will
read installing please
wait. then **Success!**
when finished

Step 7:
When the install completes
select **exit**. The capture
drivers are now loaded

The bottom of the
install service box will
read installing please
wait. then **Success!**
when finished

**At this point you must
restart your computer**



Advanced user can go to
services and start the
NET service 1.02



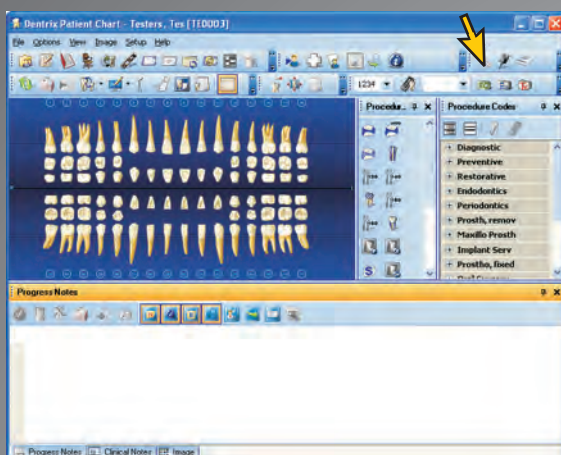
Please continue
for Dentrix Imaging
settings



IRIS Camera setup with Dentrix Image 4.5

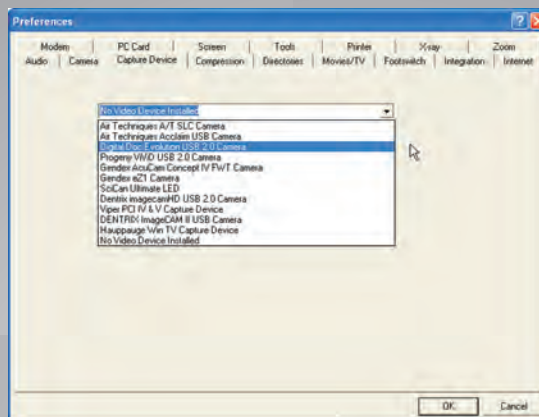
Step 1:

Select a patient, then from the patient screen select the **Acquire Intraoral** button. When the next screen appears Select the **Utilities** tab from the top, then **Preferences**.



Step 2:

Select the **Capture Device Tab**. In the drop down menu select the **Digital Doc Evolution USB 2.0 Camera**. (This is not a typo, The Evolution driver is used here for the IRIS camera.)



Dentrix Image
tech support
1-888-883-3947
Option 4



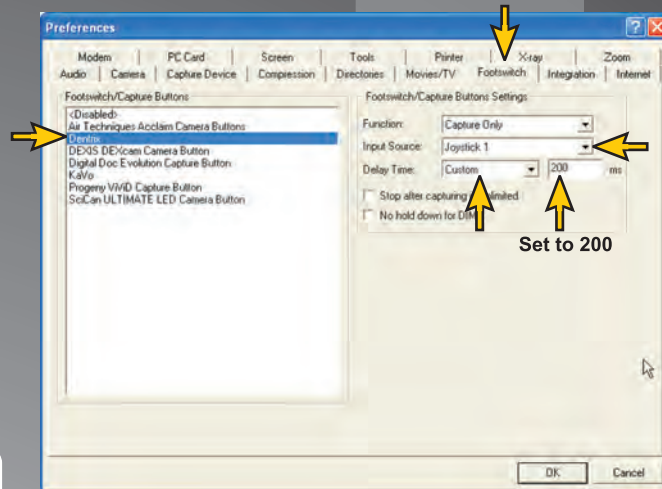
If the Digital Doc Evolution is not listed, please contact Dentrix tech support for the available patch.



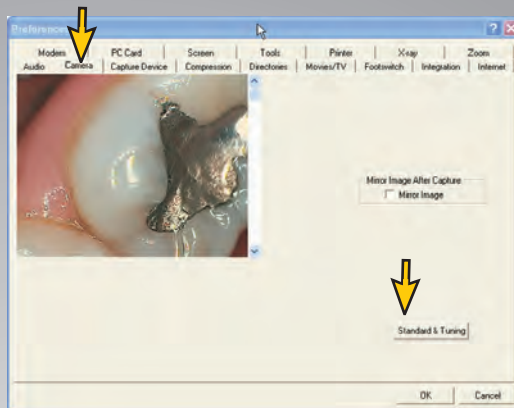
Continue

IRIS Camera setup with Dentrix Image 4.5

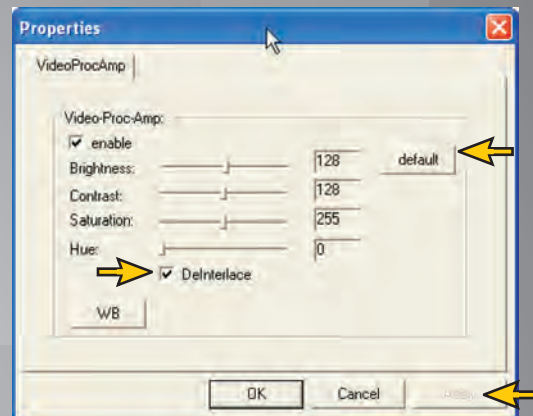
Step 3:
Select the **Footswitch** tab from
the same preferences box.
Select **Dentrix**,
Joystick 1, **Custom**,
and set the custom to **200**



Step 4:
Select the **Camera** tab
from the same screen
Then **standard & Tuning**



Step 5:
Select **Default**
then check the
DeInterlace
Then **Apply**



Dentrix Image
tech support
1.888.883.3947
Option 4



Continue

Dentrix 2

IRIS Camera setup with Dentrix Image 4.5

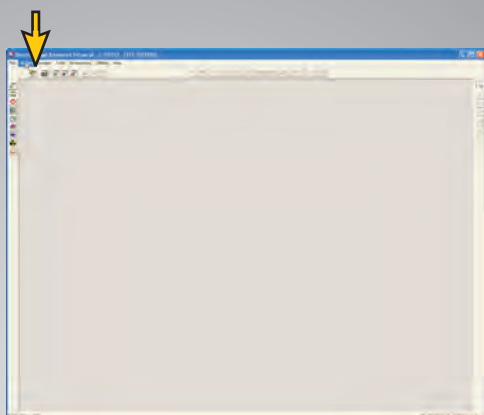
Step 6:

From the Dentrix imaging screen go to, **Acquire**, then **Intraoral camera**, then **Capture Full Screen**.

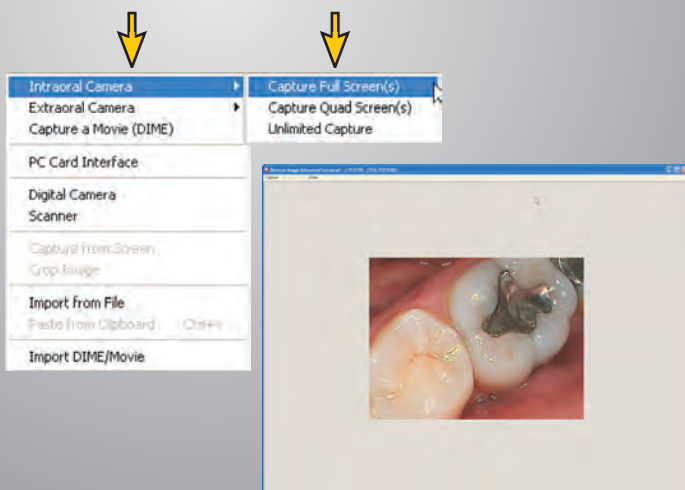


For improved image quality of saved images, **turn the Dentrix image compression off.**

Dentrix 2



To capture an image press either capture button on the handpiece. When the image is frozen press the button again and the image will save and go back to live.



You will now have an image and your camera is ready to use

**Dentrix Image
tech support
1.888.883.3947
Option 4**



**Digital DOC
1.800.518.1102**



Dual Capture
Buttons

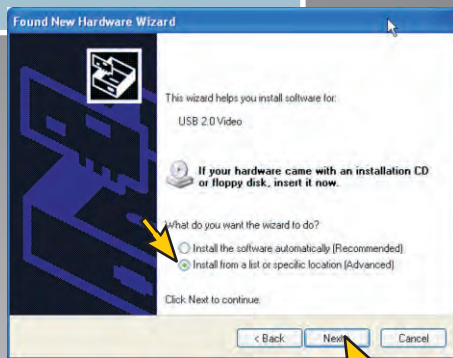


Continued
from
Start Here Page

Kodak Driver Installation

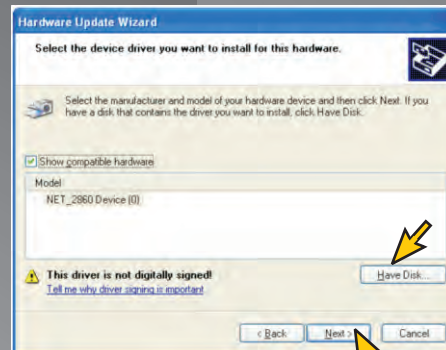
Step 6:

In the Hardware wizard box, click **Install** from a specific location and then select **Next**

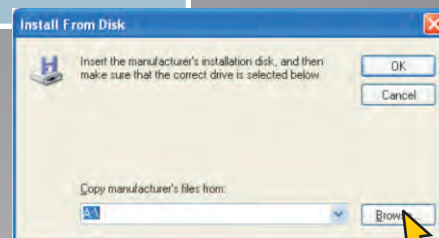


Do NOT select Automatic Install

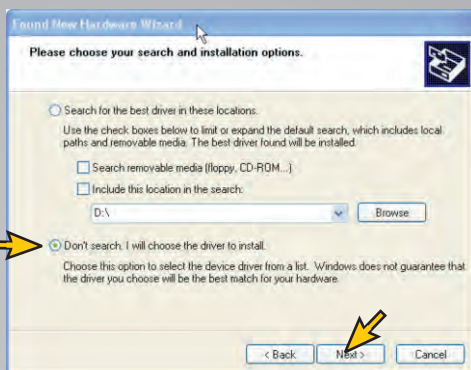
Step 8:
Select **Have Disk**,
Then **Next**



Step 9:
Select **Browse**



Step 7:
Select **Don't search I will choose the Driver to Install**, then **Next**



Step 10:
Browse to the CD, choose **Kodak Digital Imaging**, then choose **Install IRIS Cam**, then **NET_2860** and select **OK**.

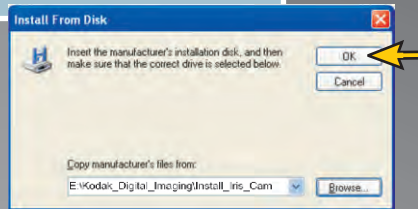


Kodak 3

Kodak Driver Installation

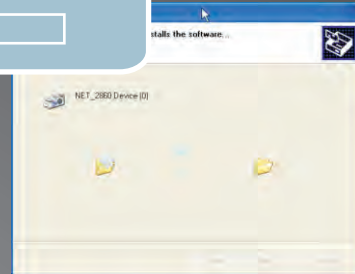
Kodak 3

Step 11:
Select **OK** to the search path

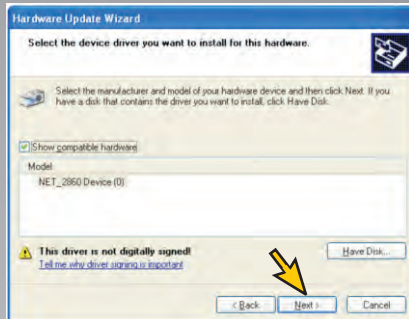


Step 14:
The drivers will load to the computer.

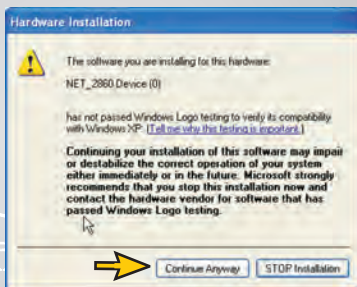
Loading



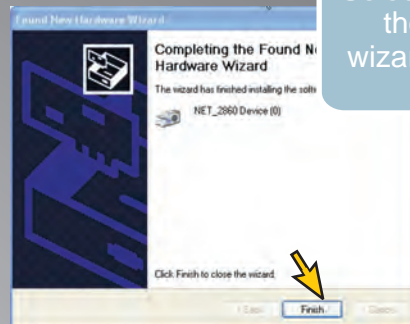
Step 12:
Select **Next** in the driver box



Step 13:
Click **Continue Anyway** anytime the Windows logo testing screen appears



Step 15:
Select **Finish** when the hardware wizard is complete



Step 16:
When complete the Hardware Installed box will appear



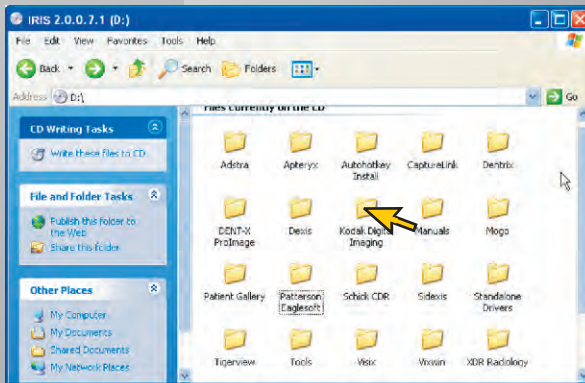
Your camera Drivers are installed. Please continue to configure the capture and setup of Kodak with the IRIS camera



Continue

Kodak Capture Utility Installation

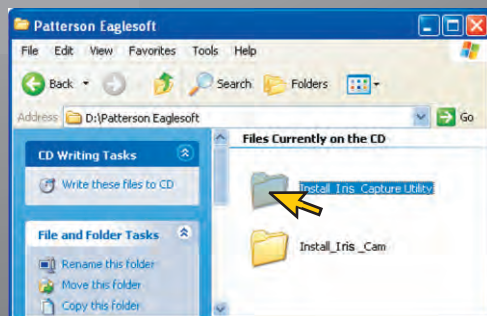
Step 1:
Open the driver disk,
browse to the
Kodak folder
and double click.



Step 3:
Double click the
Install VirtGp
file

Kodak 3

Step 2:
Double click the
Install IRIS Capture Utility
folder




Continue

Kodak Capture Utility Installation

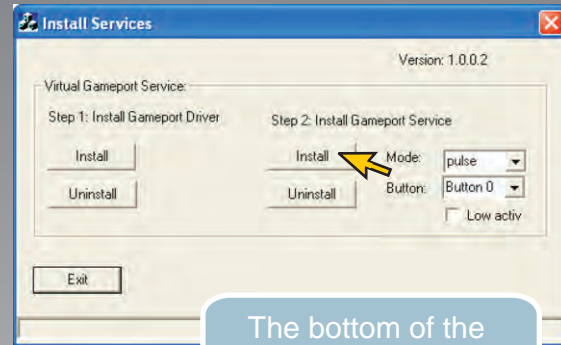
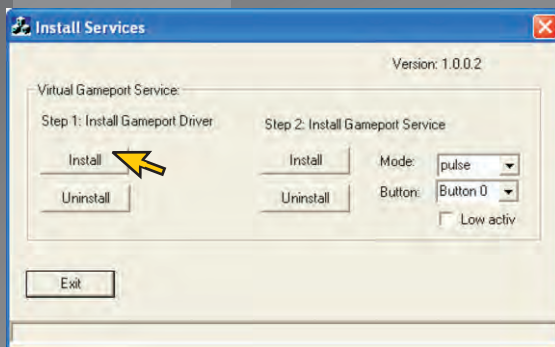
Kodak 3

Step 4:

In the install service box select **Install** under step 1

Step 6:

In the install service box select **Install** under step 2



The bottom of the install service box will read installing please wait. then **Success!** when finished



Step 5:
Click **Continue Anyway**

Step 7:

When the install completes select **exit**.

In order to capture with Kodak you must use the Auto Hot Key bridge. Please continue for installation instructions.

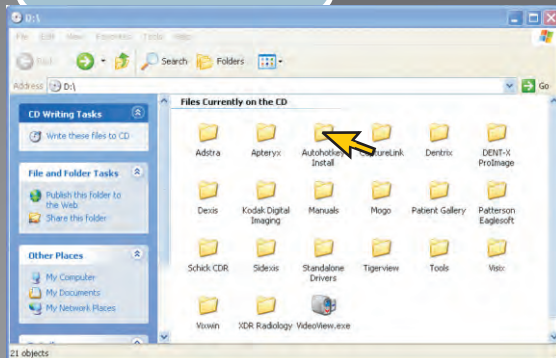
The bottom of the install service box will read installing please wait. then **Success!** when finished

Please continue
for installation
of the Auto Hot Key

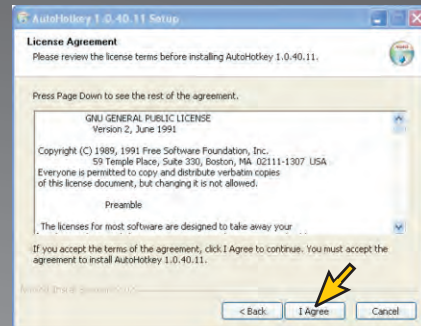


Kodak Capture Utility Installation Autohotkey

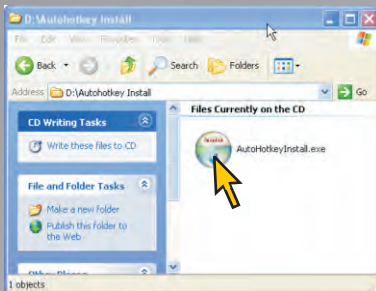
Step 1:
Open the driver disk,
browse to the
Autohotkey folder
and double click.



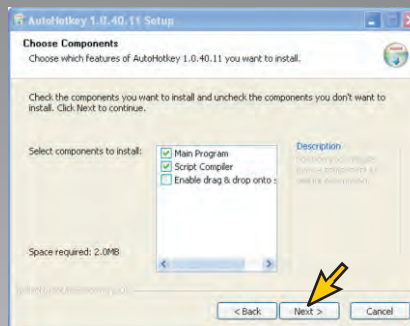
Step 4:
Click **I Agree**



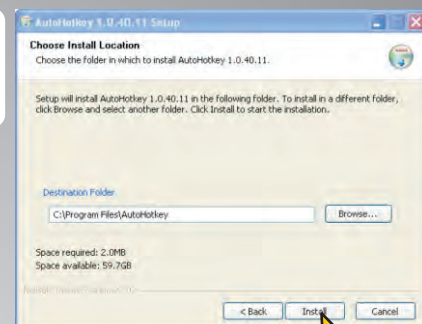
Step 2:
Double click the
Autohotkey program
Icon



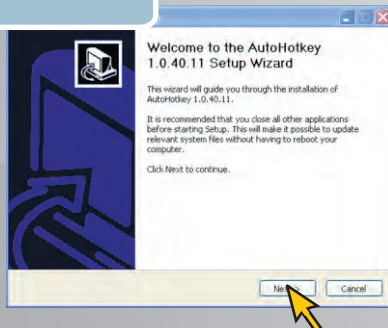
Step 5:
Click **Next**



Step 6:
Click **Install**



Step 3:
Click **Next**



Step 7:
The program will install and
be ready to use. Click **Finish**
to proceed

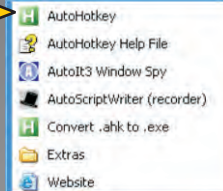


Continue

Kodak Capture Utility Installation Autohotkey

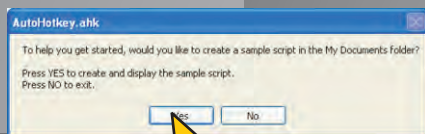
Step 8:

Start the program by selecting **START**, **All Programs, Autohotkey**, then choose the **Autohotkey** program



Step 9:

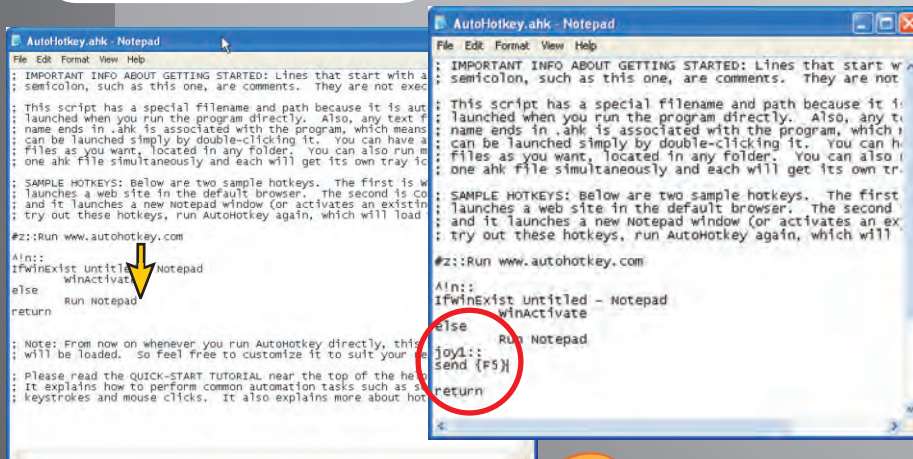
Select **YES** to create the sample script



Step 10:

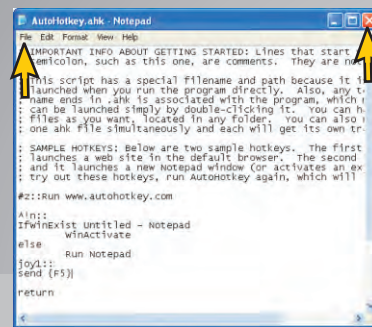
When the script page appears place your cursor at the end of "Run Notepad" and press return, then add the text shown exactly as you see it here

joy1::
send {F5}



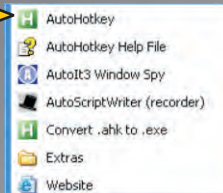
Step 11:

Save the script by selecting **File** then **Save**. When complete **close** the notepad



Kodak Capture Utility Installation Autohotkey

Step 12:
Start the program again by
selecting **START**,
All Programs, Autohotkey,
then choose the
Autohotkey program



Step 13:
Right click the
"H" in the task bar
on the bottom right
of the screen

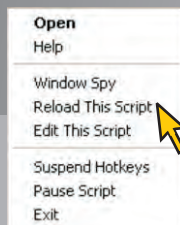


Right Click

Step15:
Right Click on the
Autohotkey program
as in step 12 and
select copy.

Step16:
Paste the Autohotkey
program into your
startup Folder.

Step 14:
Select
Reload this Script



C:\Documents and Settings\
All Users\
Start Menu\
Programs\
Startup



**At this point you must
restart your computer**

*Advanced user can go to
services and start the
NET service 1.02*

 **Digital DOC**
1.800.518.1102



Please continue to
configure the setup
of Kodak with the
IRIS camera



Continue

Kodak tech support
1.866.435.7473

Kodak Setup with the IRIS camera

Step 1:

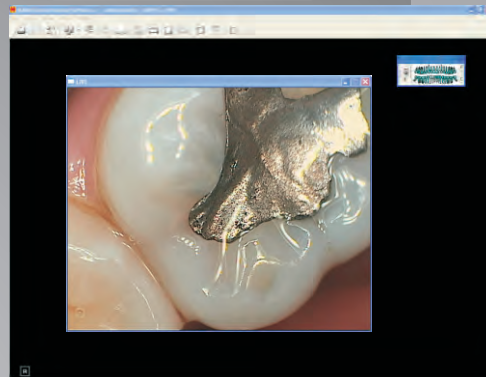
Open a Patient, then
with the camera connected
and Kodak Imaging started.
Press **F5** on the keyboard
to start the imaging.

Step 3:
Select the **Default**
tab in the Video
settings screen

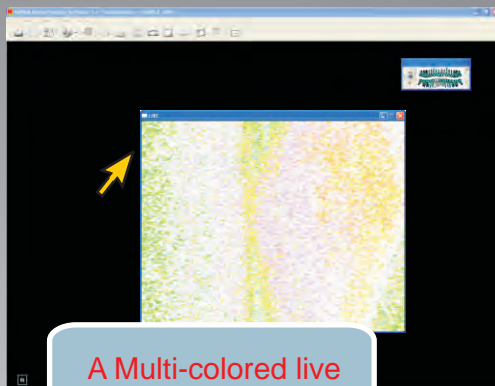


Step 4:

You will now have
a live video screen
and the camera is
ready for use



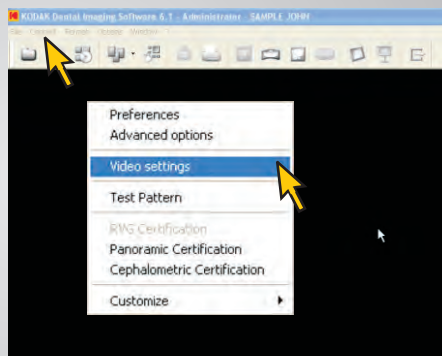
Kodak 3



A Multi-colored live
image will appear on
the screen

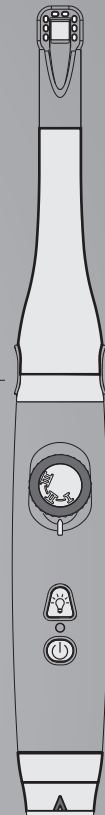
Step 2:

From the main screen
select **Options**, then
Video Settings



Dual Capture
Buttons

To capture an image
press either capture
button on the handpiece.
When the image is frozen
Press the button again
and the image will
go back to live.



Dexis Driver Installation

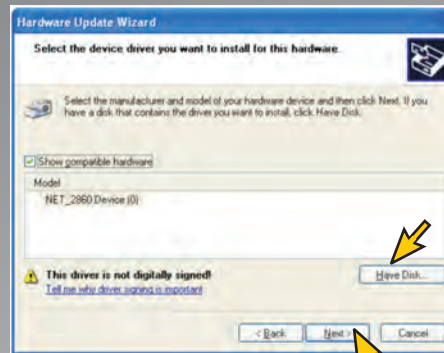
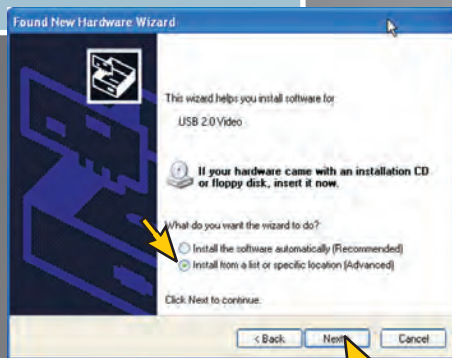
Step 8:
Select **Have Disk**,
Then **Next**

Step 6:

In the Hardware wizard box, click **Install** from a specific location and then select **Next**



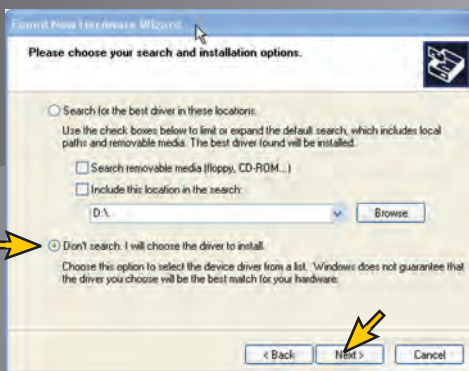
Do NOT select Automatic Install



Step 9:
Select **Browse**



Step 7:
Select **Don't search I will choose the Driver to Install**, then **Next**



Step 10:
Browse to the CD, choose **Dexis**, then choose **Install IRIS Cam**, then **NET_2860** and select **OK**.

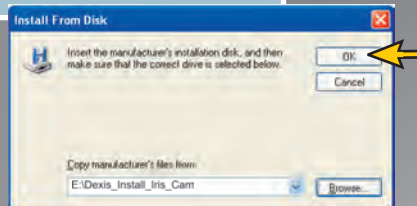


Continue

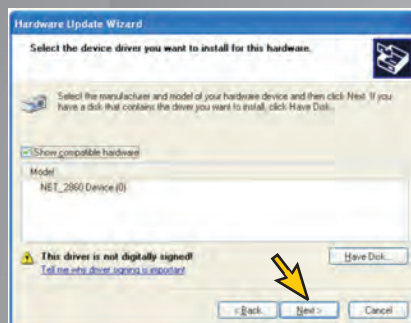


Dexis Driver Installation

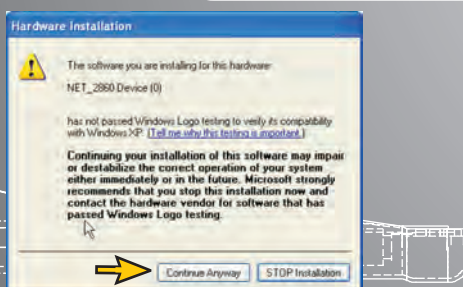
Step 11:
Select **OK** to the search path



Step 12:
Select **Next** in the driver box



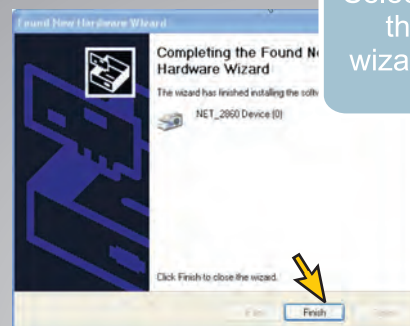
Step 13:
Click **Continue Anyway** anytime the Windows logo testing screen appears



Step 14:
The drivers will load to the computer.



Step 15:
Select **Finish** when the hardware wizard is complete



Step 16:
When complete the Hardware Installed box will appear



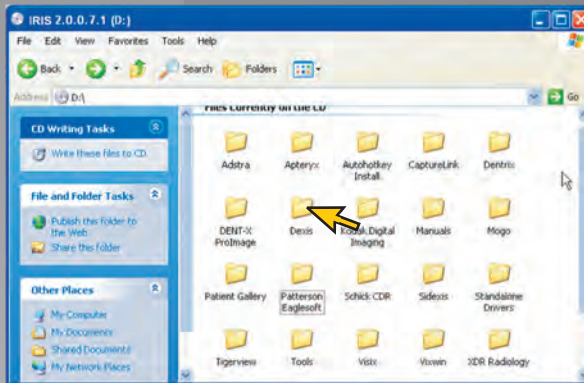
Your camera Drivers are installed. Please continue to configure the capture and setup of Dexis with the IRIS camera

30

Continue

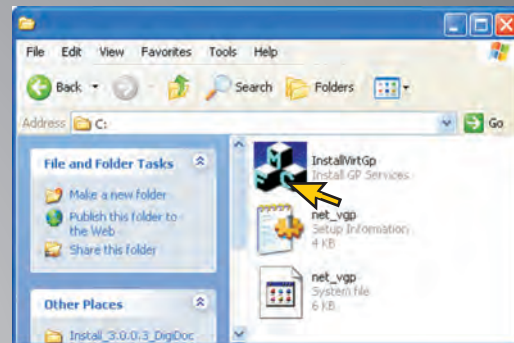
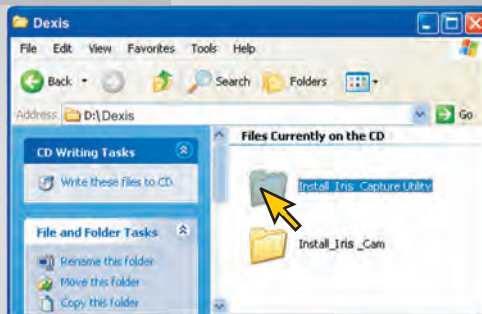
Dexis Capture Utility Installation

Step 1:
Open the driver disk,
browse to the
Dexis folder
and double click.



Step 3:
Double click the
Install VirtGp
file

Step 2:
Double click the
Install IRIS Capture Utility
folder




Continue

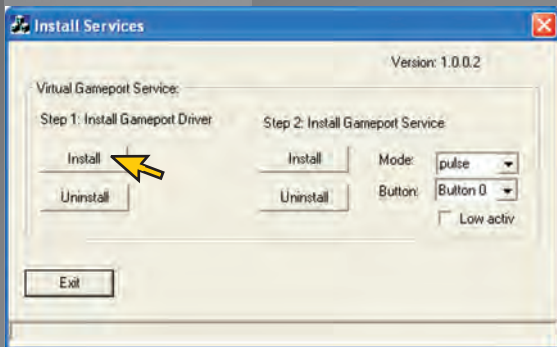
Dexis 4

Dexis Capture Utility Installation

Dexis 4

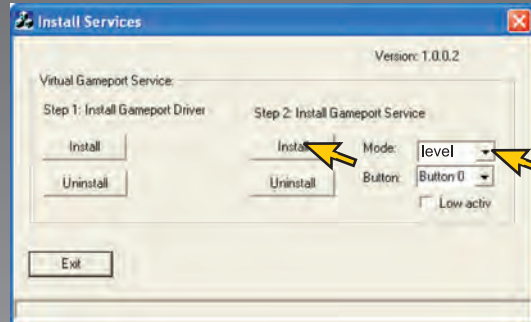
Step 4:

In the install service box select **Install** under step 1



Step 6:

In the install service box change the Mode to **Level** and select **Install** under step 2



The bottom of the install service box will read installing please wait. then **Success!** when finished

Step 5:

Click **Continue Anyway**



The bottom of the install service box will read installing please wait. then **Success!** when finished

Step 7:

When the install completes select **exit**. The capture drivers are now loaded



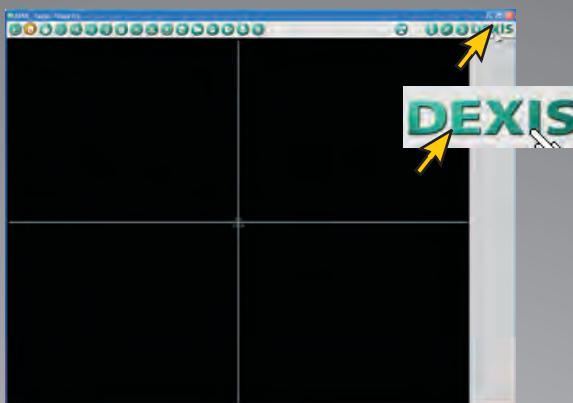
At this point you must restart your computer

Advanced user can go to services and start the NET service 1.02

IRIS camera setup with Dexis

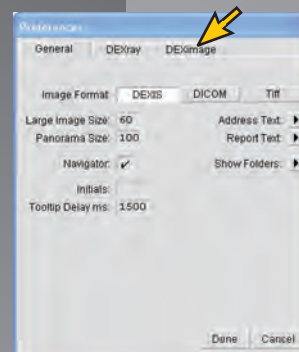
Step 1:

Open a Patient, then
With the camera connected
and Dexis started. Click on
the **DEXIS** icon in the
upper right of the screen



Step 3:

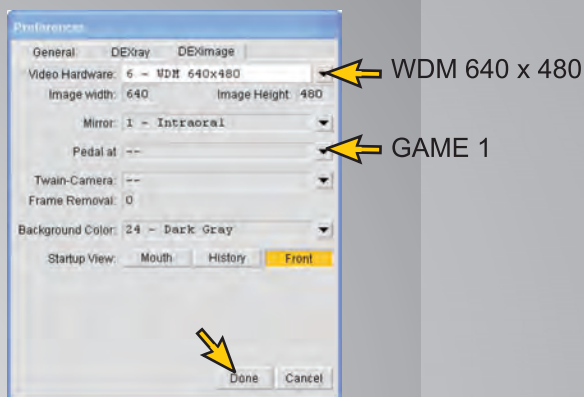
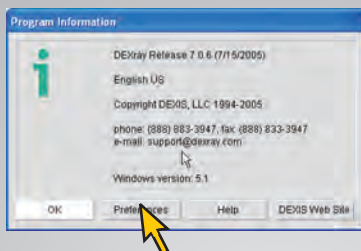
In the preferences
box select
DEXimage



Step 4:

Set the Video Hardware
to **WDM 640 x 480**
And set the pedal at
to **GAME 1** then **Done**

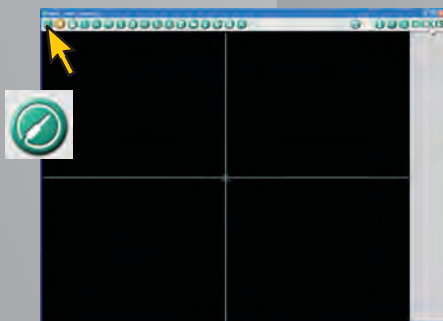
Step 2:
Go to **Preferences**
in the Program
information box



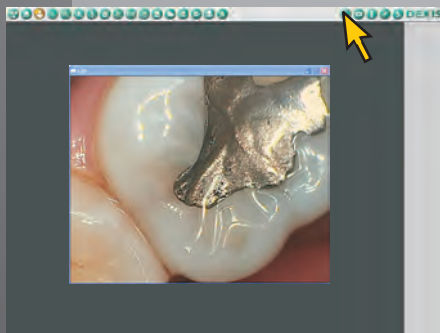
Dexis 4

IRIS camera setup with Dexis

Step 5:
Select the **camera**
Icon in the top
left



Step 6:
Select the **camera**
Icon again from
the right of the screen



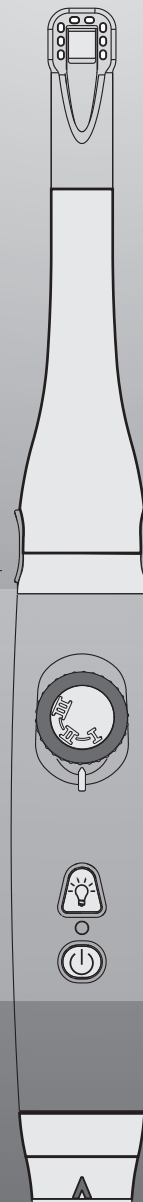
You will now have a live
image and the camera is
ready to use.



1.888.883.3947

Dexis
Tech Support

Dual Capture
Switches

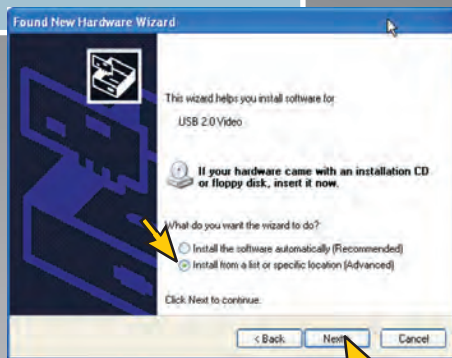


To capture an image
press either capture
button on the handpiece.
When the image is frozen,
press and hold the button
to save, press again
and the image will
go back to live.

Schick Driver Installation

Step 6:

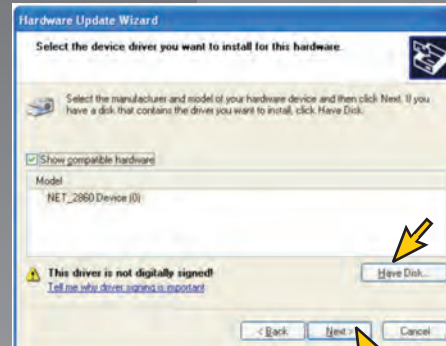
In the Hardware wizard box, click **Install** from a specific location and then select **Next**



Do NOT select Automatic Install

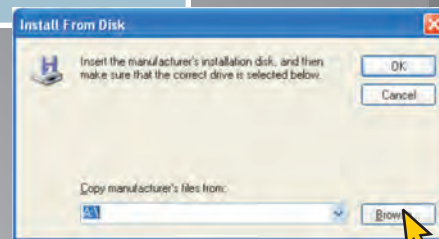
Step 8:

Select **Have Disk**, Then **Next**



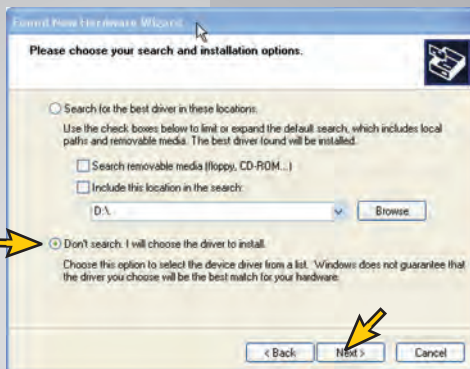
Step 9:

Select **Browse**



Step 7:

Select **Don't search I will choose the Driver to Install**, then **Next**



Step 10:

Browse to the CD, choose **Schick**, then choose **Install IRIS Cam**, then **NET_2860** and select **OK**.



Schick Driver Installation

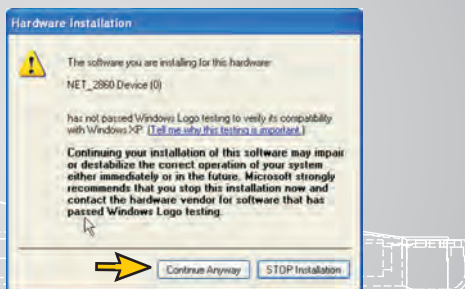
Step 11:
Select **OK** to the search path



Step 12:
Select **Next** in the driver box



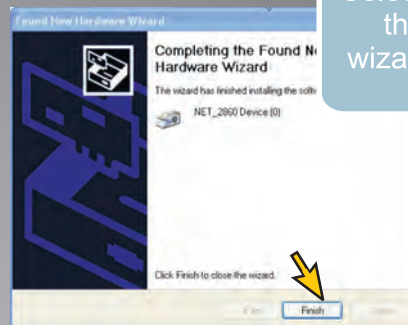
Step 13:
Click **Continue Anyway** anytime the Windows logo testing screen appears



Step 14:
The drivers will load to the computer.



Step 15:
Select **Finish** when the hardware wizard is complete



Step 16:
When complete the Hardware Installed box will appear

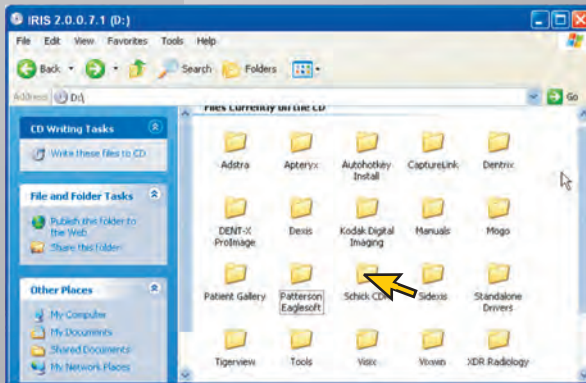


Your camera Drivers are installed. Please continue to configure the capture and setup of Schick with the IRIS camera


Continue

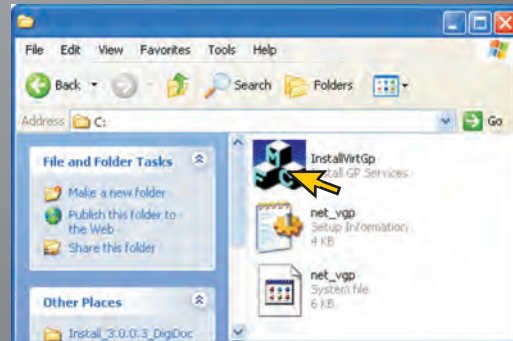
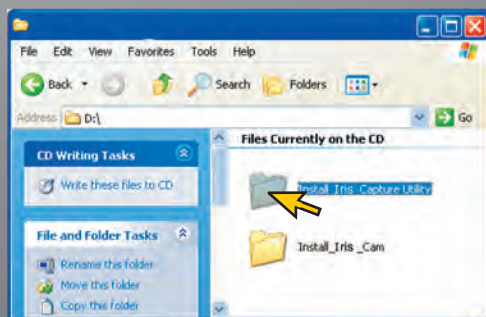
Schick Capture Utility Installation

Step 1:
Open the driver disk,
browse to the
Schick folder
and double click.



Step 3:
Double click the
Install VirtGp
file

Step 2:
Double click the
Install IRIS Capture Utility
folder




Continue

Schick 5

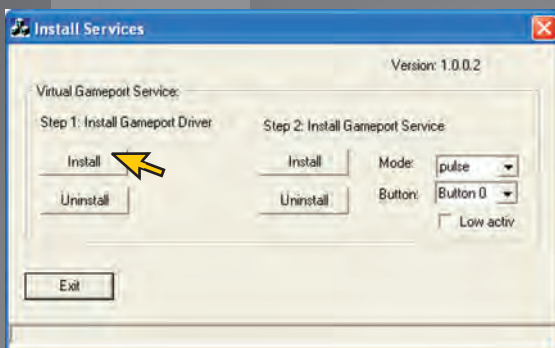


 **Digital DOC**
1.800.518.1102

Schick Capture Utility Installation

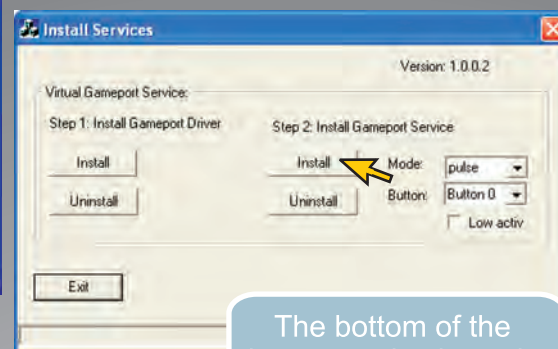
Step 4:

In the install service box select **Install** under step 1



Step 6:

In the install service box select **Install** under step 2



The bottom of the install service box will read installing please wait. then **Success!** when finished

Step 5:

Click **Continue Anyway**



The bottom of the install service box will read installing please wait. then **Success!** when finished

Step 7:
When the install completes select **exit**.

In order to capture with Schick you must use the Autohotkey bridge. Please continue for installation instructions.

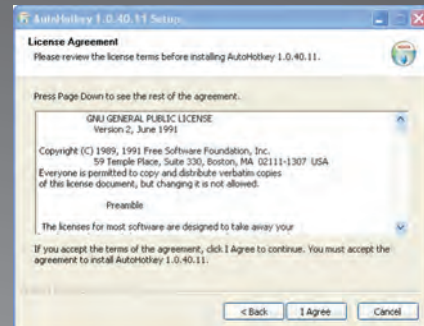
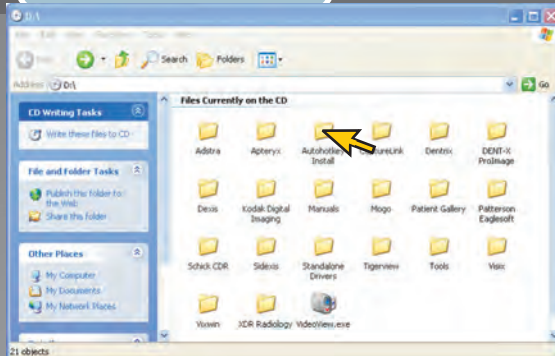
Please continue for installation of the Auto Hot Key


Continue

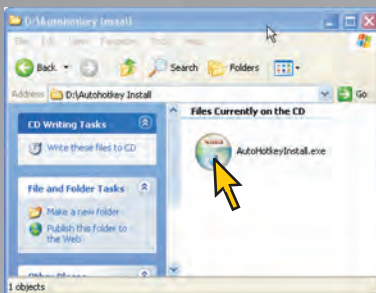
Schick Capture Utility Installation Autohotkey

Step 1:
Open the driver disk,
browse to the
Autohotkey folder
and double click.

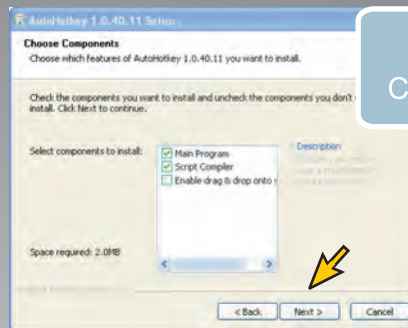
Step 4:
Click **I Agree**



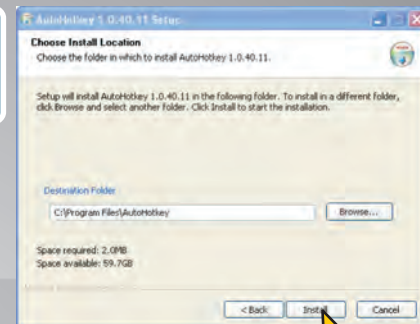
Step 2:
Double click the
Autohotkey program
Icon



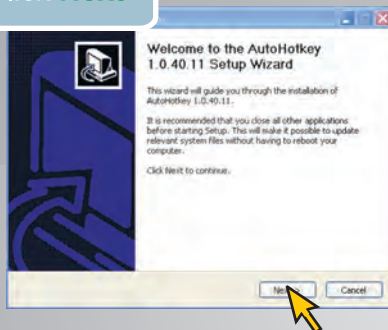
Step 5:
Click **Next**



Step 6:
Click **Install**



Step 3:
Click **Next**



Step 7:
The program will install and
be ready to use. Click **Finish**
to proceed

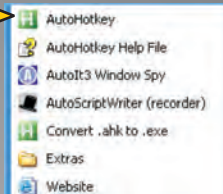


Continue

Schick Capture Utility Installation Autohotkey

Step 8:

Start the program by selecting **START**, **All Programs**, **Autohotkey**, then choose the **Autohotkey** program



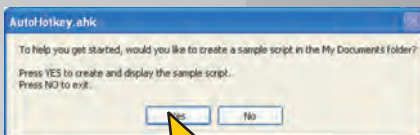
Step 11:

Save the script by selecting **File** then **Save**. When complete **close** the notepad



Step 9:

Select **YES** to create the sample script



Step 10:

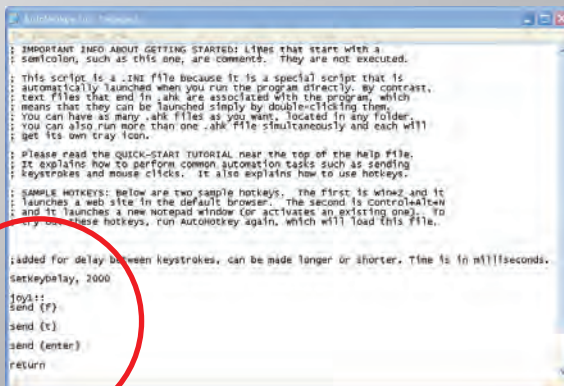
When the script page appears place your cursor at the end of "Run Notepad" and press return, then add the text shown exactly as you see it here

SetKeyDelay, 2000

```
joy1::  
send { f }  
send { t }  
send { enter }  
  
return
```

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Please call Digital Doc if you have any challenges during this step



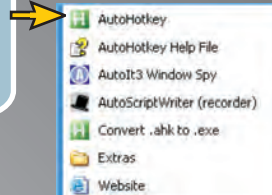
40


Continue

Schick Capture Utility Installation Autohotkey

Step 12:

Start the program again by selecting **START**, **All Programs**, **Autohotkey**, then choose the **Autohotkey** program



Step 13:

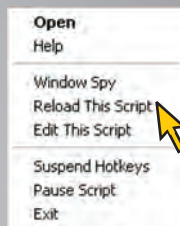
Right click the "H" in the task bar on the bottom right of the screen



Right Click

Step 14:

Select **Reload this Script**



Step 15:

Right Click on the **Autohotkey** program as in step 12 and select **copy**.

Step 16:

Paste the Auto Hot Key program into your startup Folder.

C:\Documents and Settings\
All Users\
Start Menu\
Programs\
Startup



**At this point you must
restart your computer**

*Advanced user can go to
services and start the
NET service 1.02*

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Please continue to
configure the setup
of Schick with the
IRIS camera



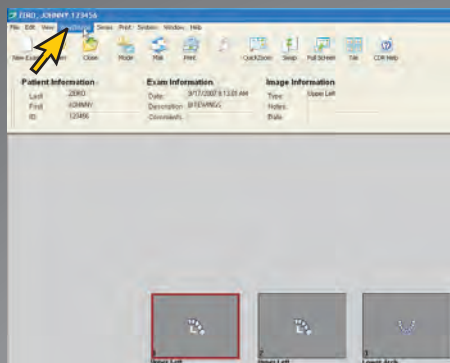
Continue

Schick 5

Schick Setup with the IRIS camera

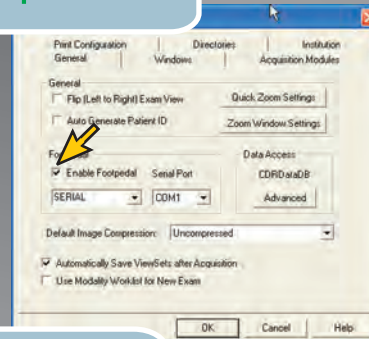
Step 1:

Open a patient, then
With the camera connected
and Schick started. Go to
the **X-ray / Image tab**



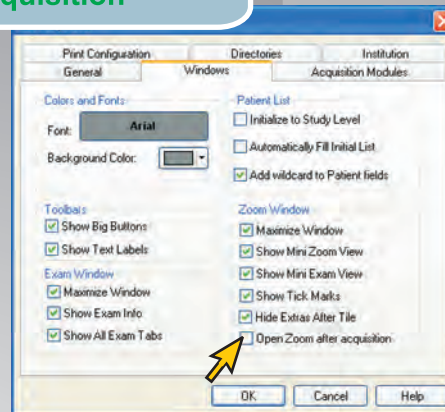
Step 4:

Under the **General Tab**
Select **Enable
foot pedal**



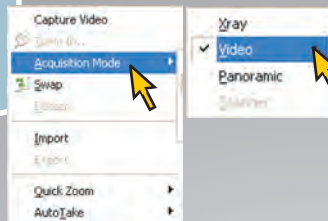
Step 5:

Under the Windows
tab **uncheck the
Open Zoom after
Acquisition**



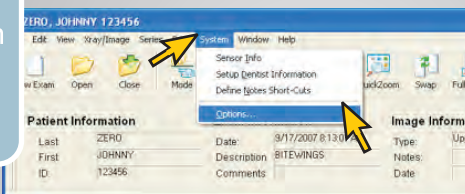
Step 2:

Go to **Acquisition
Mode**, then **Video**



Step 3:

In the main screen
go to **System**, then
Options, or
CDR options with
some versions



Schick 5



Continue

Schick tech support
1.888.472.4425



Schick Setup with the IRIS camera

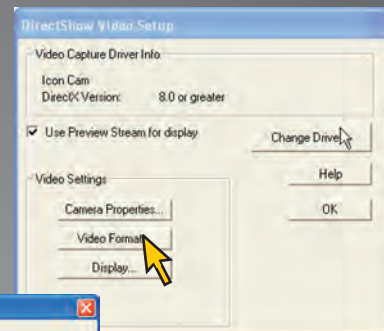
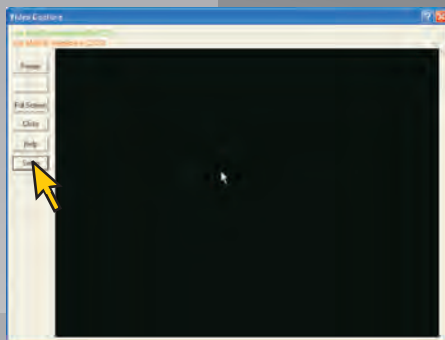
Step 6:

In the desk top select
an image. Then
select **setup**

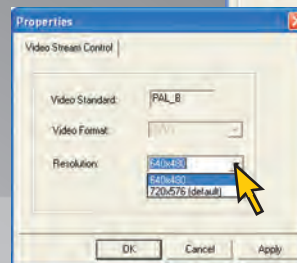


Step 8:

Select **Video format**
then select the
640 x 480
resolution



Step 7:
Select **change**
driver, then select
the **IRIS cam**



You will now have a live
image and the camera is
ready to use.

Dual Capture
Buttons

To capture an image
press either capture
button on the handpiece.
When the image is frozen
Press the button again
and the image will
go back to live.

Schick 5

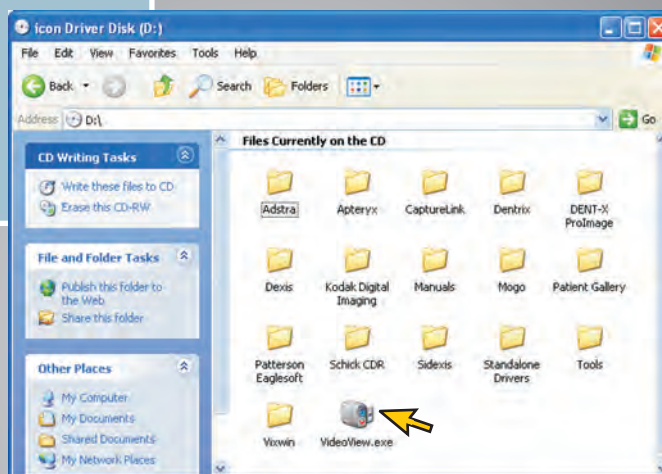


Installing the Video Viewer Software

Note: This software is intended for use as a video viewing device, and is used primarily as a diagnostic tool. This software is not required if you are using a Practice Management software with imaging capabilities,

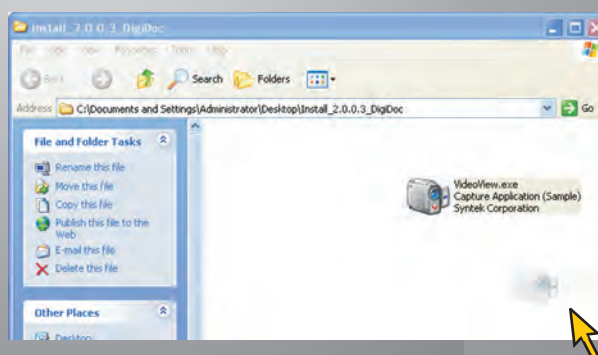


Step 1: With the driver disk installed, browse to the **VideoView.exe** file



Step 2: Copy the VideoView.exe file to your desktop.

Click and hold the icon, then drag and drop to the desk top

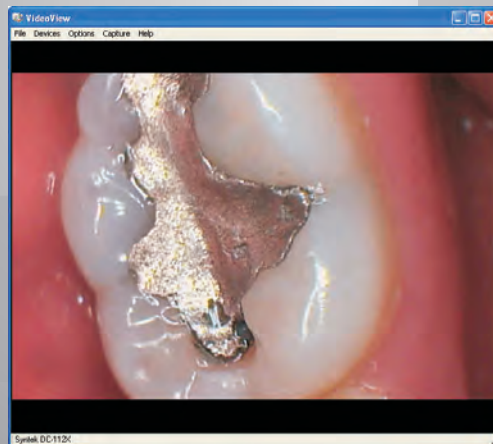
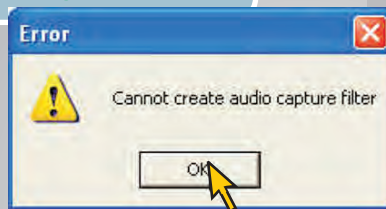


Installing the Video Viewer Software Cont.

Step 3: Double click the **VideoView.exe** icon on the desk top to start the program

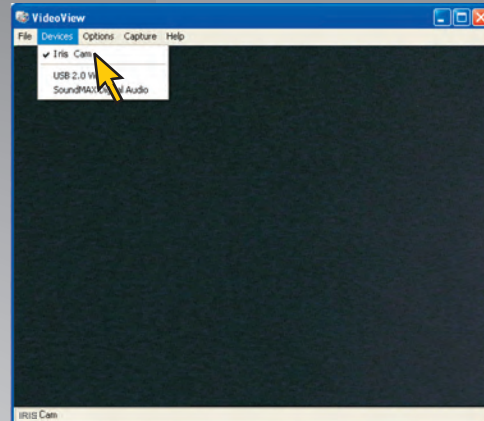


Step 4:
Some computers may see an Error screen at this point. If this occurs simply click **OK**



Step 5:

When the software starts, select **Devices** from the menu and then check **IRIS Cam**



You will now have a live Video image

Video View

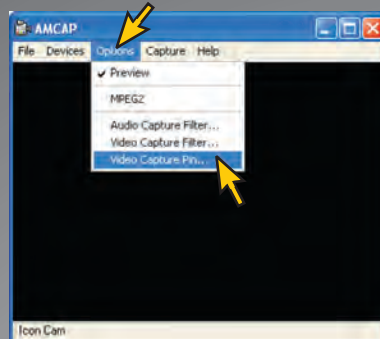
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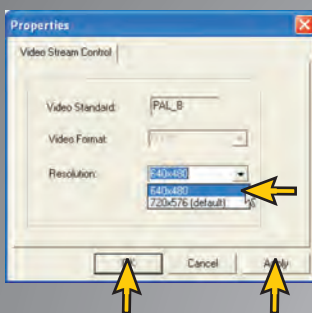

Continue

Configuring The Video View Settings

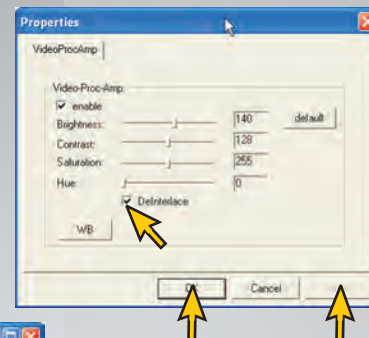
Step 6:
Select **options**,
Video capture Pin



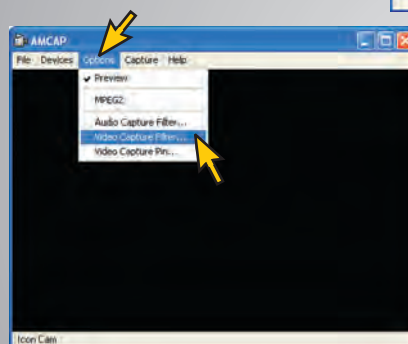
Step 7:
Select **640x480**
then apply and **OK**



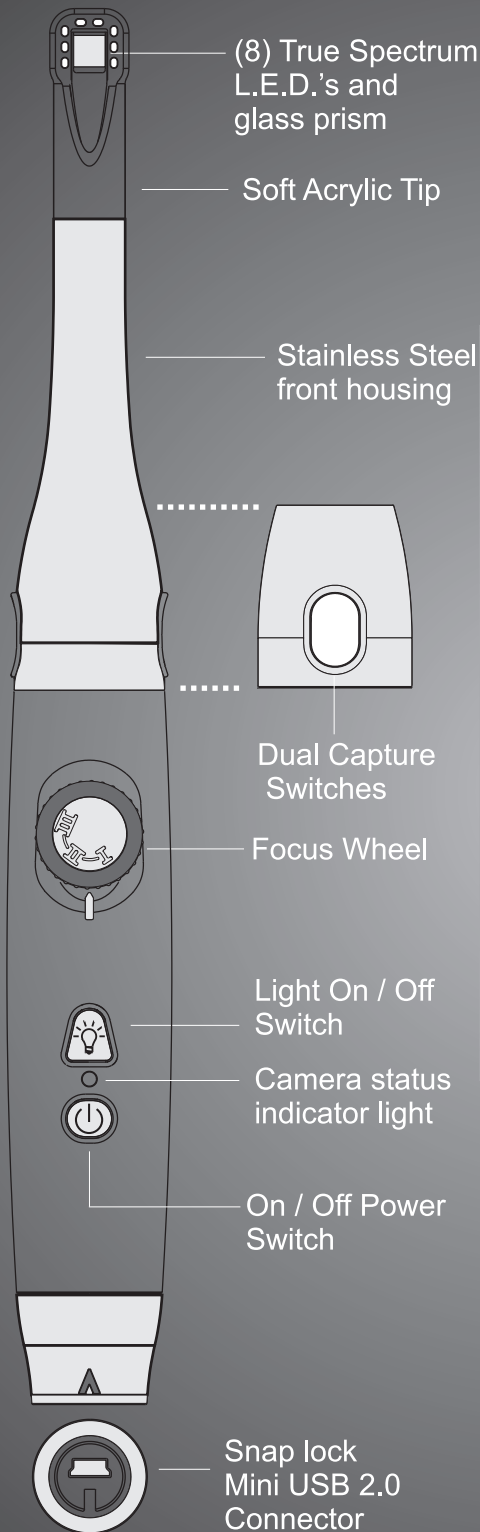
Step 9:
Select **DeInterlace**
then apply and **OK**



Step 8:
Select **options**,
Video capture Filter



Video View



The IRIS Handpiece



The IRIS handpiece is NOT submersible and should be cleaned with an isopropyl alcohol only. Do not use any abrasive cleaners such as Glutaraldehyde or Discide.

The IRIS camera will automatically shut off after 10 Minutes, if the camera is left idle.



Mirror / Anatomic Image



With the camera unplugged, press and hold both the power and light button. Plug the USB cable into the camera, while holding the buttons. The LED's will flash. Unplug the camera and then plug it back in. The image will now be flipped

Image



Focusing and Camera Controls

It is normal for the handpiece to be warm while in use. Heat is a factor in any electronic device, It is recommended that the IRIS camera be turned OFF when not in use and not exceed continued use of more then 10Min.



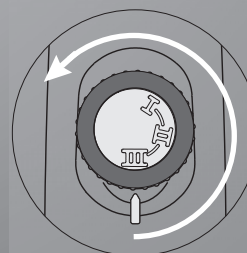
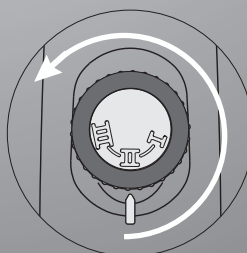
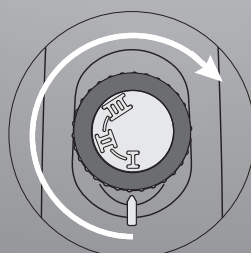
Please see the Practice Software section of this manual for capture information.

Focus Positions

Position I
Close up

Position II
Two Surface

Position III
Full Smile



Camera Info



Turns the lights of the camera ON and OFF



Blinking green shows that the camera is in standby mode

Turns the camera power ON and OFF



The Light ON / OFF feature can be used to take images of X-rays that are back-lit



It is recommended that the camera be turned OFF when not in use

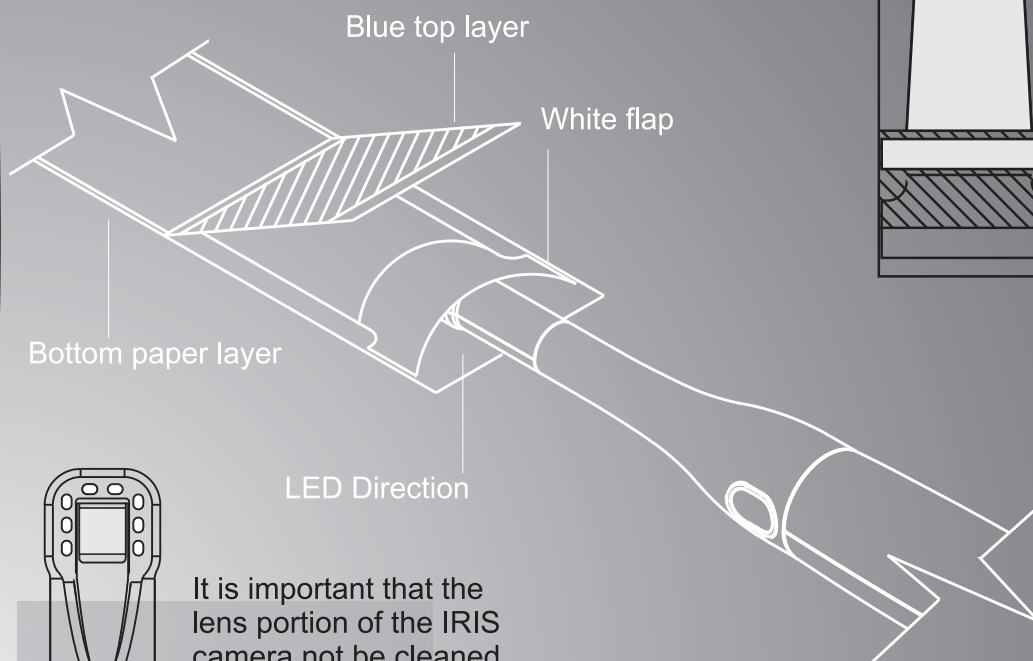
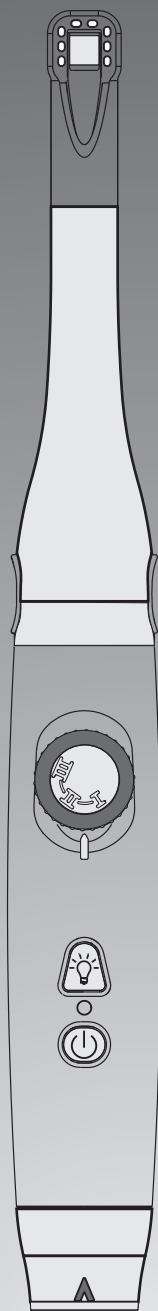


The IRIS Sheaths



The IRIS camera will come with a sample pack of sheaths. These sheaths are designed for intra-oral use only.

When applying the sheaths, slide the handpiece with the LED's facing down under the white flap. Push the handpiece in until the end of the sheath is taut, then peel away the top blue layer and the bottom paper layer. It is recommended that you use the bottom paper layer, or a gloved hand to press the sheath against the lens for approximately 3 seconds.

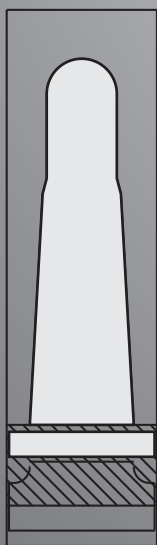


It is important that the lens portion of the IRIS camera not be cleaned with any abrasive materials and or chemicals

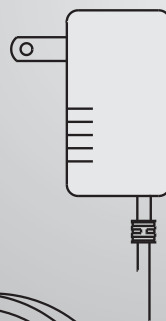


IRIS Camera Accessories

Protective Sleeves
1 Box (500 units)
Part Number
SH0004

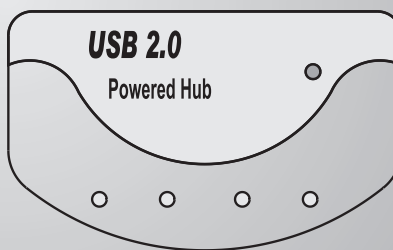


USB Cable
with adapter
15 Ft.
Part Number
CA0050

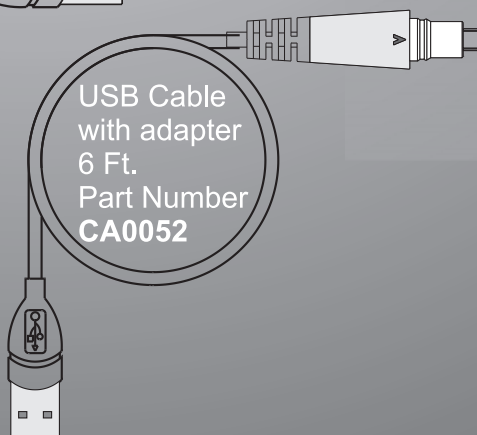


USB 2.0
Powered Hub

USB 2.0
Powered Hub
Part Number
27403



USB Cable
with adapter
6 Ft.
Part Number
CA0052



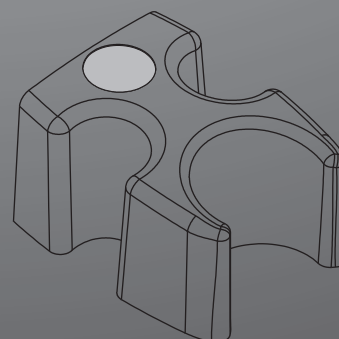
It is not recommended to
use more than 1 active
repeater in line



USB 2.0

Active
Repeater Cable

USB Extension
Repeater Cable
16 Ft.
Part Number
CA0047



Handpiece Cradle
Part Number
FP0133

Camera Info



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Note: Most issues that arise with video and or capture can be solved with a few simple steps. Please review this trouble shooting guide for answers to the most common questions. If your issue is not resolved please contact Digital Doc at 1.800.518.1102



Trouble Shooting the IRIS Camera

Video is slow or choppy

The camera is plugged into a USB 1.0 or 1.1 port.

The Computer has only 512MB of RAM.

A USB cable of over 15 ft is being used.

The Video is set to 720 x 576. *In the video view program found on the driver disk go to OPTIONS - VIDEO CAPTURE PIN and change the resolution to 640 x 480.*

The Video screen is solid green

The camera needs more power then the USB 2.0 port is putting out. *The solution to this issue is to install a USB 2.0 powered hub on the computer. There is a powered hub supplied with each camera.*

The Video screen is solid grey

In some software applications this can indicate that the Hardware Accelerator is turned up to high. RIGHT CLICK on the desktop - PROPERTIES - SETTINGS - ADVANCED - TROUBLESHOOT - Adjust the Hardware Accelerator slide bar to the left.

The Video screen is solid black

The camera needs more power then the USB 2.0 port is putting out. *The solution to this issue is to install a USB 2.0 powered hub on the computer. There is a powered hub supplied with each camera.*

The IRIS camera is not chosen as the video source in the perferred software



Continue

Trouble Shooting the IRIS Camera

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Video is working but the camera will not capture

The camera is NOT installed as an Imaging Device in the device manager.
Check in the Device Manager that you have a NET_2860 Device under Imaging Devices. If you do not, check under Sound Video and Game Controllers in the Device Manager for an unknown USB Video Device or a PVR-TV-Device. Right click either of these devices and Update the Driver, in the Update Driver wizard use the Have Disk option to point the driver to Install_IRIS_Cam under your specific software.

The Capture driver is installed but has not been started.
Right click My-Computer, then Manage. Click on Services and Applications, then Services. Scroll down the services to the NET SERVICE 1.xx. Select start.

Installation & Troubleshooting notes:

Warranty, Tech Support & Repair Procedures

Digital Doc provides Free
Technical Support
at 1.800.518.1102

Digital Doc LLC agrees to guarantee parts and labor for each IRIS camera purchased by the doctor for the term of two years from the date of purchase, when used in accordance with manufacturer's instructions. In the event a product is returned by the dealer, or the end user, and the warranty has expired, Digital Doc LLC reserves the right to collect a reasonable fee from the end user for services mutually agreed upon.

Digital Doc LLC does agree to replace any defective camera, free of charge, during the first ninety (90) days from the date of purchase. After the first ninety (90) days, Digital Doc LLC, will repair under warranty the defective item and pay the shipping to return the repaired item to the customer. The customer will be responsible for shipping charges to Digital Doc. If the customer elects to ship the product three-day economy, Digital Doc LLC, will return-ship in the same manner. Further, if the customer elects to ship the product overnight, Digital Doc LLC will reciprocate in the same manner.

Digital Doc LLC will require the end user to phone the Technical Service Department at 800.518.1102. Please have your camera serial number ready prior to contacting Technical Support. Once the cause of the failure has been determined, Digital Doc LLC will issue a "Return Merchandise Authorization" (RMA) number to be written clearly on the outside of the package in which the item is shipped. Items shipped to Digital Doc LLC without the RMA written on the outside of the package will be returned to the customer at their cost. No items will be received for warranty or non-warranty work without the RMA number printed clearly on the package. All non-warranty repairs will need a credit card, or some form of payment prior to the repair work being authorized.

If your repair is deemed under warranty, Digital Doc LLC agrees to repair or replace the item, at Digital Doc's discretion. The item will then be shipped to the person, or persons whose name appears on the shipping label. All non-warranty repairs will be billed at \$135.00 (USD) per hour plus parts. All refusals to authorize non-warranty work will be subject to a one-hour minimum charge. Loaner units are not available.



IRIS

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