

# Setup Guide for Apteryx X-rayVision 3.x and 4.x

The Apteryx X-rayVision application can support the REALCLOUD HD1 camera button functionality in two different ways "Still Pin Capture" and "Video Stream Capture".

**Still Pin Capture** does not require the REALCLOUD HD1 camera button software utility to be installed. This function only supports a single camera button option. A camera button short press will save the current image from the live video window.

**Video Stream Capture** does require the REALCLOUD HD1 camera button software utility to be installed. This function supports a two camera button options. A camera button short press will save the current image from the live video window and a camera button long press will close the video acquisition screen.

#### XrayVision 3.x Still Pin Capture



1) Open XrayVision application, go to Tools and select Imaging Device Extensions.



 Select DirectVideo Capture and click the Edit Options button. If DirectVideo Capture is not listed go to Apteryx download website: <u>https://www.apteryx.com/updates</u>, download and install the DirectVideo Capture plug-in. The DirectVideo Capture plug-in is in the imaging devices category of the Apteryx download website.

**Note:** DirectVideoUpgrader.exe will not add the plug-in unless the user has right-clicked on the XrayVision Assistant application and ran it as an Administrator, and then entered the registration key for the software.

I	maging Device Extensions						
	Name	Status	Version Image Transfers Creator			IDDLL File	
	DirectVideo Capture	Ready	Version 10 (10.1.0.6), Apteryx, Inc.	Single and Multiple	Apteryx, Inc.	C:\Program	
	RTV Real Time Video Capture	Ready	Version 2.0 (Build 7) Apteryx, Inc.	Single and Multiple	Apteryx, Inc.	C:\Program	
	•				Þ		
	Edit Options		Diagnostics	Refresh		ОК	

3) Go to Video Options and select Still Pin and Other Video Sizes.





4) Select "I want to capture video from still pin" option, set the image size to 1920 x 1080 and click the OK button.

till Pin Capture And Video Sizes
Still Pin Capture
I want to capture video from the still pin
[1920 x 1080 ▼

- 5) With a patient selected click on the Capture Single Image button.
  - ø
- 6) Select DirectVideo Capture and click on the OK button to begin acquiring images.

Digital X-ray       Digital Image       Scanned X-ray       Scanned Image       Scanned Document       Misc       OK         Image Source:       Direct Video Capture <ul> <li>Cance</li> <li>Automatically Acquire</li> <li>CAuto Size&gt;</li> </ul> <ul> <li>Cance</li> <li>Cance</li> </ul>	×					
Image Source: Direct Video Capture  Cance	3					
Automatically Acquire <a>Auto Size&gt;</a>						
DIGITAL						
Resolution: 150						
<<						
Digital Image Captures images from a digital video device (e.g. digital camera) DirectVideo Capture Black and White 150 DPI Acquire without device's interface						

7) A short/quick camera button press, and release will save the current image from the live video window.



## XrayVision 3.x Video Stream Capture

1) Install the REALCLOUD HD1 camera button software utility. The installer is located on the REALCLOUD HD1 flash drive in the Button Software folder. Or REALCLOUD Website <a href="http://www.realcloudimaging.com/support/">http://www.realcloudimaging.com/support/</a>

Scroll down the Support Page to the Downloads Section. Click the "Capture Button Software" button. This will start downloading the Button-Tray-Utility.zip , once downloaded open the zip file and Install the REALCLOUD HD1 camera button tray utility software.

2) Select the Next button on the Welcome screen.





3) Select the install destination folder and click on the Install button.

Button Tray Utility 2.1 Setup	
Choose Install Location Choose the folder in which to install Button Tray Utility 2.1.	L
Setup will install Button Tray Utility 2.1 in the following folder. To install in a click Browse and select another folder. Click Install to start the installation.	different folder,
Destination Folder C:\Program Files (x86)\Button Tray Utility	B <u>r</u> owse
Space required: 39.6 MB Space available: 753.7 GB	
Button Tray Utility 2,1,6919,19922 — <a>  <a>  <a>Button Tray Utility 2,1,6919,19922 — <a>  <a>  <a>  <a>  <a>  <a>    <a>    <a>    &lt;</a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></br></a></br></a></br></a></br></a></a></a></a></a></a></a></a></a></a></a></a></a></a>	Cancel

4) Plug the REALCLOUD HD1 camera into the computer and click on the OK button to start the installation prosses.





5) Click on the Next button to continue.

🖌 Button Tray Utility 2.1 Setup	x
Installation Complete Setup was completed successfully.	S
Completed	
Show <u>d</u> etails	
Button Tray Utility 2.1.6919.19922 Can	



6) Select a reboot option (if prompted) and click on the Finish button.

Button Tray Utility 2.1 Setup	
Button Tray Utility 2.1 Setup	Completing Button Tray Utility 2.1 Setup Your computer must be restarted in order to complete the installation of Button Tray Utility 2.1. Do you want to reboot now?
	< Back Einish Cancel

7) Right click on the Button Tray Utility icon in your system tray and select Preferences.





- 8) Click In the first text box for Short Press Keys and press the "spacebar" key one time on your keyboard and leave the second text box for Short Press Keys blank.
- 9) Click In the text box for Long Press Keys and press the "~" key one time on your keyboard, then click on the Done button.

Preferences	$\times$			
Short Press Keys:				
Status Camera Registered Camera Streaming Button Click				
Done				



File       Patient       Database       TransIT       ArchiveIT       Tools       Window       Help         Image: Image	xv3 XVa3 - test, one	
Image: Second	File Patient Database TransIT ArchiveIT	Tools Window Help
TWAIN Devices         Imaging Device Extensions         Sensor Utilities         Video Devices         Foot Pedal Activations         dataTAGs         Other Applications		Options Customize Toolbar Advanced Options Lightbox Layout Definitions Ctrl+Shift+L Colorize Colors Spot Enhancement Sensitivity
Video Devices		TWAIN Devices Imaging Device Extensions Sensor Utilities
		Video Devices  Foot Pedal Activations dataTAGs Other Applications

10) Open XrayVision application, go to Tools and select Imaging Device Extensions.



11) Select DirectVideo Capture and click the Edit Options button. If DirectVideo Capture is not listed go to Apteryx download website: <u>https://www.apteryx.com/updates</u>, download and install the DirectVideo Capture plug-in. The DirectVideo Capture plug-in is in the imaging devices category of the Apteryx download website.

**Note:** DirectVideoUpgrader.exe will not add the plug-in unless the user has right-clicked on the XrayVision Assistant application and ran it as an Administrator, and then entered the registration key for the software.

I	maging Device Extensions					
	Name	Status	Version	Image Transfers	Creator	IDDLL File
	DirectVideo Capture	Ready	Version 10 (10.1.0.6), Apteryx, Inc.	Single and Multiple	Apteryx, Inc.	C:\Program
i.	RTV Real Time Video Capture	Ready	Version 2.0 (Build 7) Apteryx, Inc.	Single and Multiple	Apteryx, Inc.	C:\Program
	<				Þ	
	Edit Options		Diagnostics	Refresh		ОК

12) Go to Video Options and select Still Pin and Other Video Sizes.



13) Select "I want to capture video from standard video stream" option, set the image size to 1920 x 1080 and click the OK button.





14) With a patient selected click on the Capture Single Image button.



15) Select DirectVideo Capture and click on the OK button to begin acquiring images.

Capture Image						
Digital X-ray	Digital Image Scanned X-ray Scanned Image Scanned Document Misc	OK				
	Image Source: DirectVideo Capture	Cancel				
	Automatically Acquire <auto size=""></auto>					
	Resolution: 150					
<b>D</b> 10		<< Less				
Description Digital Image Captures images from a digital video device (e.g. digital camera) DirectVideo Capture Black and White 150 DPI Acquire without device's interface						

16) A short/quick camera button press, and release will save the current image from the live video window. A long camera button press, hold (2 second), and release will close the video acquisition screen.



#### XrayVision 4.x Still Pin Capture

1) Open XrayVision application, go to Tools and select Hardware Options.



2) Select Imaging Devices page, select DirectVideo Capture and click the Edit Options button. If DirectVideo Capture is not listed go to Apteryx download website:

<u>https://www.apteryx.com/updates</u>, download and install the DirectVideo Capture plug-in. The DirectVideo Capture plug-in is in the imaging devices category of the Apteryx download website.

W Hardware Preferences					
Sensors Sensor hardware and preferences. Imaging Devices Imaging device extensions and options.	Imaging Devic	es and options.			^
Direct Capture Devices	IDDLL Options				
TWAIN Devices	Name	Status	Version	Image Transfers	c
TWAIN/Scanner devices and options.	DirectVideo Capture	Ready	Version 10 (10.1.0.1), Apteryx, Inc.	Single and Multiple	4
Footpedal options and settings.	Edit Options  Select Video Device	III Refresh			Þ
	Select the video source that sho	ould be used with this con	nputer		
	Real-Time Video     Quick-Cam Video				
	Direct Video Capture: Capt recommended video captur	tures video via DirectX vi re selection.	deo sources. This is the		
					-
	1			ОК	Cancel



3) Go to Video Options and select Still Pin and Other Video Sizes.

DirectVideo		
Video Devices	Video Options Images Capture Buttons	Ab
Capture	Advanced Options	۲.
	Still Pin And Other Video Sizes	
Done	Video Capture	
	Video Capture Pin	

4) Select "I want to capture video from still pin" option, set the image size to 1920 x 1080 and click the OK button.

Still Pin Capture And Video Sizes	
Still Pin Capture	
I want to capture video from the still pin	
1920 x 1080	•

5) With a patient selected click on the Capture Video Image button.

Ø	
Capture Video	
Ci	apture Video Image

6) A short/quick camera button press, and release will save the current image from the live video window.



## XrayVision 4.x Video Stream Capture

1) Install the REALCLOUD HD1 camera button software utility. The installer is located on the REALCLOUD HD1 flash drive in the Button Software folder. Or REALCLOUD Website <a href="http://www.realcloudimaging.com/support/">http://www.realcloudimaging.com/support/</a>

Scroll down the Support Page to the Downloads Section. Click the "Capture Button Software" button. This will start downloading the Button-Tray-Utility.zip , once downloaded open the zip file and Install the REALCLOUD HD1 camera button tray utility software.

- Button Tray Utility 2.1 Setup
   Welcome to Button Tray Utility 2.1
   Setup will guide you through the installation of Button Tray
   Utility 2.1.
   It is recommended that you close all other applications
   before starting Setup. This will make it possible to update
   relevant system files without having to reboot your
   computer.
   Cick Next to continue.
- 2) Select the Next button on the Welcome screen.



3) Select the install destination folder and click on the Install button.

Button Tray Utility 2.1 Setup	
Choose Install Location Choose the folder in which to install Button Tray Utility 2.1.	L
Setup will install Button Tray Utility 2.1 in the following folder. To install in a click Browse and select another folder. Click Install to start the installation.	different folder,
Destination Folder C:\Program Files (x86)\Button Tray Utility	B <u>r</u> owse
Space required: 39.6 MB Space available: 753.7 GB	
Button Tray Utility 2,1,6919,19922 — <a>  <a>  <a>Button Tray Utility 2,1,6919,19922 — <a>  <a>  <a>  <a>  <a>  <a>    <a>    <a>    &lt;</a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></br></a></br></a></br></a></br></a></a></a></a></a></a></a></a></a></a></a></a></a></a>	Cancel

4) Plug the REALCLOUD HD1 camera into the computer and click on the OK button to start the installation prosses.





5) Click on the Next button to continue.

Button Tray Utility 2.1 Setup	-	
Installation Complete Setup was completed successfully.		C
Completed		
Show <u>d</u> etails		
Button Tray Utility 2,1,6919,19922		
	< <u>B</u> ack Ne	ext > Cancel



6) Select a reboot option (if prompted) and click on the Finish button.

Button Tray Utility 2.1 Setup	
	Completing Button Tray Utility 2.1 Setup Your computer must be restarted in order to complete the installation of Button Tray Utility 2.1. Do you want to reboot now?
	<ul> <li>Reboot now</li> <li>I want to manually reboot later</li> </ul>
	< Back Finish Cancel

7) Right click on the Button Tray Utility icon in your system tray and select Preferences.





- 8) Click In the first text box for Short Press Keys and press the "spacebar" key one time on your keyboard and leave the second text box for Short Press Keys blank.
- 9) Click In the text box for Long Press Keys and press the "~" key one time on your keyboard, then click on the Done button.

Preferences X					
Short Press Keys:					
Long Press Keys: ~					
Status					
Camera Registered					
Camera Streaming Button Click					
Done					

10) Open XrayVision application, go to Tools and select Hardware Options

×v Xra	ayVision	-					
File	Patient	Database	DICOM	TransIT	Tools	) Window Help	
P				pla pla	N	Options	
	<u> </u>			4		Options Management	•
Pa	tient	Open	Save	P	H	Hardware Options	
X					J	Customize Toolbar	
						Toolbar/Toolbox Button Sizes	×



11) Select Imaging Devices page, select DirectVideo Capture and click the Edit Options button. If DirectVideo Capture is not listed go to Apteryx download website:

<u>https://www.apteryx.com/updates</u>, download and install the DirectVideo Capture plug-in. The DirectVideo Capture plug-in is in the imaging devices category of the Apteryx download website.

W Hardware Preferences					
Sensors Sensor hardware and preferences. Maging Devices Imaging device extensions and options.	Imaging Devic	es and options.			
Direct Capture Devices	IDDLL Options				
X TWAIN Devices	Name	Status	Version	Image Transfers	с
TWAIN/Scanner devices and options.	DirectVideo Capture	Ready	Version 10 (10.1.0.1), Apteryx, Inc.	Single and Multiple	A
Footpedal Options Footpedal options and settings.	Edit Options      Select Video Device      Select the video source that sho	III Refresh	nputer		•
	DirectVideo     Real-Time Video     Quick-Cam Video     Direct Video Capture: Capture     recommended video capture	tures video via DirectX vi re selection.	ideo sources. This is the		
				ОК	Cancel

12) Go to Video Options and select Still Pin and Other Video Sizes.

DirectVideo				
Video Devices	Video Options In	nages	Capture Buttons	Ab
Capture	Advanced Op	tions		•
	Still Pin And (	Other V	ideo Sizes	
Done	Video Capture	e		
	Video Captur	e Pin		



13) Select "I want to capture video from standard video stream" option, set the image size to 1920 x 1080 and click the OK button.



14) With a patient selected click on the Capture Video Image button.



15) A short/quick camera button press, and release will save the current image from the live video window. A long camera button press, hold (2 second), and release will close the video acquisition screen.