QuickStart Guide for EyeSee360 PhotoWarp 2.5.6

1 INSTALL PHOTOWARP
Insert the PhotoWarp CD into your computer and run the installer. If you are on PC with Windows XP, you may need to install .NET Framework and QuickTime which are on this CD. When Installation is done, please restart your computer.

PhotoWarp Installer

2 OPEN YOUR GOPANO CASE
Lay down your GoPano cannister on a table and with one hand, grab the bottom while your other hand unsnaps the tabs. There is a video on the CD: Open GoPano.mov that you can watch for help, or look at the following page.

Opening the GoPano case
Table top method

3 TUTORIAL CD with VIDEO
Disc Two of your PhotoWarp package is a Tutorial CD. On this CD you have a folder called Sample Images. Drag this folder to the desktop of your Mac or PC. These images will be needed to teach you how PhotoWarp works.

Sample Images

PhotoWarp Video Tutorials

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What is PhotoWarp?

PhotoWarp is a an easy to use, drag and drop panoramic software program for the Mac or PC. It allows you to process one-shot panoramic images from EyeSee's GoPano and the Kaidan 360 One VR.

PhotoWarp supports other one shot optics such as RemoteReality, BeHere, 0-360 and the EGG.

If you hate to read manuals, this Quick Start guide is for you. This step-by-step guide will allow you to get up to speed and understand how to use PhotoWarp with your one-shot 360 optic in under an hour.

System Requirements

PhotoWarp (the CD enclosed) has installers for both the Macintosh and Windows operating systems. Below are the suggested minimum hardware and system component requirements;

Macintosh
- G3, G4, or G5
- 512MB of RAM or more
- Mac OS 10.3, 10.4, or 10.5 (LEOPARD)
- QuickTime 7 or better*

Windows
- Windows XP Home or Pro, Windows VISTA
- 512 of RAM or more
- QuickTime 7 or better*
- .NET Framework*

*Complete installer for .NET framework and QuickTime are on the PhotoWarp CD.

**Note if you lose your installer CD, you can download PhotoWarp from the EyeSee360.com Website. Be sure to write down your license key below for safe keeping. You will find your license key on the CD-ROM packaging that came with your PhotoWarp disc.

My PhotoWarp License Key

Run Your Installer

PhotoWarp can be installed from the CD or you can download PhotoWarp from the EyeSee360.com website. Be sure you have your License Key # before you download it from the website. You are authorized (1) copy of PhotoWarp for (1) computer. For additional licenses, please contact us @ support@EyeSee360.com

Installation for Windows

PhotoWarp requires the .NET framework and Quick-Time 7 to be installed on your PC before PhotoWarp installation can run. These installers are on your CD. If you run into difficulty installing PhotoWarp onto your PC, you can go to your My Computer > The open your CD-ROM and select the installers manually. Please RESTART your PC after you install .NET Framework, QuickTime and PhotoWarp. If you are still running into installation problems, please see our Support page on our website at www.EyeSee360.com

Installation for Macintosh

PhotoWarp can be used on Intel and Non-intel computers including G3, G4 and G5 models. We recommend you upgrade your Mac to the latest version of QuickTime 7.X.

Look for Shutterbug Sam

The RED CAMERA indicates a critical function in order to avoid a mistake. Be sure to read these steps very carefully.

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A

First Time Set Up

When you launch PhotoWarp for the first time, you will be prompted to tell it how your GoPano is connected to your camera.

A

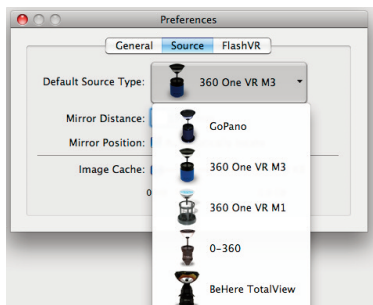You have a few options.

CHOOSE NONE: Step Ring Only
If you have a Nikon Canon, Kodak, Olympus Sony or other point and shoot camera with a step ring and/or an adapter tube connecting your GoPano to directly to your camera.

CHOOSE SLR Bracket
If your camera cannot connect to your GoPano optic. This includes SLR Digital Cameras such as the nikon D50, D80, D100 and the Canon EOS line of cameras, too.

Mirror Distance
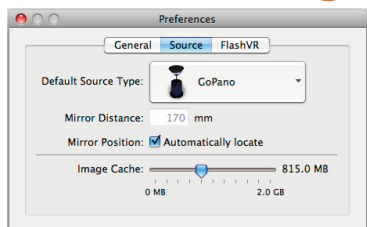Set your mirror distance to 170mm.

B

B

Choose Optic
If you have the GoPano (black optic) choose GoPano (2nd icon down in pull down menu)

If you have the BLUE Kaidan 360 One VR optic, choose the top icon: 360 One VR M3.

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SLR Bracket

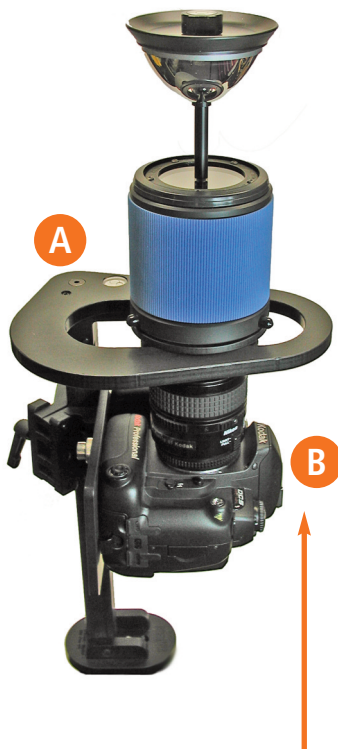The image shown (right) shows the Kaidan 360 One VR attached to the Kaidan SLR Bracket.

Your SLR camera glides up and down on the plate so the lens of your camera is close to the optic and can focus on the mirror.

The GoPano optic will attach to the Kaidan SLR Bracket in the same manner as the Kaidan 360 One VR optic.

SLR Bracket

If you have the Kaidan SLR Bracket, select this option when you run your installer or initial set up of PhotoWarp.

Slide Camera UP

Your GoPano Optic or Kaidan (blue) One VR mounts securely on the top ring (A).

You mount your camera onto the quick release plate (B) and slide the camera up so that your lens gets close to the bottom of the GoPano or Kaidan One VR optic.

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Launch PhotoWarp

When you launch PhotoWarp you will be prompted to drag and drop your 360 images from your camera into the main window.

The image appears in the main window. A circle indicates the position of the mirror in the image. If the circle appears with a Green color the mirror was automatically located. A Yellow or Red circle means the automatic location may be incorrect. You can manually position the circle over the mirror by dragging. The circle will appear Blue when positioned manually.

NOTE: ON WINDOWS, the CENTER DOT IS BLUE NOT WHITE.

For Mac Users, go to the menu: View > Preview

For PC Users, go to the menu: View > Show Preview

Note the smaller floating window now appears. This allows you to SEE your panoramic images and correct mistakes before we UN-WARP them.
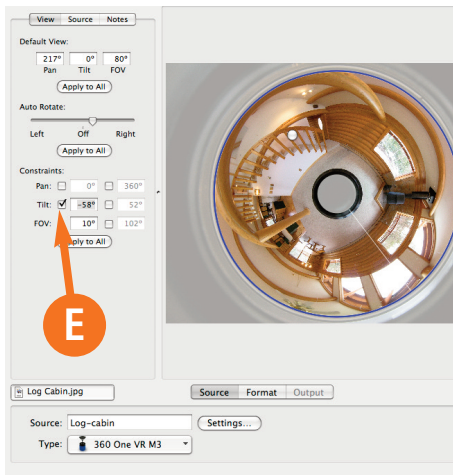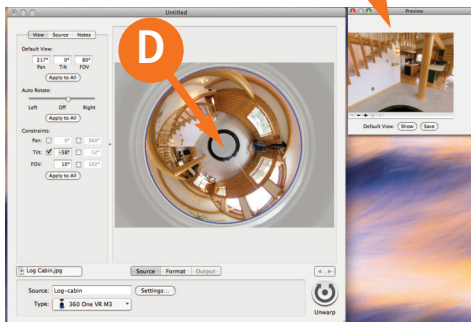
Locating the Mirror (IMPORTANT)

(D) The center dot or mask should be centered on the mirror, and the blue circle* should touch the edge of the mirror, not the sunshade or housing. Drag in the middle to re-center, drag the blue circle (or use the mouse wheel) to change the diameter to match the mirror.

This should be done before adjusting the tilt constraint. (E)

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Calibrating Images

E

If you see a partial black eclipse on the bottom in the (E) Preview Window, you need to adjust the Tilt setting and/or pull in the outer circle (F).

F

You do this by placing a check mark on the LEFT tilt check box and entering in a number typically -47 to -52. Note the circle in the center enlarges or contracts depending on the number you insert.
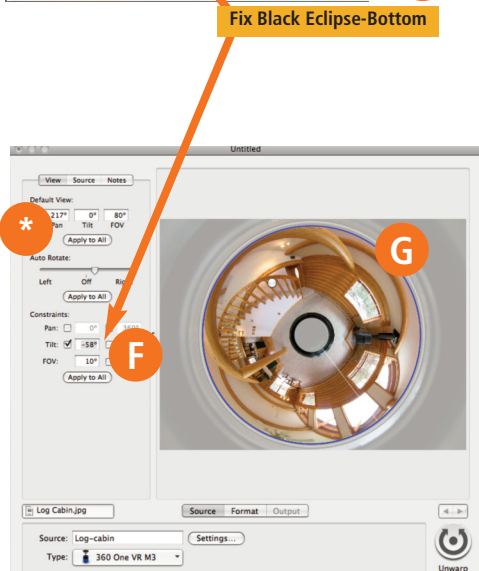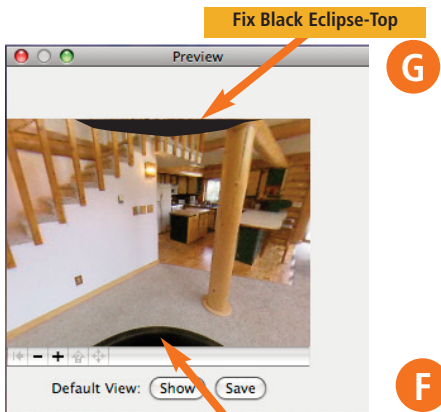
You only need to barely cover the black stem so do NOT make your dot too big or too small.

F

Adjust (F) as necessary. You want to crop the mirror so that you do not see any black on the Preview window.

G

Fixing the top eclipse.
If you see any black in the top portion of your Preview window, then you have to adjust your outside circle (G) so that it trims the image and does not cut into the black part.

You want to trim the circle to define the image on the GoPano mirror and the black cap. Pull the circle in toward the center until your Preview window no longer shows the black eclipse in the top.

*

Set the Auto Rotate
Slide the Auto Rotate slider either LEFT or RIGHT and you will see your panoramic tour slowly spin inside the Preview window. If you do not see any black eclipse in the top or bottom of your Preview window, then you finished panorama will look good when you unwrap them.

Fix Black Eclipse-Top

G

F

Fix Black Eclipse-Bottom

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File Formats for 360 Panoramas

PhotoWarp supports a wide range of file formats for you to enjoy your 360 panoramic images.
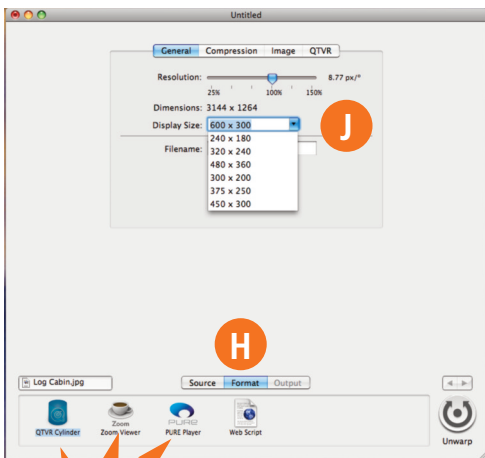
QuickTime VR
Java Zoom Viewer
Java PT GUI
Java Pure Player (ivp)**
Flash VR

To select a format you might like, go down to the bottom of the Photo-Warp Job Window and you will see three tabs: Source Format and Output. Output is normally grayed out until after you've output your job.

Next go to your Format Menu then choose the format you want.

You can delete formats from the job by clicking in the icon in the tray and choosing Format > Remove Format (or by using the Delete key).

Make sure your resolution slider bar is set to 100% then select your dimensions of your 360 panorama (output size). You can even TYPE in a size you like instead of using the pull down menu such as 600 X 300 or 600 X 450.

** Pure Player supports Flash and Java. When in PhotoWarp only the Java version will show up, but on your web site it will default to Flash first.
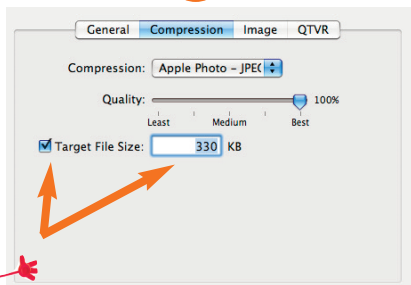
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QTVR Cylinder (example)

If you selected QTVR Cylinder (most popular) as part of (I) and (H), next click Compression in the tabs above (K).

Selecting 50%-100% for the slider bar will create great results. If you want a consistent size for all saved panoramas, you can set the size you want and click the box Target File Size.

K

| General | Compression | Image | QTVR |

Compression: Apple Photo – JPEG

Quality: 100%
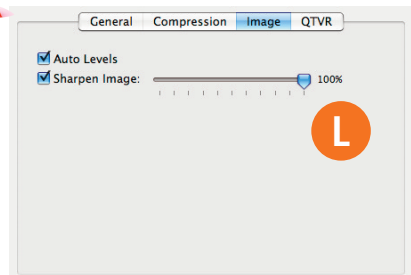Least Medium Best

☑ Target File Size: 330 KB

IMPORTANT ALERT!

Shutterbug Sam says be careful. If you set the Target File Size with a size too small, your tours may come out grainy or pixilated. Try saving your panorama without checking the Target File Size Box if you do not have any issues with file size restrictions.

L

| General | Compression | Image | QTVR |

☑ Auto Levels
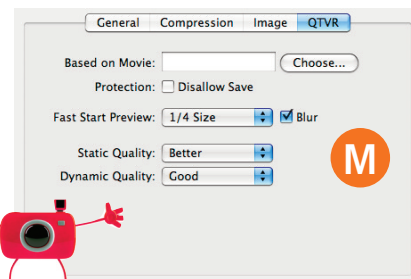☑ Sharpen Image: 100%

QTVR Cylinder (cont.)

Next, select Image tab and you should experiment with checking off Auto Levels and Sharpen image. This automatically will adjust the levels of your panoramas and Sharpen them. It's a good idea to select 100% for best quality, too.

M

| General | Compression | Image | QTVR |

Based on Movie: [   ] Choose...
Protection: ☐ Disallow Save
Fast Start Preview: 1/4 Size ☑ Blur
Static Quality: Better
Dynamic Quality: Good

QTVR Cylinder (cont.)

The last tab QTVR has some special features for web designers. If your client does not want visitors to the website to SAVE the QTVR panorama to the users' computers place a check mark in the Protection box -- Disallow Save. This prevents anyone from saving copies of the panorama from the website.

IMPORTANT ALERT!

Shutterbug Sam says this is not 100% fool proof. There are now media extraction plug ins you can add to FireFox and Mac users with safari can option click to download any media contained in web pages, so the Disallow Save is not hack proof.
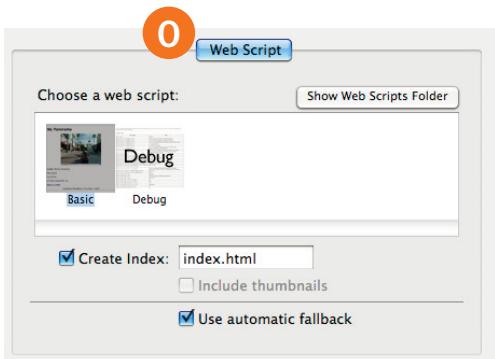
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Panoramas and HTML

PhotoWarp allows users to automatically EMBED your finished panoramas into an HTML page. This is ideal if you are going to burn the files and 360 panoramas onto a CD-ROM or host them on a website.

To show how your panorama will look inside a simple web page, go to File > Format > Add format > Web Script. (O)
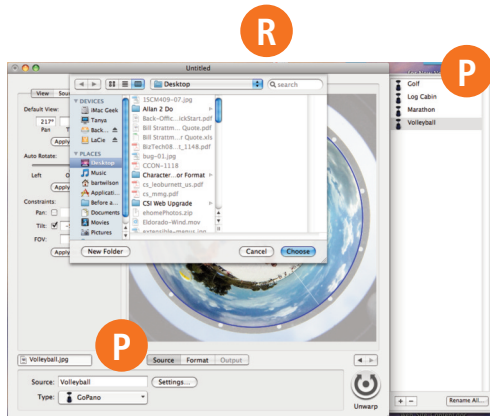
IMPORTANT TIP

Some knowledge of HTML editing skills will be required to link your panoramas to maps, create hot spots and more interactive features. Please watch the videos on the PhotoWarp Tutorial Disc 2.

Ready... Set... UNWARP

Most digital cameras will save your images as DSC123456.jpg something. Its a good idea to RENAME your images to plain English names like log-cabin for example. (P)

If you have multiple images, click on each one, and rename them (P). Then when you click UNWARP (Q), all of your images will be batched processed and saved. There's also a Rename All command that appears here as well.

When you click UNWARP (Q) it will prompt you for WHERE you want to save them. We suggest creating a folder on your desktop and saving them there. (R) This makes it easy to locate your final, processed panoramas.

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Where to Get More Help...

EyeSee360 is dedicated to helping you create great panoramas. Our tools are simple to use and affordable to own.

If you want to learn a lot more about how to use our products with other cameras or how to start making money by shooting virtual tours for real estate... we invite you to join our online forum. It's easy and its free.

Just visit our website at EyeSee360.com and click the forum tab. Create a username and a password and join our community.

You'll find lots of people and plenty of answers to your questions about panoramic photography from people who've already been there and done that.