

## Start Step

The Start Step helps you set up your project. Select a command for more information:

- New Project
- Open Project
- Save Project
- Select Files
- Acquire



## Select Files

Opens a dialog box so you can browse for and select the files you want to use to create a panoramic image.

### Related info:

[Selecting images](#)

[Select Files dialog box](#)

[Acquiring images](#)



## **New Project**

Creates a new Ulead COOL 360 panorama project (\*.UPJ).

### **Related info:**

 [Panorama Wizard Step](#)  


## Open Project

Opens an existing project (\*.UPJ) into the Ulead COOL 360 workspace.

### Related info:

 [Open Project dialog box](#)

 [Opening an existing project](#)



## Save Project

Saves your project file (\*.UPJ) for further editing at a later date. This does not create and save a panoramic image.

### Related info:

 [Saving a project](#)

 [Exporting panoramas](#)

## Acquire

Acquires, gets or captures an image from a digital camera, camcorder, scanner or other device to your computer.

### Related info:

 [Acquiring images](#)



## Adjust Step

The Adjust Step lets you control many aspects of your photos. Select a command for more information:

- [Rotate](#)
- [Perspective](#)
- [Hue](#)
- [Saturation](#)
- [Brightness](#)
- [Contrast](#)
- [Undo](#)
- [Redo](#)
- [Reset](#)
-

## Perspective

Tilts an image to lean towards (forward) or away (backward).

### Related info:

 [Changing an image's perspective](#)  


## Rotate

Rotates or aligns an image.

### Related info:



[Rotating an image](#)



[Changing an image's perspective](#)



## Hue

Adjusts the color of an image in relation to its red, green, and blue (RGB) values.

### Related info:

 [Adjusting color - Hue](#)

 [Adjusting saturation](#)



## Saturation

Adjusts the intensity of color in an image.

### Related info:

 [Adjusting color - Hue](#)

 [Adjusting saturation](#)



## Brightness

Adjusts the brightness of an image.

### Related info:

 [Adjusting brightness](#)

 [Adjusting contrast](#)



## Contrast

Adjusts the contrast, or difference, between light and dark areas in an image.

### Related info:

-  [Adjusting contrast](#)
-  [Adjusting brightness](#)
- 

## Undo

Undoes, or reverses, the last command.

**NOTE:** The Undo command does not work if you have: 1) Changed Camera Lenses (Setting button) or 2) returned to the Start Step and rearranged or added images.

### Related info:

 [Adjust Step](#)



## Redo

Redoes, or reapplies, the last command that was undone.

**NOTE:** The Redo command does not work if you have: 1) Changed Camera Lenses (Setting button) or 2) returned to the Start Step and rearranged or added images.

### Related info:

 [Adjust Step](#)



## Reset

Restores an image back to its original form, canceling any adjustments that you have made.

**NOTE:** The Reset command does not work if you have: 1) Changed Camera Lenses (Setting button) or 2) returned to the Start Step and rearranged or added images.

### Related info:

 [Adjust Step](#)



## Finish Step

The Finish step gives you many options for saving, sharing, and sending your projects. Select a command for more information:

- **Save** Saves the project as a panoramic image.
- **E-mail** Send the image and viewer electronically.
- **Web** Post the image to your Web site.
- **Screen Saver** Use the image as a Windows screen saver.
- **Print** Use your printer to make a hard copy of your image.
- **Copy** Use the image in another application, such as a word processor.
- **Export** Export the panorama in a special format for increased versatility.
-

## Save

Saves your panoramic image file. Possible file formats are **BMP**, **JPG**, **PNG**, and **TIF**. In addition, a small **UVR** file is also saved if you are creating a 360° panorama. This file contains information necessary to view your panorama and can be double-clicked to open the panoramic image. If you have installed QuickTime 3.0 (included in the CD version), you can also create **MOV** files.

### Related info:

 [Saving a project](#)

 [File formats](#)

 [Exporting panoramas](#)



## E-mail

Sends your image to a friend by e-mail. This process automatically launches your default mail client and starts a new message with your image inserted as an attachment.

### Related info:

 [Sending a panorama by e-mail](#)



## Web

Creates a skeleton HTML Web page with your panoramic image on it. This file, along with the associated image, can be modified further in any HTML editor and posted to your Web site.

### Related info:

 [Posting a panorama to the Web](#)



## Screen Saver

Saves your project as a special panoramic screen saver.

### Related info:

 [Creating a screen saver](#)



## Print

Prints the selected project or image. A dialog box opens, allowing you to set up how the image will be printed.

### Related info:

 [Printing panoramas](#)

## Copy

Copies the selected image to the Windows Clipboard. This data can then be pasted (Ctrl+V) into another application, such as a word processor or PowerPoint presentation.

### Related info:

 [Exporting panoramas](#)  


## Export

Saves or creates a self-executable (\*.EXE) file that can contain your image and the Viewer in one package. This file can be double-clicked to automatically extract the contents (an \*.UVR file and a \*.JPG image) to a folder on the Windows desktop and then open the image in the Viewer.

### Related info:

 [Exporting panoramas](#)



## Minimize

Shrinks, or minimizes, the Ulead COOL 360 workspace.

### Related info:

 [Program map](#)  


## Quit

Exists, or closes, Ulead COOL 360.

### Related info:

 Program map  


## Help

Runs Ulead COOL 360 help. You can also press F1 to run the Help.

### Related info:

 [Introduction](#)



## Scroll - Vertical

Moves the workspace (viewing area) up and down.

### Related info:

 [Program map](#)



## Scroll - Horizontal

Moves the workspace (viewing area) left and right.

### Related info:

 [Program map](#)



## Viewer

Launches the Ulead COOL 360 Viewer to display your image.

### Related info:

 [Viewing panoramic images](#)



## Settings

Opens a dialog box allowing you to modify the program's preferences, camera lens type used, and other project settings.

### Related info:

 [Settings dialog box](#)



## Workspace

This is where you change, modify and view your project images.

### Related info:

 [Program map](#)  


## Options panel

All of the tools and controls appear on this panel, which changes depending on the Step that is active (Start, Adjust or Finish).

### Related info:

 [Program map](#)  


## Ulead Web Site

Click to connect to the Ulead Systems Web site for information, updates, tips, and tricks.

### Related info:

 [Program map](#)  


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### Select Files dialog box

- **Folder list** Browse your computer for the folder that contains your images.
- **File list** Lists the image files contained in the selected folder.
- **Preview** Displays a thumbnail preview of the image selected in the File list window.
- **Add** Adds the image or range of images selected in the File list window to the project.
- **Add All** Adds all of the files in the selected folder to the project.
- **Remove All** Removes all of the files from the project.

### Selected files preview window

- **Preview** Displays a thumbnail of selected individual images which may be added to your project.  
(The following are the buttons immediately below the preview window area that contains thumbnails of images that have already been added to your project.)
- **Remove** Removes images that have already been added to a project.
- **Rotate** Rotates the selected image by 90°.
- **Rotate all** Rotates all of the images in the project by 90°.
- **Reverse** Reverses the order of the entire image sequence. If you have highlighted a specific image, that image will be used as the pivot point for the sequence reversal.
- **Zoom buttons** Shrinks or enlarges the thumbnails.
  
- **OK** Returns to the main program window with the new files added.
- **Cancel** Cancels the Select Files procedure, closes the dialog box, and returns to the main program.
- **Help** Displays a help topic about the dialog box.

### Related info:

- [Selecting images](#)
- [Acquiring images](#)
- [New Project Wizard – Step 3](#)
-

## New Project Wizard – Step 1 of 3

This dialog box can be found by clicking **Start step: New Project**.

 **Project type** Select a type of project. The samples in the dialog box provide visual representations of each type.

\* **Full 360° panorama** A complete, circular image. Requires a special viewer (included in the program).

\* **Wide angle image** A long panorama that does not extend through a full circle.

 **Project name** Enter a name for your project file.

 **Location** Enter a location for your project or click the Browse button.

\* **Browse** Click to select a location to save your project.

 **Description** Enter a brief description of your project (optional).

 **Next** Advances the Wizard to the next step (Step 2).

 **Cancel** Cancels the Wizard, closes the dialog box, and returns to the main program.

 **Help** Displays a help topic about the current dialog box.

### Related info:

 [Creating a new project](#)

 [New Project Wizard – Step 2](#)



### New Project Wizard – Step 2 of 3

- **Folder list** Browse your computer for the folder that contains your images.
- **File list** Lists the image files contained in the selected folder.
- **Preview** Displays a thumbnail preview of individual images selected in the File list window.
- **Add** Adds the image or range of images selected in the File list window to the project.
- **Add All** Adds all of the files in the selected folder to the project.
- **Remove All** Removes all of the files from the project.
- **Acquire** Runs your camera or scanner software to download images from that device directly into a project.

### Selected files preview window

**Note:** This window will only appear at the bottom of the dialog box **after** you have selected an image.

- **Preview** Displays a thumbnail preview of an image that can be added to a project.  
(The following are the buttons immediately below the preview window area that contains thumbnails of images that have already been added to your project.)
- **Remove** Removes images that have already been added to a project.
- **Rotate** Rotates the selected image by 90°.
- **Rotate all** Rotates all of the images in the project by 90°.
- **Reverse** Reverses the order of the entire image sequence.
- **Zoom buttons** Shrinks or enlarges the thumbnails.
  
- **Back** Returns the Wizard to the previous step (Step 1).
- **Next** Advances the Wizard to the next step (Step 3).
- OR-
- **Cancel** Cancels the Wizard, closes the dialog box, and returns to the main program.
- **Help** Displays a help topic about the current dialog box.

### Related info:

- [Creating a new project](#)
- [Acquiring images](#)
- [New Project Wizard – Step 3](#)
-

### New Project Wizard – Step 3 of 3

- Info box** Displays brief tips on how to select a lens.
- Preview** Displays a preview of how a project will look with the selected lens.
- Stitching options:** Select one of the following options for your opened panorama project
  - \* **Disable warping** Select to disable the distortion effect used to make the image appear three-dimensional.
  - \* **Disable blending** Select to stop the program from merging the overlapping portions of two images.
- Camera lens** Select your camera or lens from the list. More lenses are available online, or you can pick one that is similar to yours.
- Back** Returns the Wizard to the previous step (Step 2).
- Finish** Creates the project and continues to the Adjust Step for editing.
- Cancel** Cancels the Wizard, closes the dialog box, and returns to the main program.
- Help** Displays a help topic about the current dialog box.

### Related info:

- [Creating a new project](#)
-

### Open Project dialog box

- **Look in:** and **Navigation** buttons are used to browse for your project.
- **File list** Displays a list of project files (\*.UPJ).
- **File name** Displays the name of the selected file.
- **Files of type** Displays the type of files listed (\*.UPJ).
- **Recent files** Displays a list of the most recently used projects.
- **Project information** Displays a brief summary of the selected project's settings.
- **Open** Opens the project and returns to the main program for editing.
- **Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.
- **Edit** Allows you to change the type of project and its description.
- **Help** Displays a help topic about the current dialog box.

### Related info:

- [Opening an existing project](#)
-

### **Edit Project dialog box**

- **Project Type:** Select one of the following options for your opened panoramic project.
  - \* **Full 360° panorama** Click this type, COOL 360 will edit your project as a full 360 degree panoramic image.
  - \* **Wide angle image** Click on this type, COOL 360 will edit your project as a wide angle image (without warping).
- **Description** Enter a brief description of your project (optional).
- **OK** Applies the changes you have made to the current project.
- **Cancel** Cancels the procedure, closes the dialog box, and returns to the preceding dialog box.
- **Help** Opens a help topic on the current dialog box.

### **Related info:**

- [Opening an existing project](#)
-

### Acquire dialog box

- **Select source** Choose the device from which you want to directly capture images.
- **Folder to save images** Select a folder to which you want to save acquired images.
- **File name prefix** Displays the *prefix* of the files you will capture. So if you use **PICT**, then the images captured will be named **PICT001**, **PICT002**, **PICT003**, etc., according to the sequence in which they are captured.
- **File format** Displays the types of files that can be created (**.BMP**, **.JPG**, **.PNG**, **.TIF**).
- **Acquire** Opens your acquisition software to begin capturing images.
- **Close** Cancels the procedure, closes the dialog box, and returns to the main program.
- **Browse** Allows you to locate a folder to save your images to. The selected folder is displayed in the **Folder to save** box.
- **Help** Opens a help topic on the current dialog box.

### Related info:

- [Acquiring images](#)
-

### Save As dialog box

- **Save in:** and **Navigation** buttons are used to browse for a folder to save to.
- **File list** Displays a list of files in the selected folder.
- **File name** Enter the name of the file you want to save.
- **Save as type** Select the type of files you want to save (\*.UPJ for a panorama project or \*.BMP, \*.JPG, \*.PNG, \*.TIF and \*.MOV for panoramic images).
- **Save** Saves your panorama under the selected file name and format.
- **Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.

### Related info:

- [Saving a panorama](#)
-

#### **E-mail dialog box**

- Attach viewer** Select to include the viewer with the image in a single self-extractable .EXE file.
- Send** Runs your default mail client and creates a new message with the panorama and viewer attached.
- Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.
- Help** Opens a help topic about the current dialog box.

#### **Related info:**

- [Setting up your e-mail program](#)
- [Sending a panorama by e-mail](#)
-

### Web dialog box

- **File name** Enter a name for your HTML file.
- **Output folder** Select a location for your panorama and HTML file.
- **Browse** Click to find a location to save your Web page.

### HTML content

- **Title** Enter a title for the Web page.
- **Preview** Runs your default browser to display the page.
- **Panorama Window Size** Enter the size of the panorama within the Web page.
- **Code window** Displays the actual code from the Web page. Cut and paste this text into your favorite Web page editor.
- **OK** Creates the HTML file in the selected folder.
- **Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.
- **Help** Opens a help topic on the current dialog box.

### Related info:

- [Posting a panorama to the Web](#)
-

### Export dialog box

- **File name** Enter a name for your packaged panorama file.
- **Output folder** Select a location for your packaged panorama file.
- **Attach viewer** Select to include the viewer with the image in one file.
- **OK** Creates the packaged panorama file in the selected folder.
- **Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.
- **Browse** Search for a folder in which to save the panorama file.
- **Help** Opens a help topic.

### Related info:

- [Exporting panoramas](#)



## Settings dialog box

 **Camera Lens tab**

 Stitch tab

 Preferences tab

 **Preview window** Displays a rough draft of your panorama with the selected lens.

**Preset tab** Select a preset lens or camera from the list.

 **Download** Get new lenses or camera settings from the Internet.

 **Delete** Delete a preset lens or camera from the list.

**Custom tab** Manually enter your lens settings.

 **Film format** Select the type of film format that your camera emulates.

 **Focal length** Select the focal length of your lens (often printed on the lens).

 **Portrait field of view** Select field of view in degrees (°). Portrait images are longer top to bottom than left to right. Usually, the camera is turned sideways for a portrait shot.

 **Landscape field of view** Select field of view in degrees (°). Landscape images are longer left to right than top to bottom. This is the standard shot for most cameras.

 **Preview** Click to see the settings applied to your panorama.

 **Save** Click to save these settings.

 **OK** Saves your settings and returns to the main program.

 **Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.

 **Help** Opens a help topic about the current dialog box.

 **About** Displays information about this program.

## Related info:

 [Creating a new project](#)



## Settings dialog box

 Camera Lens tab

### Stitch tab

 Preferences tab

-  **Preview window** Displays a rough draft of your panorama with the selected lens.
-  **Automatic alignment** Select to automatically align your images.
-  **Disable warping** Select to disable the distortion effect used to make the image appear three-dimensional.
-  **Disable blending** Select to disable the program from merging the overlapping portions of two images.
  
-  **OK** Saves your settings and returns to the main program.
-  **Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.
-  **Help** Opens a help topic about the current dialog box.
-  **About** Displays information about this program.

## Related info:

 Creating a new project



## Settings dialog box

- [Camera Lens tab](#)

- [Stitch tab](#)

### ■ Preferences tab

- **Preview window** Displays a rough draft of your panorama with the selected lens.

- **Undo level** Set the number of changes you can undo. Larger numbers of undo require more memory.

- **Play sound effects** Select to activate sound effects (clicks, etc.) when using the program.

- **Show ToolTips** Select allow ToolTips, or brief help messages, to be displayed when the mouse is held over an item in the program.

- **Rotation degree** Determines how finely you can adjust the rotation of your image. Small numbers give you more control but are processed more slowly by your computer.

- **OK** Saves your settings and returns to the main program.

- **Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.

- **Help** Opens a help topic about the current dialog box.

- **About** Displays information about this program.

## Related info:

- [Creating a new project](#)



### Screen Saver dialog box

- File name** Enter a file name for your screen saver.
- Output folder** Select a file folder that you like to save your screen saver.
- Browse** Click to find a location to save your screen saver.
- Preview screen saver** Select to preview your screen saver before it is saved.
- OK** Creates the screen saver file in the selected folder.
- Cancel** Cancels the procedure, closes the dialog box, and returns to the main program.
- Help** Opens a help topic.

### Related info:

- [Creating a Screen Saver](#)



### Print dialog box

- **Page Layout** Select one of the following page layout for your panoramic image print-outs.
  - \* **Fit on page** Your final stitched image will be fit onto one page.
  - \* **One row** Your final stitched image will be fit end to end on one row of paper.
  - \* **Two rows** Your final stitched image will be printed into a larger poster composed of a number of sheets of paper.
- **Print** Starts to print the panorama image.
- **Cancel** Cancels the printing procedure, close the dialog box and returns to the main program.
- **Setup** Helps you to set up your printer and size of papers you use.
- **Help** Opens a help topic.

### Related info:

- [Printing panoramas](#)
-

## **Dialog boxes**

Dialog boxes are pop-up windows in a program that let you input information into the program. Common examples are the **Save** and **Browse for folder** dialog boxes.

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## Creating a new project

### New Project Wizard - Step 1 of 3

In order to put your images together into a panorama, it is necessary to create a project file. When you click the **New Project** button, the Panorama Wizard automatically runs.

1. Click the [Start step](#) icon.
2. From the **Options panel** click [New Project](#).
3. In the **New Project Wizard** dialog box, Choose a **Project type**: **Full 360° panorama** (default) or **Wide angle image**. See the examples for your choices.
4. Enter a **Project name** and **Browse** for a folder to save your project to.
5. Click **Next** to add images to your project and switch to **Step 2 of 3**.

**Optional:** Enter a Description to help you remember project details at a later date.

### Related info:

 [New Project Wizard Step 2 of 3](#)

 [New Project dialog box](#)

 [Program map](#)





☰ New Project

## Creating a new project

### New Project Wizard - Step 2 of 3

Add and arrange the images in your project in this step.

1. Select an image by clicking on it.
2. Click **Add**.
  - \* Multiple images can be selected by holding down the **Ctrl** key when selecting images, or hold the **Shift** key and click to select a range of images.
  - \* All of the images in a folder can be added by clicking **Add All**.
  - \* You can also get images directly from your camera or scanner by clicking **Acquire**.

Images that have been added to a project are visible in a new window.

- \* You may drag thumbnails to arrange your images.
- \* If necessary, images may be **removed** or **rotated** using the buttons beneath the thumbnails.

#### Related info:

-  [New Project Wizard Step 3 of 3](#)
-  [New Project dialog box](#)
-  [Acquiring images](#)
- 

## Creating a new project

### New Project Wizard - Step 3 of 3

1. Select your camera or **Camera lens** from the list.
  - \* Lens information (focal length) is often printed on the camera, on the lens housing or in your camera's user manual.
  - \* More lenses are available online or you can pick one that is similar to yours. Finish the Wizard and then go to the **Settings** dialog box in the main program.
2. Click **Finish** after previewing your images.

### Related info:

 [New Project dialog box](#)

 [Settings](#)

 [Acquiring images](#)



### Opening an existing project

1. Click the [Start step](#) icon.
2. From the **Options panel** click [Open Project](#).
3. Browse for the folder containing your project.
4. Select the project (\*.UPJ file) by clicking on it.
5. Click **Open**.
  - \* You can change the type of project by clicking **Edit**.
  - \* Use the **Recent Files** drop-down list to quickly reopen projects you have recently used.

### Related info:

 [Open Project dialog box](#)

 [Program map](#)





## Selecting images

1. Click the [Start step](#) icon.
2. From the **Options panel** click [Select Files](#).
3. In the **Select Image Files** dialog box, locate and select the folder that contains your images.
4. Select an image by clicking on it.
5. Click **Add**.
  - \* Select multiple images by holding the **Ctrl** key when you click on an image. Select a range of images by holding down the **Shift** key.
  - \* Click **Add All** to select all of the images in a folder.
  - \* Images that have been added to a project are visible in a new window at the bottom of the dialog box.
  - \* **Rearrange** your image by dragging them.
  - \* **Remove** or **Rotate** your images using the buttons beneath the thumbnails.

### Related info:

 [Select Files dialog box](#)

 [Acquiring images](#)

 [Program map](#)





## Acquiring images

You can acquire, or save, images from a digital camera or a scanner.

1. Click the [Start step](#) icon.
2. From the **Options panel** click [Acquire](#).
3. Select the **Source**, or device, that you want to acquire your images from.
4. Select the **folder** that you want to save your images to. Click **Browse** to find a folder.
5. Enter a prefix name for your series of images. Example: Enter **june** as the prefix and images will be saved as **june0001**, **june0002**, **june0003** , etc.
6. Select a **File format** for your images.
7. Click **Acquire** to start the process.

### Related info:

 [Acquiring dialog box](#)

 [Selecting images](#)

 [File formats](#)

 [Program map](#)





## Saving a project

A project is not a finished panorama, but a small file that contains information about your panorama. Save early, save often.

1. Click the [Start step](#) icon.
2. From the **Options panel** click [Save Project](#).
3. In the **Save in** drop-down list, select a **folder** or location for your project.
4. Enter a **File name** for your project. Projects are saved as **\*.UPJ** files.
5. Click **Save**.

### Related info:

-  [Save As dialog box](#)
-  [Opening an existing project](#)
-  [Program map](#)
- 



## Rotating an image

Sometimes images don't fit together because they are slightly skewed.

1. Click the [Adjust step](#) icon.
2. From the **Options panel** click one of the [Rotate](#) buttons:
  - \* Move the image **counter-clockwise** by clicking the **Left Rotate** button.
  - \* Move the image **clockwise** by clicking the **Right Rotate** button.

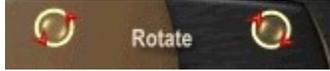
### Related info:

 [Changing an image's perspective](#)

 [Program map](#)







## Changing an image's perspective

Sometimes images don't fit together because of slight differences in perspective.

1. Click the [Adjust step](#) icon.
2. From the **Options panel** click one of the [Perspective](#) buttons:
  - \* **Tilt the top** of the image **back** or away from you by clicking the **Left Perspective** button.
  - \* **Tilt the top** of the image **forward** or towards you by clicking the **Right Perspective** button.

### Related info:

 [Rotating an image](#)

 [Program map](#)





## Adjusting hue

Change the hue, or color, of an image to match adjacent images or for artistic effect.

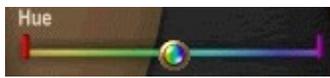
1. Click the [Adjust step](#) icon.
2. Select an image you want to adjust by clicking on it. Selected images are surrounded by a white frame.
3. On the **Options panel**, drag the round button on the [Hue](#) bar left or right to change the color of the selected image.

### Related info:

 [Adjusting saturation](#)

 [Program map](#)





## Adjusting saturation

Change the saturation, or richness of a color, to match adjacent images or for artistic effect.

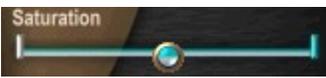
1. Click the [Adjust step](#) icon.
2. Select an image you want to adjust by clicking on it. Selected images are surrounded by a white frame.
3. From the **Options panel**, drag the round button on the [Saturation](#) bar left or right to change the intensity of colors in the selected image.

### Related info:

 [Adjusting color - Hue](#)

 [Program map](#)





## Adjusting brightness

Change the brightness of an image to match adjacent images or improve its quality.

1. Click the [Adjust step](#) icon.
2. Select an image you want to adjust by clicking on it. Selected images are surrounded by a white frame.
3. From the **Options panel**, drag the round button on the [Brightness](#) bar left or right to adjust the light level of the image.

### Related info:

 [Adjusting contrast](#)

 [Program map](#)





## Adjusting contrast

Change the contrast of an image to match adjacent images or improve its quality.

1. Click the [Adjust step](#) icon.
2. Select an image you want to adjust by clicking on it. Selected images are surrounded by a white frame.
3. From the **Options panel**, drag the round button on the [Contrast](#) bar left or right to adjust the sharpness between light and dark areas of the image.

### Related info:

 [Adjusting brightness](#)

 [Program map](#)





## Saving a panorama

1. Click the [Finish step](#) icon.
2. From the **Options panel**, click [Save](#).
3. In the **Save in** drop-down list, select a **folder** or location for the panorama.
4. Enter a **File name** for your panoramic image.
5. In the **Save as type** drop-down list, select the file format you want. Possible file types are **BMP, JPG, PNG** and **TIF**. You could also save your panorama as an Apple QuickTime VR movie (\*.**MOV**).
6. Click **Save**.

### Related info:

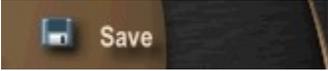
 [Exporting panoramas](#)

 [File formats](#)

 [Program map](#)







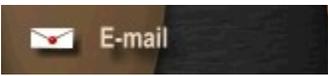
## Sending a panorama by e-mail

You can send your final stitched images with a panoramic viewer to your friends by e-mail.

1. Click the [Finish step](#) icon.
2. From the **Options panel**, click [E-mail](#).
3. Make sure the **Attach viewer** check box is selected to include the **COOL 360 Viewer** with your mail.
4. Click **Send**.
  - \* COOL 360 will run your mail program with a new mail message ready to compose.
  - \* If you chose to attach the viewer, the panorama image will be saved as a self-executable file (\*.EXE).
  - \* The recipient can double-click the attached self-executable file (\*.EXE) to launch the Viewer for viewing the panorama image. Extracted files will be copied to the folder "Ulead Package Folder" on Windows Desktop.
  - \* If your e-mail program is not yet configured, or if you experience any problems see the [Setting up your e-mail program](#) Help topic.

### Related info:

- [E-mail dialog box](#)
- [Setting up your e-mail program](#)
- [Exporting panoramas](#)
- [Program map](#)
-



### Setting up your e-mail program

- **Outlook** (Microsoft)
- Eudora (Qualcomm)
  
- Messenger (Netscape)
- Outlook Express (Microsoft)

Ulead COOL 360 automatically sends your panorama by e-mail using your default MAPI e-mail client. If you are having any problems or are unsure if your e-mail software is set up correctly, simply select your e-mail program from the list above for instructions.

\* **Note:** Microsoft **Outlook** does not need to be set up.

### Related info:

- [Sending a panorama by e-mail](#)
- [E-mail dialog box](#)
-

### Setting up your e-mail program

 [Outlook \(Microsoft\)](#)

 **Eudora** (Qualcomm)

 [Messenger \(Netscape\)](#)

 [Outlook Express \(Microsoft\)](#)

Run Qualcomm Eudora and use the following procedure to set it as your default mail client.

1. From the **Tools** menu, select **Options**.
2. From the **Category** list, select **MAPI**.
3. Under **Use Eudora MAPI Server**, select **Always**.
4. Click **OK** to save your changes and close the dialog box(es).

#### Related info:

 [Sending a panorama by e-mail](#)

 [E-mail dialog box](#)



### Setting up your e-mail program

 [Outlook \(Microsoft\)](#)

 [Eudora \(Qualcomm\)](#)

 **Messenger** (Netscape)

 [Outlook Express \(Microsoft\)](#)

Run Netscape Messenger and use the following procedure to set it as your default mail client.

1. From the **Edit** menu, select **Preferences**.
2. From the **Category** list, select **Mail Server** from the **Mail & Groups** item.
3. Click **More Options**.
4. In the **More Mail Server Preferences** dialog box, select **Use Netscape Messenger from MAPI-based applications**.
5. Click **OK** to save your changes and close the dialog box(es).

#### Related info:

 [Sending a panorama by e-mail](#)

 [E-mail dialog box](#)



## Setting up your e-mail program

 [Outlook \(Microsoft\)](#)

 [Eudora \(Qualcomm\)](#)

 [Messenger \(Netscape\)](#)

 **Outlook Express** (Microsoft)

Run Microsoft Outlook Express and use the following procedure to set it as your default mail client.

1. From the **Tools** menu, select **Options**.
2. In the **Options** dialog box, click the **General** tab.
3. Select **Make Outlook Express my default e-mail program**.
4. Select the **Make Outlook Express my Simple MAPI client** sub-option.
5. Click **OK** to save your changes and close the dialog box.

### Related info:

 [Sending a panorama by e-mail](#)

 [E-mail dialog box](#)



## Posting a panorama to the Web

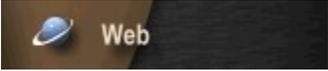
You can post your panorama to your Web site. COOL 360 generates all of the necessary code; all you have to do is upload the page and image to your Internet Service Provider (ISP).

1. Click the [Finish step](#) icon.
2. From the **Options panel**, click [Web](#).
3. In the **Web** dialog box, enter a **File name**.
4. Click **Browse** to select a folder that you want to output your file to.
5. Enter a **Title** for your Web page.
6. Adjust the **Width** and **Height** of the embedded panorama window. The default values are based on your panorama's size.
7. Click **Preview** to invoke your Web browser and see how your page looks.
8. Click **OK** to save the panoramic image, UVR, and HTML files to the specified folder.

**NOTE:** Your users must have the Viewer to see the images. When a user comes to your page for the first time, a dialog box will appear prompting them to automatically install the small COOL 360 Viewer plug-in. Once this plug-in is installed, the panorama will be visible and can be navigated.

### Related info:

-  [Web dialog box](#)
-  [Saving a panorama](#)
-  [Exporting panoramas](#)
-  [Program map](#)
- 



## Creating a screen saver

You can create an animated screen saver with your panoramic images. The screen saver displays your image and automatically scrolls and zooms in a random manner.

1. Click the [Finish step](#) icon.
2. From the **Options panel**, click [Screen Saver](#).
3. In the **Screen Saver** dialog box, enter a **File name** for your panoramic screen saver.
4. Select **Preview screen saver** if you want to see your screen saver before you proceed.
5. Click **OK**.
  - \* You can modify your screen saver's properties by right-clicking the **Windows desktop**, selecting **Properties**, and clicking the **Screen Saver** tab.

### Related info:

-  [Saving a panorama](#)
-  [Exporting panoramas](#)
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- 

 Screen Saver

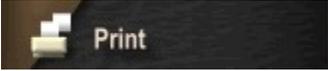
## Printing panoramas

You can print a panorama onto a single page or onto multiple pages that you can tape together.

1. Click the [Finish step](#) icon.
2. From the **Options panel**, click [Print](#).
3. In the **Print** dialog box, select a **Page layout**:
  - \* **Fit on page** Fit the final stitched panorama onto one page.
  - \* **One row** Print the final stitched panorama onto one row of paper.
  - \* **Two rows** Print the final stitched panorama into a large poster over multiple sheets of paper organized in two rows.
4. Click **Print**.

### Related info:

-  [Saving a panorama](#)
-  [Exporting panoramas](#)
-  [Program map](#)
- 



Print

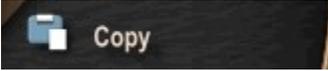
## Copying a panorama to the Clipboard

You can copy your panoramic image file, together with the viewer, to Window's clipboard, and paste it into other applications like Microsoft Word, PowerPoint or an image editor.

1. Click the [Finish step](#) icon.
2. From the **Options panel**, click [Copy](#).
3. Switch to the application (MS Word, PowerPoint, etc.) that you want to copy the panorama to.
4. Go to the **Edit** menu in the target application and click paste (**Ctrl +V**).
  - \* Double-click on the panorama object in your document to invoke the **Viewer**. The user can navigate using the mouse and keyboard.

### Related info:

-  [Saving a panorama](#)
-  [Exporting panoramas](#)
-  [Program map](#)
- 



Copy

## Exporting panoramas

Exporting a panorama is useful if you want to view your panorama on another computer, but you don't want to send it by e-mail or post it to the Web. Some possible situations include saving to a floppy disk or recording to a CD. You can export a finished panoramic image, conveniently packaged with the (required) viewer, as outlined below.

1. Click the [Finish step](#) icon.
2. From the **Options panel**, click [Export](#).
3. In the dialog box, enter a **File name** for your the self executable (\*.EXE) that will be created by this process.
4. In the **Output folder** box, enter a path names for saving the panorama.
5. Select the **Attach viewer** check box to make sure the Viewer is included with your panorama. If you are certain your viewers already have a viewer, you can save file size by clearing this option.
6. Click **OK**.

### Related info:

-  [Export dialog box](#)
-  [Saving a panorama](#)
-  [Program map](#)
- 



## Viewing panoramic images

Panoramic photos are substantially different from other types of images, and therefore require a special viewer. There are three ways to do this:

- \* From within Ulead COOL 360, click the **Viewer icon** at the lower right.
- \* Run Ulead COOL 360 Viewer (**UPViewer.EXE**) either from the Windows start menu, or directly from the COOL 360's program folder.
- \* Double-click the completed Panorama file (\*.UVR) from Windows Explorer.

Using the Viewer is also very easy.

- \* When the [arrow cursor](#) is visible, click the image and drag in the direction you want to scroll in.
- \* When the [magnifying glass](#) is visible (around the center of your image), click and drag up to zoom out or drag down to zoom in.

### Related info:

 [Exporting panoramas](#)

 [Program map](#)







## Taking great pictures

Panoramic photos are substantially different from other types of photographs and are much more challenging. Here are a few pointers to help you get it right.

- \* Take a lot of pictures. If you're using a digital camera, this isn't really a problem because the "film" is essentially free. Later, you can pick the best images to use in your panorama.
- \* Use landmarks at the edge of the frame and overlap images (minimum of 15%).
- \* Use a tripod. Even an inexpensive tripod can make the process of getting good pictures easier.

### Related info:

 [Acquiring images](#)



## Sharing images

360° panoramic images are more than just large versions of a normal image. To get the wraparound effect, these images must be opened in a special viewer, which is included with the COOL 360 software. Family and friends who do not have COOL 360 will not be able to view these images unless you also send them the viewer. This is not a problem. When you use the program to send e-mail, you can select **Attach viewer** to create a self-executable file (\*.EXE) that includes both the image and the viewer. When someone double-clicks on the EXE file, the viewer automatically runs, displaying your image and allowing them to use the mouse and keyboard to navigate the panorama.

One other option is to make a QuickTime VR movie (\*.MOV). Your viewers will need to have this program installed on their computer, but the QuickTime viewer is often already installed as it is a very popular application.

### Related info:

 [Acquiring images](#)



## Putting panoramas on the Web

There are two important issues you need to consider when posting images to the Web. The first is file size, and the smaller the better. JPG images are probably the smallest with PNG following closely behind. The second issue is the **Viewer**. Your users must have the Viewer to see the images. When a user comes to your page for the first time, a dialog box will appear prompting them to automatically install the small COOL 360 Viewer plug-in. Once this plug-in is installed, the panorama will be visible and can be navigated.

Once you have created your Web page with COOL 360, you will certainly want to add more content to your Web page. You can open the HTML file in any home page editor or even in Notepad. When that task is finished, you can upload your page to your Web site. Be careful to maintain the folder's structure so that the page is properly linked to the panorama. Make sure you test your page once it is posted to the Web.

### Related info:

-  [Saving a panorama](#)
-  [Posting a panorama to the Web](#)
-  [Exporting a panorama](#)
-  [File formats](#)
- 

## File formats

Panoramic images can be saved in four different file formats. The formats have various strengths, and you should carefully weight the benefits of each before choosing one.

- \* **MOV** This is a special format from Apple QuickTime. MOV panoramas are fast and easy to view, but you must install Apple QuickTime 3 or later to view them.
- \* **BMP** Perfect, **lossless** quality but **very large** file sizes (+5MB). BMP files are not recommended for e-mail or the Web. Very similar to TIF.
- \* **JPG** High compression yields **very small** file sizes. This format is an excellent choice for panoramas that are going to end up on the Internet, either on a Web site or as e-mail. JPG files are **lossy**, meaning that the images loses some information when it is saved. This loss is not noticeable by most people.
- \* **PNG** High compression, **small** file sizes and **lossless**. Sounds like this is the best of both worlds, but the format is still not universally accepted and some people may have trouble viewing PNG files. Of course the COOL 360 viewer can handle PNG, so this isn't a concern if you are going to attach the viewer.
- \* **TIF** Perfect, **lossless** quality but **very large** file sizes (+5MB). TIF files are not recommended for e-mail or the Web. Very similar to BMP.

### Related info:

 [Saving a panorama](#)



Don't use dis



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## Introduction

Welcome to Ulead COOL 360 Help. The program itself has a **Context Sensitive Help** built right in. Hold your mouse cursor over an item in the program to see a pop-up **ToolTip** that will give you a brief definition. In addition, you can press **F1** to get help about that item, with links to where you can find more information. Click the **Help** button to open the general Help.



Within the **Help** file you are reading, you should use the menu on the left to find topics of interest. Within a topic, you'll find links to simple step by step procedures that will walk you through creating panoramas. These will open in a second smaller window that you can read while you work. Occasionally, a word will be bold and in [blue](#). These are active jumps and can be clicked to reveal additional help, often a picture of what the word refers to. Don't forget to use the **Contents** and **Index** buttons on the Help window's toolbar if you can't find what you're looking for here.



This is a sample of a pop-up. Many times the pop-up will contain a picture of the item being referred to in the text.



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### Program map

**Step buttons**  
These three buttons are used to move through the steps necessary to create a panorama.

**Workspace**  
This area displays a preview. You can manually line up your images here.

**Options panel**  
This panel changes depending on the step you are on. There are many tools here.

The screenshot shows the Ulead COOL360 interface. At the top, there are three buttons labeled "Start", "Adjust", and "Finish". Below these is a large workspace area showing a preview of a panorama. To the right of the workspace is an options panel with various sliders and buttons for adjusting the panorama. The interface is dark-themed with orange and white text.

**Note:** You can always find the name of any item in the program by holding the cursor over it and waiting for the pop-up **ToolTip** to appear. In addition, a brief definition can be found by pressing **F1** when the cursor is over an item.



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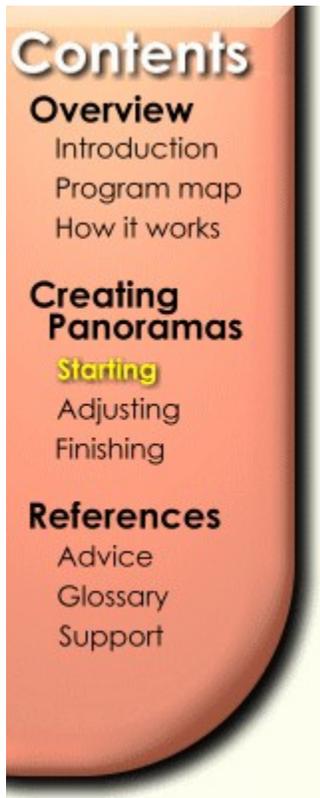
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## How it works

Ulead COOL 360 is a surprisingly powerful program that takes a simple series of photos and turns them into an immersive 3D panoramic experience. Since a single panoramic image is actually composed of a number of separate photos from your camera, the first step to creating a panorama is to organize everything you need into a project file. Think of it as spreading all of your photos out on the kitchen table together with some tape and a pair of scissors.

The next step is to use some sophisticated photo retouching tools to improve your images. By clicking the Adjust step, you are presented with an array of incredibly powerful and easy-to-use editing options. You can make a sunset more colorful, make a dark room lighter, or simply tweak an image to match its neighbors better.

The final step is similar to taping your images together and putting the finished panorama into a frame to hang on your wall. On a computer, this may be as simple as saving the panorama to a new image file. But there are a host of other options, too. You can post the panorama to the Web, send it by e-mail, or use it as a Windows screen saver. Wraparound 360° images require a special viewer, however, so don't forget to let COOL 360 include the tiny viewer with your image when you share it with others.

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## Starting

Creating stunning panoramas is a bit different from making a simple 2D image. While the task is not complex, it typically involves twelve or more images and a number of steps. In order to make this as easy as possible, everything you need is organized into a **Project (\*.UPJ)**. Here are the **How to's** for successfully managing a panoramic project.

- [Creating a new project](#)

- [Opening an existing project](#)

- [Selecting images](#)

- [Acquiring images](#)

- [Saving a project](#)



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## Adjusting

Adjusting your raw images can range from touching up, correcting problems, and matching neighboring images to wild and creative use of color. The tools included with COOL 360 are both powerful and simple to use.

■ Rotating an image

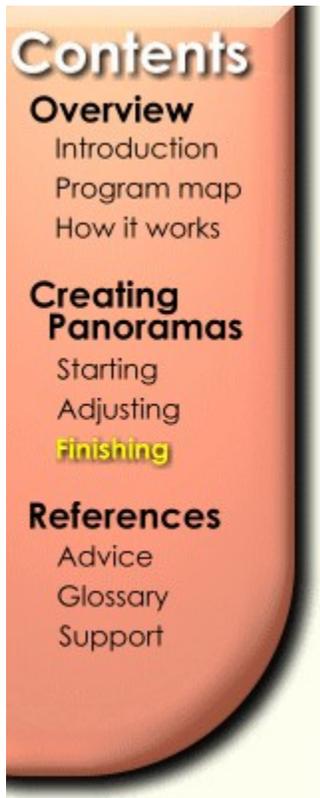
■ Changing an image's perspective

■ Adjusting hue

■ Adjusting saturation

■ Adjusting brightness

■ Adjusting contrast

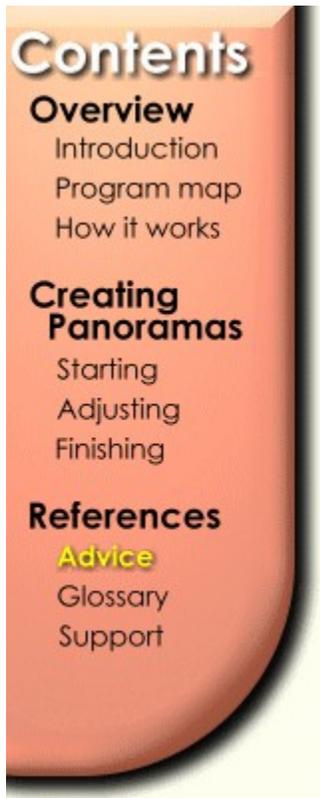
  


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## Finishing

Finishing up project can be as simple as saving it to an image file. In Ulead COOL 360 however, flexibility is also a part of the finishing process. The range of options available make it easy and fun to share your images with others.

- [Saving a panorama](#)
- [Sending a panorama by e-mail](#)
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- [Creating a screen saver](#)
- [Printing panoramas](#)
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## Advice

While Ulead COOL 360 is easy to use, there are a few things we can recommend to make your projects more enjoyable. Starting with good images is the most important piece of advice we can offer.

### Taking great pictures

### Viewing panoramic images

### Sharing images

### Putting panoramas on the Web

### File formats

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## Glossary

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**acquire**

The process of getting an image or images onto your computer. Images are typically acquired from scanners or digital cameras.

**attach**

Or **attachment**. In an e-mail message, any additional files you want to send along with the message are included as attachments.

## **blending**

Adjacent overlapping images in a panoramic image can be blended or smoothly merged together so that they join seamlessly. You can disable this feature by clicking Settings: Stitch tab.

## **brightness**

Sometimes pictures are too bright or too dark. You can adjust the light level, or brightness, with COOL 360.

## Clipboard

The Clipboard is a temporary storage place for just about any kind of data on your computer. Data is often saved to the Clipboard when you copy or cut an item. Panoramas can be temporarily copied to the Clipboard with the **Copy** command in the Options panel of the Finish step.

## **contrast**

Contrast defines the difference between the lightest and darkest parts of an image. Images with higher contrast look sharper, while those with lower contrast look softer.

## **dialog box**

A dialog box is a pop-up window in a program that lets you input information into the program. Common examples are the **Save** and **Browse for folder** dialog boxes.

**e-mail**

E-mail, or electronic mail, is a way to send messages over the Internet. COOL 360 lets you attach panoramas to your e-mail messages.

## **embedded**

An embedded window is a smaller window within an HTML Web page on the Internet. COOL 360 can display a panorama on a Web page within an embedded window.

## **export**

Exporting a panorama means creating a special EXE file that contains not only the panoramic image, but the necessary viewer as well.

## **file format**

A file format is the type of file you are saving, like a \*.DOC file for Microsoft Word. In COOL 360, images may be saved as \*.**BMP**, \*.**JPG**, \*.**PNG** or \*.**TIF** format. In addition, QuickTime **MOV** files can be created when QuickTime is installed (included on the program CD or available for download). Projects are saved as \*.**UPJ** files and 360° panorama file information is saved in a \*.**UVR** file.

**field of view**

The field of view (FOV) of a camera lens is defined as how wide an image it can see at one time. The FOV is typically measured in degrees (°) and is often printed on the lens.

## **focal length**

The focal length of a camera is defined as the distance from the lens to the focal plane (film or other image capture device such as a CCD). It is typically measured in millimeters (mm) and is important in determining the field of view (among other things) of a camera.

## **HTML**

Hyper Text Markup Language is the standard computer language used to make Internet Web pages.

## **hue**

Hue is a way of defining the color of an image. By shifting the hue, you can change the overall color of an image, e.g. make it greener.

## **UVR file**

An UVR file is a very small file that contains information about a panorama and gives a viewer program instructions on how to display the image.

## landscape

When taking pictures or printing a document, landscape refers to the orientation of the object. Landscape images are longer side to side and shorter top to bottom. **See also: *portrait***.

## **lens**

The lens of a camera focuses an image for the camera to store. Information about a lens is important in COOL 360 so the software can accurately recreate your panorama.

**mail client**

A mail client is simply the software you use to send and read e-mail. Some common e-mail clients are Outlook, Eudora and Netscape Messenger.

**merge**

Merging is the process of putting together images into a panorama. **See also:** *stitch*.

## **panorama**

A panorama is a number of photographs joined together to make a much wider picture showing a large scene. COOL 360 not only allows you to make traditional panoramas, but also creates 360° wraparound images that can be viewed on a computer in a virtual reality type of environment.

## **perspective**

Images typically have a flat perspective on your monitor. Sometimes, when taking pictures, the camera angle varies slightly between shots. In these cases you need to adjust the perspective by tilting the image forward or backwards.

## **portrait**

When taking pictures or printing a document, portrait refers to the orientation of the object. Portrait images are taller top to bottom and narrower side to side. **See also:** *landscape*.

## preferences

Many programs allow you to control how they work by changing the preferences. In COOL 360, the preferences can be found by clicking **Settings**.

## **project**

A COOL 360 project file contains information about your panorama, but it is not actually the panoramic image itself. Projects are saved as UPJ files. **See also: *UPJ files*.**

## **screen saver**

Originally, screen savers were used to protect a monitor from burning out during long periods of inactivity. Modern monitors are not at risk from burning out, but screen savers are still popular. COOL 360 lets you use a panoramic image as your screen saver.

## **settings**

A panoramic project has many options, such as focal length of the lens and style of panorama. These can be altered by clicking **Settings**.

**stitch**

Stitching is the process of joining two or more images in a panorama. **See also:** *merge*.

## **ToolTips**

ToolTips are small text boxes that pop-up over a button or control in a program displaying a name and/or a brief description. Hold your mouse over an item for a few seconds for the ToolTip to be displayed.

## **UPJ file**

Panoramic projects in COOL 360 are saved as UPJ files. The information in this file is used to generate a panoramic image. **See also: *project*.**

## **viewer**

COOL 360 creates special wraparound panoramas that can be displayed on your computer. A viewer is required to properly display these images, and you need to make sure that if you give an image to someone else that they also have the viewer. **See also: *attach*.**

## **warp**

In order to give flat images a three dimensional feel, COOL 360 warps or distorts your images. You can disable this feature by clicking Settings: Stitch tab.

## **Web**

Also known as the World Wide Web or WWW, the Web is a network of HTML pages. You can display your panoramic images on your own home page on the Web.



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## Support

Having a problem? Want some more advice? Looking for free Ulead goodies? Complaints and compliments are equally welcome.



[Technical Support](#)

## Contacting Ulead Systems



[International](#)



[North America](#)



[Germany](#)



[Japan](#)

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## Technical Support

Please prepare the following information before contacting us so we can offer you the best possible support:

- The program name and serial number.
- Nature of the problem.
- Any error messages or dialog boxes that appear when the problem occurs.
- System information including CPU, operating system, and any other programs running when the problem occurs.

If you write or fax us, please add printouts of the following:

- AUTOEXEC.BAT
- CONFIG.SYS
- WIN.INI
- ULEAD32.INI

Don't use dis one

