



Welcome

## Welcome

Congratulations on selecting pcPhotos , a set of powerful, yet easy to use essential tools for batch photo processing making it easier to export your photos from PC to iPad, sharing on Facebook, Flickr, or sending E-mail. Powered by the award winning FileStream Digital Darkroom technology, along with its set of style and customization tools, pcPhotos lets you sequence and turn your photos into a truly "picture perfect" and new enjoyable photo experience - on your iPad screen, for upload online or e-mail to share with others.

### Key Features

pcPhotos is a wizard style photo editing and optimization PC program specifically designed for batch photo editing. Its lightening fast thumbnail display with slider control lets you glance over your entire photo collection quickly, sort, and make corrections and enhancements, such as rotations and flipping, and auto enhancing. It lets you significantly reduce the size of your photos so you can fit more in the device memory without noticeable difference in visual quality while your photos are being viewed in iPad, online, or in other media. This is all done with just a few clicks and you will have a "picture perfect" photo show.

In addition to supporting all popular image formats, pcPhotos recongnizes over 400 digital cameras and their RAW photo formats. RAW photo formats usually provide you with high quality images but the file size is quite large, which makes it very difficult to share with others. pcPhotos can help you to significantly reduce the file size while maintaining high visual quality.

### Using the Program

- To Start: Welcome - Choose Album

Start by entering a unique album name to create a new album or clicking the pulldown arrow to update an existing album. If you create a new album, a copy of your selected photos will be saved in the Documents, pcPhotos folder. If you open an existing album, you will be reusing previously processed photos saved in the album folder. In either case, operations you perform in pcPhotos, including deleting photos saved in the album, will only apply to copies of the photos stored in the Documents, pcPhotos folder and will not affect your originals.

- Next - Enter Album Profile (Optional)

You have the option to enter album description. You also have the option to set up warning messages when the album size is too large or when there are too many photos.

- Process Photos - Batch Edit Photos

- Step 1 of 6 : Add Photos - Add or input pictures. Rotate or flip individual pictures if needed.
- Step 2 of 6 : Design - Depending on your display size, specify output size and design options.
- Step 3 of 6 : Fix and Enhance- Fix single or group of photos with Digital Darkroom. (Optional)
- Step 4 of 6 : Special Effects - Enter options for watermark, timestamp, and caption. (Optional)
- Step 5 of 6 : Rename and Arrange - Rename, set time, sort, and sequence photos. (Optional)
- Step 6 of 6 : Share - Choose the destination folder for export or select the program for upload.

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Album Profile

## Album Profile

You can enter album description. You can also set up restrictions with warning messages to avoid the album getting too large, like when file size is too large or when there are too many files. This feature helps you to stay within the limitations of your hardware device. If the limit options have already been set and grayed out, you may click it and click it again to re-enter new values.

### Album Descriptions:

You can enter a descriptive text about the album, such as My 10th anniversary celebration at home.

Show warning if total size of photos is greater than (e.g. 250MB)

Check off this box if you want to set a maximum size for the album. Enter the size limit and select KB, MB, or GB.

Show warning if number of photos is more than (e.g. 100)

Check off this box if you want to set a maximum number of photos in the album. Enter the number in the entry box.

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Process Photos

Process Photos

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Process Photos > Add Photos

## Add Photos (Step 1 of 6)

You can select photos for your album on the Add Photos wizard page.

On the Add Photos wizard page, click the Add Photos button to add photos or the Add Folder button to add photos in a folder to your album. You may also add photos by dragging photos from Windows Explorer or FileStream Turbo Browser and dropping them on the Add Photos wizard page. Your selections will be displayed in thumbnail for your review. You can drag the slider in the upper right corner to adjust thumbnail size. You can hold down the Ctrl (click to select) or Shift key (click first and last to select) and use Windows standard multiple selection convention to select multiple files. You can also click to select photos you do not want to include in your album and click the Remove button to remove them from your album. Since FrameShop is only working on a copy of your photos saved in the album folder, removing photos from your album will not affect your originals.

Some of your photos may have been taken vertically. You can select one or more photos and click the Flip (left/right), Rotate Counterclockwise (CC), or Clockwise (C) to change the orientation. You can also click the Revert button to return to the original orientation.

Click the Next button to move on to the next wizard page or the Back button to return to the previous wizard page.

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Process Photos > Design

## Design (Step 2 of 6)

Resize to fit into:

You can batch resize all the photos in your album according to the width and height you enter in pixels or the resolution you select from the pulldown list.

Choose photo type:

Keep photo the same orientation and size. Fill empty space with background color. - This option will auto scale photo for best fit without cropping while retaining orientation and proportionality. Empty space will be filled with background color. All photos will appear to be of the same size.

Alignment: Select from for the pulldown list to align the photo with Center, Left, Right, Top, or Bottom.

Background Color: Click the color box to change the background color.

Resize photo with no background - This option will auto scale photo for best fit without cropping while retaining proportionality. There will be no background color to make them appear to be of the same size.

Keep the resized photo with its original orientation - If this option is selected, the original orientation will be kept and allow the display device, like iPad, to rotate your photo to maximize the displaying area.

With borders - If this option is checked off, your photo will be reduced proportionately to give room for adding borders. Enter a number for the percentage of your photo dimensions for borders.

Border Color: Click the color box to select border color.

Click the Next button to move on to the next wizard page.

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Process Photos > Fix and Enhance

## Fix and Enhance (Step 3 of 6)

When you arrive at the Fix and Enhance wizard page, you have the option to select any photo and apply any of the auto enhancing tool tools to the right for auto enhancement. Feel free to experiment with these buttons because if you are not satisfied with the results, you can always select these photos again and click the Revert button to start over.

You can multiple select or click the Select All button to select multiple photos in the album, click the Batch button and select from available tools listed below to batch process your photos.

Recreate - Click the Batch button and select Recreate to access this function. This batch editing tool works in a similar way as the Revert function on a single photo. It will roll back the Darkroom editing you just did so you can start over again.

Note: There are two places you can find the Recreate function: on the Fix and Enhance wizard page and on the Rename and Arrange wizard page. Once photos are generated in an album, they will not be automatically updated when you change your design. If you change the page layout such as the size of album or border, you have to select the photos you want to apply the new design to and recreate them. It is by design to make the program moving fast from page to page without updating the pictures each time when you go through each page.

Using the Recreate feature, you can mix the design in the same album. If you change watermark, caption, or timestamp and you want the new changes to reflect in some of the pictures on the final Rename and Arrange wizard page (the thumbnails on this page are the final pictures before export), you can select those pictures you want to update and use the Recreate button to regenerate the selected photos. If you want to recreate all the photos, use the File/Reset Album menu to do so. The Reset menu will keep all the design settings, including the list of the original photos, but force the album to recreate all the photos in the album using the latest design selections.

The Revert function will only restore any Darkroom changes on this page. After you leave the Fix and Enhance page, the changes can not be reversed. However, Recreate will use the original photos to recreate the album.

Open with Associated Editor - Click the Batch button and select Open with Associated Editor to access this function. This tool will open the selected photo in the default associated photo and image editor. Once you finish with editing the photo, select it and use the Recreate button to recreate it for the album.

Auto Level - Click the Batch button and select Auto Level to access this function. This tool finds the darkest and brightest colors and redistributes the values proportionally for each color channel. As it is done for each channel, it may introduce or remove color cast.

Auto Contrast - Click the Batch button and select Auto Contrast to access this function. This tool finds the darkest and brightest colors in the photo, maps them into black and white, and adjusts the color for all pixels accordingly. The calculation is not done on each color channel, therefore, no color cast will be introduced or removed.

Auto Smooth - Click the Batch button and select Auto Smooth to access this function. This tool applies a noise peak elimination filter to the photo, replaces a pixel with its next neighbor in value within a radius window if this pixel has been found to be noise. (A pixel is defined as noise if and only if this pixel is a maximum or minimum within the window).

Auto Sharpen - Click the Batch button and select Auto Sharpen to access this function. Photos from digital cameras sometimes needs to be sharpened, especially after size reduction. FrameShop provides you with this Digital Darkroom tool to automatically sharpen them.

Remove - Click the Batch button and select Remove to access this function. This batch editing tool will remove photos from the album. It will only affect copies of your photos in the album and will not delete your original photos.

Click the Next button to move on to the next wizard page or the Back button to return to the previous wizard page.

See Also:  
Digital Darkroom

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Digital Darkroom

Digital Darkroom

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Digital Darkroom > Fix and Enhance Tools

## Fix and Enhance Tools

pcPhotos provides you several easy-to-use Digital Darkroom image editing tools, such as our popular single click red eye correction tool button, to fix your photos or add effects to it. You can access these tools by first selecting a photo on the left and click the tool button in the upper right corner. You can mouse over the Fix and Enhance tool buttons for visual hints of what the buttons are for.



**Auto Level of Color** - This tool finds out the darkest and brightest colors for each color channel in the selected photo and redistributes the values proportionally. As it is done for each channel, it may introduce or remove color cast.

**Auto Contrast** - This tool finds out the darkest and brightest colors in the image, maps them into black and white, and adjusts the color for every pixel accordingly. The calculation is not done on each color channel, therefore, no color cast will be introduced or removed.

**Auto Smooth** - This tool applies a noise peak elimination filter to the photo, replaces a pixel with its next neighbor in value within a radius window if this pixel has been found to be noise. (A pixel is defined as noise if and only if this pixel is a maximum or minimum within the window).

**Auto Sharpen** - Photos from digital cameras sometimes needs to be sharpened, especially after size reduction. FrameShop provides you with this Digital Darkroom tool to automatically sharpen them.

**Text** - Drag your mouse cursor to select an area on the selected photo for entering text. Press the Ctrl key to exit the box when done or the Esc key to cancel it.

**Font** - This tool allows you to select and change the default font, font color and style. Select it before entering text.

**Old Photo Look** - This tool makes you photo look like an old photo (sepia tone).

Black and White - This tool turns your photo into black and white photo.

Negative - Sometimes you want to invert the colors in photos to make them appear as photo negatives. This tool will automatically invert photo colors to make it appear like photo negative.

Red Eye Correction - Digital photo often has red eye problem. This tool will correct it for you. Select this tool and click on the red eye to correct the red eye, repeat if needed.

Remove Color Cast - Color casts occur when the Red, Green, and Blue channels are not balanced. This tool will automatically remove color cast for you.

If you are not satisfied with the result, you may click the Revert button to reload the image and start over. When you are done, click the Next button to move on to the next wizard page or the Back button to return to the previous wizard page.

See Also:

Fix and Enhance

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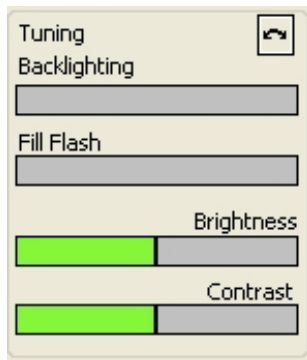
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Digital Darkroom > Tuning

## Tuning

pcPhotos provides you several easy-to-use digital darkroom image editing tools. You can access the Tuning tools by first selecting a photo on the left and mouse over each tool to adjust the sidebar.



**Backlighting** - You can change backlighting to bring out details of the background using this tool. Mouse over the slider bar between the gray and the green areas until you see the double arrow. Click and hold down your mouse button, then drag to change the value. You can select a value between 1 and 100 (%). The change is immediately displayed in the Editor/Preview panel. Adjust further if desired.

**Fill Flash** - You can brighten the shadow areas using this tool. Mouse over the slider bar between the gray and the green areas until you see the double arrow. Click and hold down your mouse button, then drag to change the value. You can select a value between 1 and 100 (%). The result will be immediately displayed in the Editor/Preview panel. Adjust further if desired.

**Brightness** - You can change the brightness using this tool. Mouse over the slider bar between the gray and the green areas until you see the double arrow. Click and hold down your mouse button, then drag to change the value. You can select a value between -127 and +127. The change is immediately displayed in the Editor/Preview panel. Adjust further if desired.

**Contrast** - You can change the contrast using this tool. Mouse over the slider bar between the gray and the green areas until you see the double arrow. Click and hold down your mouse button, then drag to change the

value. You can select a value between -127 and +127. The change is immediately displayed in the Editor/Preview panel. Adjust further if desired.

You may click the Undo (curved double arrow) button to undo the last step or the Revert button to reload the image and start over. When you are done, click the Next button to move on to the next wizard page or the Back button to return to the previous wizard page.

See Also:

Fix and Enhance

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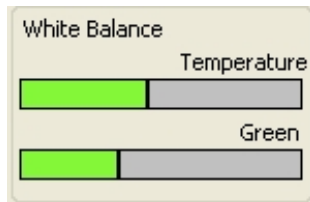
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Digital Darkroom > White Balance

## White Balance

pcPhotos provides you several easy-to-use digital darkroom image editing tools. You can access the White Balance tools by first selecting a photo on the left and mouse over each tool to adjust the sidebar.



**Temperature** - You can use the Temperature slider to balance the intensities between red and blue channels. Mouse over the slider bar between the gray and the green areas until you see the double arrow. Click and hold down your mouse button, then drag to change the value. Drag to slide it to the left to emphasize Red colors (lower temperature) or to the right to emphasize Blue colors (higher temperature).

**Green**- You can use the Green slider to change the intensity of the green channel. Mouse over the slider bar between the gray and the green areas until you see the double arrow. Click and hold down your mouse button, then drag to change the value. Drag to slide it to the left to demphasize green or to the right to emphasize green.

You may click the Undo (curved double arrow) button to undo the last step or the Revert button to reload the image and start over. When you are done, click the Next button to move on to the next wizard page or the Back button to return to the previous wizard page.

See Also:

Fix and Enhance

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Process Photos > Watermark, Timestamp, Caption

## Watermark, Timestamp, Caption (Step 4 of 6)

**Watermark** - Click the Watermark button and check off the Watermark option box to add watermark to your photos. You can click the Browse button to select a graphic file for use as the watermark. You also have the options to auto detect transparency and assign opacity value. An opacity of 100 will add a solid watermark. The smaller the opacity value is, the more transparent the watermark will appear to be.

There is a nine-square grid for watermark positioning. Click the desired square to set the position of the watermark.

Click the Preview button to preview the watermark.

**Timestamp** - Click the Timestamp button and check off the Timestamp option box to add timestamp to your photos. Click the pulldown arrow to select the timestamp format. Select a timestamp text font, size, and style. Click the Text Color box to change the text color.

If you want to have a background color for the timestamp text, check off Background color and click the background color box to specify a background color. For transparent timestamp text, uncheck the Background color option.

There is a nine-square grid for timestamp positioning. Click the desired square to set the position of the timestamp.

Click the Preview button to preview the timestamp.

**Caption** - Click the Caption button and check off the Caption option box to add caption to your photos. Enter caption text in the caption entry box. Select a text font, size, and style. Click the Text Color box to change the text color.

If you want to have a background color for the text, check off Background color and click the background color box to specify a background color. For transparent text, uncheck the Background color option.

There is a nine-square grid for caption positioning. Click the desired square to set the position of the caption.

Click the Preview button to preview the caption.

Click the Next button to move on to the next wizard page or the Back button to return to the previous wizard page.

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Process Photos > Rename and Arrange

## Rename and Arrange (Step 5 of 6)

You can rename and rearrange the order your photos listed on the Rename and Arrange wizard page.

Select one or more photos, and drag and drop on top of another photo where you want to insert in order to rearrange the list order. You may select one or more photos, click on your selection without releasing the mouse button and use the middle mouse wheel to scroll up and down the page, releasing the mouse button at where you want to insert your selection. An X sign will be displayed where drop is not accepted. If you drop the selected photo(s) when an X sign is displayed, it will be automatically placed at the end of the sequence.

pcPhotos lets you rename a group of files so that your photos will always be displayed in the order you want it. You can select one or more photos and click the Rename button to add prefix, like the album name, and serialize photo names. You can use the Rename button, Restore Name function to restore photo names. Photo names cannot be restored once you leave this page.

Example: The following entry will rename all your photos with the word Anniversary at the beginning of all new file names, followed by a dash between spaces, and then 100000, 100001, and so on enclosed in parentheses.

File name: Anniversary

Starting serial number: 10000

You can use the Sort button to sort photos alphabetically or according to photo time. You can use the Sort button, Restore Sequence function to restore photo sequence. The photo sequence cannot be restored once you leave this page.

You can use the Set Time button to use the current time as the photo time or use the original photo time as the photo time. You can use the Set Time button, Restore Photo Time function to restore photo time. Photo time cannot be restored once you leave this page.

You can click the Abort button to abort a unfinished action. If you don't like the changes, you can click the Recreate button to reload the photos and start over. You can select one or more photos and click the Remove

button to manually remove them from your album.

Note: There are two places you can find the Recreate function: on the Fix and Enhance wizard page and on the Rename and Arrange wizard page. Once photos are generated in an album, they will not be automatically updated when you change your design. If you change the page layout such as the size of album or border, you have to select the photos you want to apply the new design to and recreate them. It is by design to make the program moving fast from page to page without updating the pictures each time when you go through each page.

Using the Recreate feature, you can mix the design in the same album. If you change watermark, caption, or timestamp and you want the new changes to reflect in some of the pictures on the final Rename and Arrange wizard page (the thumbnails on this page are the final pictures before export), you can select those pictures you want to update and use the Recreate button to regenerate the selected photos. If you want to recreate all the photos, use the File/Reset Album menu to do so. The Reset menu will keep all the design settings, including the list of the original photos, but force the album to recreate all the photos in the album using the latest design selections.

Click the Next button to move on to the next wizard page or the Back button to return to the previous wizard page.

See Also:  
Design

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Process Photos > Share

## Share (Step 6 of 6)

**Export Now:** You are ready to finish your photo album on the Share wizard page to export it to a folder of your choice, such as to the folder on your computer that interfaces with your iPad via USB connection, or to a flash card or USB memory stick. Click the Browse button to select your target folder and click the Export Now button to export your photos.

**Start Program:** You have the option to launch iTunes, Facebook, Flickr, your default E-Mail program, Explorer (or none) from the pulldown menu. If you want to transfer your photos to iPad, first export your photos to a folder of your choice using the Export Now function above. Then, launch iTunes to transfer your photos from your export folder to iPad. If you select E-Mail, pcPhotos will send all your final photos in the album to your E-mail client as attachment.

**Finish:** When you are done, click the Finish button to exit the program. You will be asked to save the script, which has all the information of your photo selection and option settings. If you choose Yes, everything will be there when you reopen the album. Click the Back button if you want to go back to review your album or to make changes.

Click the Back button to return to the previous wizard page or the Export button to finish and export your album.

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Uninstalling pcPhotos

## Uninstalling pcPhotos

FileStream pcPhotos complies with Windows XP/Vista/7 install and uninstall standards by providing an entry in the Control Panel Programs and Features (Windows Vista/7) or Add/Remove programs (Windows XP) section. Simply select FileStream pcPhotos from the programs list and click the Uninstall/Change (Windows Vista/7) or the Change/Remove (Windows XP) button to begin the uninstall process.

 If you have placed any additional files in the pcPhotos installation folder, they will not be deleted. Uninstall will also not delete any photos saved in albums created by pcPhotos. You will have to manually delete these files and folders after you uninstall the program if you want to.

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