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ArcSoft® PhotoStudio® Darkroom is an exciting, new software application that focuses on non-destructive imaging processing for RAW, JPEG, and TIFF image files. The program offers both professionals and hobbyists a complete set of enhancement tools and export options inside a thoughtfully-designed, professional user interface.

# ArcSoft® PhotoStudio® Darkroom

Powerful tools to develop your RAW images

## Designed for Pros

Whether you're working with hundreds of images or just a small group, the program's speed and professional workflow design make for fast and efficient image processing. You can preview in real-time, then compare, enhance and export a full collection of photos with complete ease.

## RAW Image Support

The program fully supports RAW files by Adobe DNG, Canon, Epson RAW, FujiFilm, Kodak, Konica Minolta, Leica, Mamiya, Nikon, Olympus, Panasonic, Pentax, Ricoh, Samsung, Sigma, and Sony. You can also convert proprietary RAW image file formats into Adobe's standard RAW format (DNG) for archiving.

## Import Directly

The program recognizes the connected camera or removable drive in real-time, so you can quickly import all your photos.

## Non-destructive Image Editing

All image adjustments are saved as a set of associated enhancement parameters (exposure, crop, white balance, color space, curves, levels, etc.), and never actually applied to the original image itself. This way, you can restore photos to their original "as shot" state at any time and export multiple versions of one photo using a variety of settings.

## Exposure Adjustment

The Exposure panel provides a variety of options for finding the correct image exposure value including an auto-exposure button, a manual-adjust slider, and an exposure-select tool. Brightness & Contrast and Hue & Saturation sliders are provided as well.

## White Balance

The White Balance tool gives you a complete set of pre-defined options (daylight, tungsten, fluorescent, shade, etc.) and a custom tool that enables you to set the white balance yourself by defining "white" within the photo with a single click. Temperature and Tint sliders enable you to refine your color adjustments even further.

## De-noise and Sharpen

User-friendly slider controls remove chromatic and luminance noise and enable you to raise the level of sharpness.

## Curves and Levels

The Curves and Levels feature provides manual adjustment controls and pre-defined options (linear, medium contrast, strong contrast). Adjustments can be applied to the full image or the individual R, G, B channels.

## Crop and Straighten

You can crop an image to one of many pre-defined aspect ratios or use a custom shape. Using the Straighten slider instantly activates a grid overlay that helps you determine the best rotation setting for the image.

## Color Adjustments

This set of adjustment options include CMYK, RGB and luminance controls for precisely enhancing color tone. The same split toning and luminance controls remain available in both Sepia and Black & White mode.

## Lens Corrections

To compensate for common hardware limitations, the lens correction tools fix issues such as purple fringe, vignetting, barrel distortion, pincushion distortion, and perspective distortion.

## High Quality Image Output

Export processed RAW files as high-quality JPEG (lossless to high compressed), or TIFF (24 or 48-bit).

## One-Click Recipes

Once you've made modifications to a photo, you can save the parameters as a "recipe" that you can apply to any other photo with a single click. You can also apply a recipe to an entire group of photos using the Batch Export feature.

## One-Click Spot & Patch Removal

The Spot & Patch removal tool removes specs of dust and other unwanted lens or sensor imperfections with one click. It also works great on scars and other skin blemishes.

## Automatic Red-Eye Removal

Like magic, the automatic red-eye removal feature finds and fixes all instances of red-eye in the photo with a single click.



**Time-saving Batch Export**

Instead of having to export each processed image one-at-a-time, you can export them all in a single step. Renaming and reformatting the files to TIFF or JPEG is automated. You can even apply a recipe to each image during export - an easy way to enhance hundreds of photos in an instant.

**View Before and After or Side-by-Side**

To see how much your original image is being changed, use the Before-After view to see the original version of the active image right next to the version you're currently working on. Or use the Side-by-Side view to display two different files at once.

**Support for 6 color spaces**

Work in (and convert to): sRGB IEC61966-1, Adobe RGB (1998), Apple RGB, ColorMatch RGB, ProPhoto RGB and WideGamut RGB.

**Multiple Image Processing**

A Photo Bin below the main workspace gives you quick access to all your image files - allowing you to quickly move from file to file. All modifications made to your photos are reflected in real time on the thumbnails as you work but not saved until you choose to export.

**Built-In Photo Browser**

A new photo browser gives you lightning fast performance, multiple thumbnail views, and the ability to easily view and select images for processing (RAW, JPEG, and TIFF).



Color Effect



Crop &amp; Straighten



Lens Correction



White Balance

**SYSTEM REQUIREMENTS**

**Windows:** • Microsoft Windows 2000/ XP/ Vista • Pentium III / AMD Athlon processor or equivalent (Pentium 4 / AMD Athlon XP or equivalent recommended) • 512 MB RAM (768 MB recommended) • 50 MB available hard disk space • 800 x 600 pixels, 16-bit color monitor (1024 x 768 or higher recommended)

**Mac:** • OS X 10.3 or higher • Power PC G4 processor or equivalent (Power PC G5 or Intel Core Duo processor recommended) • 512 MB RAM (768 MB recommended) • 50 MB available hard disk space • 800 x 600 pixels, 16-bit color monitor

**Languages:** English, French, Italian, German, Spanish, Dutch, Brazilian Portuguese, Japanese, Simplified Chinese, Traditional Chinese, Korean, Russian, Swedish, Turkish, Polish, Czech, Greek, Danish, Norwegian, and Slovak

**MSRP:** \$99.99

