

HDR PhotoStudio™



The most accurate application of its kind, *HDR PhotoStudio* is the only solution capable of creating HDR images that truly unlock the full range of color as perceived by human vision. For photographers, the software grants complete control over the colors within an image and provides a comprehensive toolbox to address the effects of merging multiple exposures, while simultaneously improving workflow.

While most HDR-capable software, including Adobe Photoshop and Photomatix Pro, is forced to degrade image quality to bring an HDR photo into a color range it can manage, often losing image data and clipping the full scope of colors in the process, HDR PhotoStudio's unique floating-point technology can accurately depict and edit the entire 32-bit color gamut to enable the most true-to-life look for HDR images.

HDR PhotoStudio gives photographers total control over characteristics such as brightness, contrast, shadow and highlights while preserving the maximum color spectrum. The advanced capabilities of *HDR PhotoStudio* mean any adjustments to image brightness (including brightness, contrast, shadow/highlight, sharpness, etc.) will not affect the color tones of the image. Likewise, when color tones (such as white balance, saturation, color tuning, etc.) are changed, the brightness and contrast will remain intact.

HDR PhotoStudio also offers a comprehensive toolbox that addresses some of the common difficulties in HDR photography. Combined with Unified Color's performance-boosting architecture, this feature set helps reduce processing time to improve overall workflow. The toolbox includes Unified Color's patented noise reduction techniques to eliminate brightness noise and color noise without sacrificing overall image quality. Another tool, only available to *HDR PhotoStudio* users, is the unique Veiling Glare adjustment to cut down on the reflective light present in any picture, but is compounded when merging multiple exposures.

Additionally, the software supports Unified Color's native BEF file format which enables the best HDR image compression in the industry so photographers can easily manage and archive the large resulting files. A BEF converting Photoshop plug-in allows the finalized HDR image to then be applied to a Photoshop project once *HDR PhotoStudio* has helped users bypass the HDR-related limitations of Adobe's software. *HDR PhotoStudio* also supports the RAW files from all the major camera manufacturers as well as TIF, JPEG, BMP and OpenEXR formats.

Image Editing Operations

IMAGE ROTATION, CROPPING AND IMAGE RESIZING

BRIGHTNESS AND CONTRAST ADJUSTMENTS TO PROVIDE THE ABILITY TO SET A BRIGHT POINT OR A NEUTRAL TONE IN AN IMAGE

SIMPLE HALO REDUCTION SLIDER TO MANAGE ANY HALO ARTIFACTS

SHADOW AND HIGHLIGHT ADJUSTMENTS FOR POWERFUL DYNAMIC RANGE MAPPING AND SELECTION OF MIDTONES

SHARPNESS TOGGLE TO CONTROL IMAGE BLUR

WHITE BALANCE PRESETS AND A COLOR TEMPERATURE SLIDER TO CONTROL IMAGE COLOR BALANCE

POWERFUL AND UNIQUE COLOR TUNING WHEN SOURCE-TARGETING

COLOR TONE EQUALIZER ALLOWS MANAGEMENT OF SATURATION AND HUE IN ALL BASIC COLOR CHANNELS SIMULTANEOUSLY

PRESET TINTING OPTIONS FOR BLACK & WHITE OR MONOCHROME

CUSTOMIZABLE RECIPE BUTTON IMPROVES WORKFLOW BY SAVING THE TRAIL OF EDITING OPERATIONS