

# BETTERLIGHT SUPER 8K-HS ...the Fine Art Printmakers Choice

## Versatile capture system for fine art copy work and large print reproductions

The Better Light Super8K-HS offers an exceptional combination of image quality and file size unmatched by any other digital camera system. With its wide dynamic range, superb color fidelity, and adjustable resolution up to 12000 x 15990 pixels, the Super8K-HS raises digital imaging standards to new levels of performance.

Better Light scanning cameras are among the finest tools available for copy and restoration work, with no film grain and accurate neutrals using any light source. Museums, color labs and service bureaus utilize Better Light scanning backs for extraordinary reproductions and critical digital archiving. The color balance and toning controls in the camera software provide exceptional control over the reproduction of delicate pastels or vibrant oil paintings. The ultra-high resolution, wide color gamut, and outstanding dynamic range of the Better Light Super8K-HS will produce an accurate rendition of any original, right down to the texture of the media.

Record first-generation digital images with perfect, uninterpolated pixel data up to 8000 x 10660 pixels (488 MB 48-bit RGB file). Or, choose Enhanced Resolution™ settings up to 12000 x 15990 pixels (1.1 GB), to produce larger file sizes from cropped images, or to increase scanning resolution to avoid moiré patterns. Unlike post-capture interpolation, these Enhanced Resolution settings record additional image information during the scan, for sharper, more detailed reproductions.

Easy to use with any 4x5 view camera or copy stand, the Better Light Super 8K produces the finest image quality with precise digital control of all operating parameters. Rapid prescans with on-screen exposure tools provide comprehensive information about image data values for perfect renditions; digital focus verification allows exact focus using the CCD itself, for unparalleled sharpness and clarity in every scan.

## TECHNICAL FEATURES – Super 8K™

- 384 Megapixels - 300 ppi at 40" x 53.3"
- Eighteen resolution settings up to 12000 x 15990 (1.1 GB RGB)
- Capture 1.1 GB color images in as little as 100 seconds
- Adjustable ISO sensitivity from 125 to 2000 (daylight)
- Triple 14-bit ADCs — up to 345 million pixels per minute
- 40 GB\* internal disk drive for offline image capture
- Kodak trilinear color CCD technology
- Single-pass color or monochrome scanning
- 50/60 Hz line-frequency flicker rejection
- Line exposure time selectable from 1/8 to 1/160 second
- Continuously adjustable color balance in 0.1 CC steps
- 12-stop dynamic range; 14-bit data converters
- Save 8 or 16 bits per color (24 or 48-bit color images)
- Flawless resolution reductions without aliasing
- Fractional-pixel averaging always uses all CCD data
- Scan area 72 x 96 mm (2.83" x 3.78"); 120 mm diagonal
- Insert weight .96 kg (34 ounces)
- 4.6 meter (15 foot) cable from insert to control unit
- Hi-Speed USB-2 interface from control unit to host computer
- Compact control unit includes dedicated disk drive
- Flash memory for easy upgrades without opening unit
- Universal AC input 90-260 VAC, 50/60 Hz

\* 80 GB hard drive available at additional cost.

## SOFTWARE FEATURES

### Straightforward user interface

- Primary camera controls and settings visible at a glance
- Color preview with manual and proportional cropping
- Scan progress indicator shows CCD position during scan

### Digital exposure information

- "Fast preview" shortens scan times to as little as 6 seconds
- Digital spot meter with RGB data and histogram displays
- ToneZones provides colorized preview of exposure values

### Digital focus verification

- Eliminate focus errors by using the CCD for focusing
- On-screen display indicates best focus graphically
- SuperView gives fast, full-resolution focus preview

### Automatic color balance for perfect neutrals

- Accurate gray balance from highlight to shadow
- Color balance readjusts the camera, not the output data
- Load custom ICC camera profiles for most accurate color

### Processing curve editor

- Precise control of tones from brightest highlights to shadows
- Pre-set tone curves for a variety of common environments
- Invert option to view negative images as positive

### Image File Management

- Save files as "RAW", 16 or 8-bit TIFF, or DNG
- Hard drive storage provides backup and ability to resave file
- Image info and user notes saved with each TIFF file

