

BETTERLIGHT model 6000-HS...the Agile Performer

The precision digital imaging solution for commercial and advertising studios

The Better Light model 6000 has established itself as a reliable, cost-effective problem solver for a wide variety of digital imaging applications. In the studio or on location, the model 6000 delivers image quality superior to 4x5 transparency film, with an unprecedented level of accuracy and control.

The model 6000 assures quality image capture for any size reproduction -- full-page ad, 2-page spread, even large display prints! Precise digital controls for color balance, exposure, and tonal rendition optimize every image to a new level of perfection, while rapid scan times deliver finished images in a fraction of the time previously required.

Record first-generation digital images with perfect, uninterpolated pixel data up to 6000 x 8000 pixels (274 MB 48-bit RGB file). Eight selectable resolution levels optimize

scan times and image sizes to job requirements. Smaller files are as sharp and clean as full resolution files, since no subsampling of data is done to reduce resolution.

Work with your existing 4x5 view camera and lenses, in the studio or on location. Focus and compose normally on the ground glass and insert the Better Light scan back just like a film holder. Use any continuous light source, including daylight, HID, fluorescent, HMI or tungsten; line-frequency flicker rejection even allows the use of standard magnetic-ballast fluorescent or HMI lights.

Easy-to-use camera software enhances productivity and keeps your attention on creativity in front of the lens. Rapid prescans provide accurate feedback about image composition and exposure, allowing each image to be quickly adjusted to a level of perfection well beyond the capabilities of film.

TECHNICAL FEATURES – model 6000*

- 144 Megapixels - 300 ppi at 20" x 26.7"
- Eight resolution settings up to 6000 x 8000 (274 MB RGB)
- Capture 274 MB color images in as little as 35 seconds
- Adjustable ISO sensitivity from 200 to 3200 (daylight) [6000-HS]
- Adjustable ISO sensitivity from 100 to 1600 (daylight) [6000E-HS]
- Triple 14-bit ADCs — up to 247 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 1/240 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 disk dedicated drive
- Flash memory for easy upgrades without opening unit
- Universal AC input 90-260 VAC, 50/60 Hz

* 6000E-HS Model is a new scanning back using a recycled CCD (100 ISO).

** 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 4 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

