

BETTERLIGHT

model 6000 ...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 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, 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 (137 MB 24-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, 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

- Eight resolution settings up to 6000 x 8000 (137 MB RGB)
- Capture 137 MB color images in as little as 66 seconds
- Adjustable ISO sensitivity from 100 to 1600 (daylight)
- Triple 12-bit ADCs — up to 130 million pixels per minute
- 4 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 1/120 second
- Continuously adjustable color balance in 0.1 CC steps
- 11 f-stop dynamic range; 14-bit data path & lookup tables
- 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 0.96 kg (34 ounces)
- 4.6 meter (15 foot) cable from insert to control unit
- SCSI-2 interface from control unit to host computer
- Compact control unit includes disk drive and AC supply
- Flash memory for easy upgrades without opening unit
- Universal AC input 90-260 VAC, 50/60 Hz

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 8 seconds
- Digital spot meter with RGB data and histogram readouts
- Preview image "clipping" highlights any range of values

Digital focus verification

- On-screen display indicates best focus graphically
- Eliminate focus errors by using the CCD for focusing

Automatic color balance for perfect neutrals

- Accurate gray balance from highlight to shadow
- Color balance readjusts the camera, not the output data

Processing curve editor

- Exposure and contrast up/down buttons for rapid changes
- Five- or seven-point controls for precise curve shaping

Image File Management

- Scan direct to RAM for rapid image file access
- Scan off line to free up host computer during long scans
- Image info and user notes saved with each TIFF file



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