BETTER LIGHT
ViewFinder™ 5.0

It Takes More than Pixels to Produce Exceptional Digital Images

ViewFinder™ 5.0 Digital Scanning Camera Software

The speed and precision of Better Light's award-winning digital scanning cameras have just been improved, with the introduction of our new ViewFinder™ 5.0 camera control software. This new software, which is compatible with all models of Better Light scanning cameras, can dramatically **reduce the setup time** required for each scan, while at the same time delivering an **unprecedented level of control** over every aspect of image capture.

Enhancements include a much **larger preview** and control panel window which can be adjusted to fit any size monitor. Immediate, accurate **updates of the existing preview image** now occur with changes to exposure, sensitivity, color balance, or tone curve. Other new features are **multiple spot readings** for automatic color balancing; **grids, crop mask** and **ToneZones™** to perfect each image; and the option to use **ICC profiles** for color management.

Better Light's "real time" scans remain the fastest of any unit on the market — for example, a full-color, 750 x 1000 pixel prescan can be completed in as little as eight seconds. Exclusive "Fast Prescan" and new "Crop Prescan" options can also reduce the prescan time in many situations.

ISO sensitivity is continuously adjustable to increase the versatility of Better Light scan backs for any type of photographic challenge; from art reproduction to landscapes, and a wide range of commercial studio and industrial applications. The new ViewFinder software features precise ISO adjustment in 1/10 f-stop increments, over more than four f-stops of overall range.

Color balance can be set automatically based on one to four readings of neutral tones in the preview image. A digital spot meter, histogram, customized tone curves, and ToneZones display, assist the photographer in quickly setting the perfect exposure and contrast for the subject and specific reproduction conditions.

To assure that each image is perfectly focused, Better Light includes a Digital Focus Verification tool that provides real-time feedback as the camera's focus is adjusted. This tool now features simultaneous monitoring of focus quality in all three colors, for unparalleled accuracy in setting critical focus for the most demanding situations.
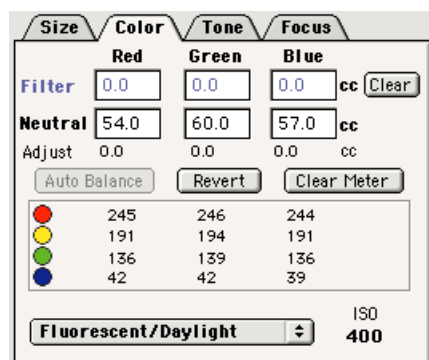
ViewFinder™ 5.0 software is currently available for both Macintosh PowerPC and Windows 98/NT/2000 computers.

Crop Tool
Magnifier Tool Zoom range of 16% to 800%
ToneZones™
Crop Mask
Scan Area Setting
Spot Meter Tool Up to 4 spots/image
Scroll Tool
Adjustable Grid
Set Line Time 1/3 f-stop increments
Set Resolution Up to 18 steps
Continuous ISO 1/10 f-stop increments
Battery Voltage Gauge for Portability Option
Capture Mode Color or Monochrome
Image Notes
Auto Suffixes to number images
Tab Panels
Lockable Crop Ratio to set image shape
Lockable File Size
Pop-up Menu for Customized Settings (also on Color & Tone tabs)
Digital Spot Meter RGB and EV Readings
Resizeable Window Minimum 800 x 600
Preview Image Zoom Amount
Scrolling Preview
Spot Meter Size
Histogram with spot meter indicators

BETTERLIGHT

ViewFinder™ 5.0 ...the Digital Command Center

The ViewFinder™ 5.0 software becomes the photographer's imaging workspace, offering a very large preview image, with zooming and scrolling, to judge exposure and composition. All exposure, sensitivity, color balance, and contrast/brightness adjustments will immediately update the existing preview image, without requiring additional prescans. In many situations, one prescan may be all that is necessary before making the final scan.

BIG SCREEN PREVIEW
The main window is resizable to fit your entire monitor, regardless of its resolution. The right hand control panel remains fixed in size, while the rest of the window is available for evaluating the preview image. Zooming and scrolling allow critical inspection of every pixel, without unwanted artifacts.

LIVE UPDATES TO PREVIEW
Changes made to the scan back's exposure, ISO sensitivity, color balance, or tone curve settings will be immediately displayed on the existing preview image. The digital image data values also update with these changes, allowing precise digital metering of highlights, shadows, and color balance as adjustments are made.

CROPPING and FILE SIZE
Image size can be set several ways, or locked to prevent inadvertent changes:
- Manual entry of size in pixels, inches or metric notations
- Click & Drag the cropping rectangle
- Enlarge or reduce the Scan Area proportionally with up/down buttons
- Increase or decrease the Resolution setting to control final file size

A pop-up menu can be used to define and save preset crop sizes — helpful for catalog layout formats and standard page sizes.

FLEXIBLE EXPOSURE CONTROLS
Primary Line Time settings provide five f-stops of exposure range in 1/3 f-stop increments. ISO sensitivity can also be stepped in 1/10 f-stop intervals over another five f-stops of range, or adjusted independently for each color with 1/10 CC precision. See and measure the effects of any exposure changes without capturing additional prescans, for rapid fine-tuning of every image.

TONE CURVES
The photographer has total control over every data bit — there are no "hidden" curves to clip data. Tone levels of each image can be determined using a variety of supplied tone curves, or customized curves can be quickly made and saved by clicking and dragging on any curve. Global changes to Brightness or Contrast can also be made with the click of a button. All changes are accurately displayed on the existing preview - no need to do a new prescan.
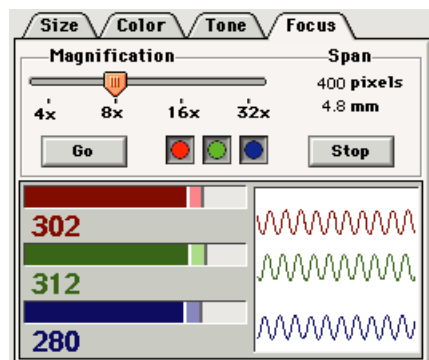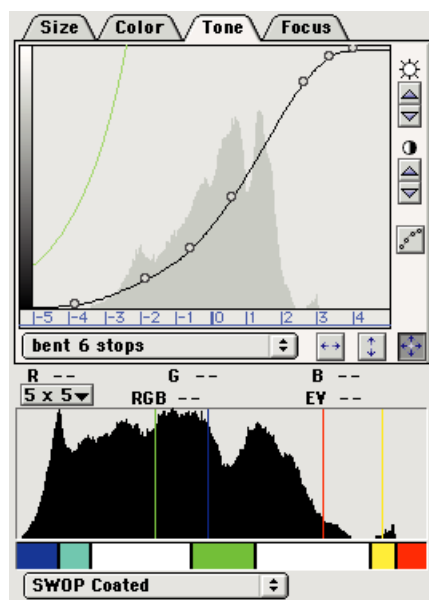
DIGITAL SPOT METER
A precise digital spot meter aids in fine-tuning exposure, color, and contrast levels. The spot meter tool can store up to four neutral points that will be used to determine the automatic color balance correction; the required adjustments will be displayed as soon as any spot is stored, and the existing prescan image will be updated immediately when this correction is applied. Regardless of the selected cursor tool, the spot meter readouts are active whenever the cursor is within the preview image area.

TONE ZONES™
This easy-to-use exposure tool assigns false colors to user-defined ranges of data in the preview image, to quickly identify areas within specific ranges of exposure. This feature can be used to rapidly locate areas that might be under- or over-exposed, or to adjust certain regions of an image into a specified data range. The start and end values for each data range, and the false color (if any) used for each range, can be set from the main screen. As with the normal preview image, any changes to exposure, sensitivity, color balance, or tone curve will be immediately reflected in the false-colored ToneZones display. A variety of ToneZones setups can be saved in a pop-up menu, for instant recall of different exposure guidelines.

PRECISION FOCUS
The Digital Focus Verification tool provides an extremely accurate confirmation of focus for each color channel, using real-time graphical and numeric displays to assist in obtaining optimum resolution. This tool is the most accurate means for ensuring sharpness in reprographic setups or with complicated camera movements; focus is verified with the scan back in place, and the lens at working aperture, to eliminate all potential sources of error. Since many lenses do not focus all colors to a common plane, this tool now lets you monitor focus quality in all three colors simultaneously, to rapidly determine the best overall focus for each situation.

SYSTEM REQUIREMENTS:
Macintosh:
OS 8.1 or later (with SCSI Manager 4.3)
PowerPC 603 processor or better
PC:
Windows 98/NT/2000
Pentium II processor or better
Common requirements:
24-bit color graphics display with
800 x 600 minimum resolution
SCSI-2 Interface (HD-50), built-in or plug-in card
25 MB free hard drive space for application
32 MB RAM (Additional RAM required for
Scan-to-RAM operation)
Color graphics card 8-bit minimum, 24-bit recommended

Visit our website: www.betterlight.com

BETTERLIGHT
...simply better digital images

BETTER LIGHT, INC. • 1200 Industrial Road, #17 • San Carlos, CA 94070-4129
Phone: **650-631-3680** • Fax: **650-631-2915** • Email: **sales@betterlight.com**