i1Profiler

The included i1Profiler software

i1Profiler offers an unprecedented level of flexibility and features a number of unique color management capabilities adding power and control in creating professional quality profiles. You can choose between a 'basic', wizard-driven interface; or an 'advanced', user-driven interface to create high quality, precise, custom color profiles for monitors, projectors, printers, and presses.

i1Profiler unique capabilities include:

- Driven by X-Rite's i1Prism color engine, **Create highest quality professional color profiles** for monitors, projectors, proofers and RGB/CMYK+ printers
- **Compensate for optical brighteners** in papers under different light sources
- **Optimize profiles** based on ambient light, specific images and spot colors
- **Advanced Controls for Black Separation** offering significant ink savings
- **White point editing** for fine-tuning profiles
- **Quality assurance** for soft proofing on monitors and verifying output quality on printers
- **Spot color measurement** for critical color match

i1Profiler unique capabilities include:

Monitor

- Unlimited gamma, white point, and luminance settings (also measure other displays or light sources and use as targets)
- Create profiles for any ambient light condition for optimal viewing of color critical work
- Utilize presets for video production workflows
- Workgroup match utilizing reference profiles to match all monitors
- Gray balance optimization for more neutral and better defined grays, in any lighting condition
- Chromatic adaptation formula for a closer visual match of different monitors (or of different settings on one monitor) with different white points
- Monitor Quality Assurance – validate and trend monitor performance
- X-Rite's Automatic Display Calibration (ADC) to automatically control and adjust display hardware settings

Digital Projector

- Build an accurate on-screen profile in just a few minutes – just as easy as building a monitor profile
- Takes room conditions into consideration when creating profile – projected colors, screen color and room lighting

Printer

- Intelligent iterative profiling technology ensures your output is reproduced accurately from print to print and printer to printer
- Unmatched quality for smoothness, highlight and shadow detail
- Utilize Optical Brightener Compensation (OBC) functionality to account for paper optical brighteners
- Optimize profiles based on your images for specific colors, black & white, or flesh tones, PANTONE libraries and captured spot colors
- Supports high patch count test charts for the most accurate printer profiles – ideal for fine art printing and proofing
- Keep color correct over time and between runs by using the linearization feature to bring your printer back to it's profiled state
- Choose from standard test charts or easily build your own to meet your specific color and paper size requirements
- Capture true colors with flash and ambient light measurements – easily apply to output profiles for your gallery, studio or retail environment's lighting conditions for perfect color match
- Quickly check color output quality and optical brighteners with ColorChecker Proof visual assessment target