Coloratti © Kevin Wilson

PROFESSIONAL COLOR MANAGEMENT SOLUTIONS

Color. Perfected.

x-rite

PANTONE®

Color Perfectionists Unite!

The new standard of color perfection.

*No matter which type of Color Perfectionist you are, you're sure to **maximize profitability and minimize wasted time, ink and paper.***

Coloratti © Kevin Wilson

i1 Professional Color Management Solutions provide a new level of perfection and value for the most demanding Color Perfectionists.

Color Perfectionists know that calibrated and profiled devices and systems are a critical and essential part of a successful, efficient, creative workflow. What you capture on your camera, see on your monitor (or projector), view on your proofs, prints and presses, or share online has to match or you and your customers will never be happy with the result, no matter how much time you devote to perfecting it.

Color Perfectionists and Imaging Professionals the world over rely on the range of i1 color management solutions for the highest level of color accuracy in the industry from CAPTURE to VIEW to VIDEO to PRINT.

X-Rite delivers a new family of i1 Professional Color Management Solutions. The bar has been raised higher than it's ever been to deliver a range of incredibly comprehensive, versatile and accurate color measurement, calibration and profiling solutions.

We redesigned everything to maximize your profitability, efficiency and accuracy. Whether you are looking for a solution to color manage your displays only or you need a comprehensive solution for your entire workflow, i1 solutions have long been the professional's choice for exceptional color matching results.

There's never been a better time to invest in an i1 solution. Color Perfectionists everywhere, whether you are a new consumer or current customer looking to upgrade, will love the results.

i1DISPLAY PRO

The i1Display Pro is the ultimate choice for discerning photographers, filmmakers, designers or any imaging professionals looking for the highest on screen color accuracy for displays, laptops and projectors. i1Display Pro provides serious Color Perfectionists with the perfect balance between speed, options and controls for unrivaled color precision.

i1BASIC PRO 2

i1Basic Pro 2 is a fundamental solution for professional level monitor and projector profiling, monitor and printing quality verification, and spot color measurement. Designed for an imaging professional's unique needs, i1Basic Pro is ideal for an effective workflow in a color-managed ecosystem.

i1PHOTO PRO 2

i1Photo Pro 2 is specifically designed for discerning photo and filmmaker professionals to manage their cameras, displays, projectors, scanners and RGB printers. Photographers will enjoy the highest quality color results that especially target highlight and shadow details and delivers greater color accuracy for more neutral grays and natural skin tones. With the new Optical Brightener Compensation capability, photographers can even optimize their prints by taking into account optical brightening agents often found in photo papers and create output profiles for specific lighting conditions in studios or galleries, or wherever the print will be displayed.

i1PUBLISH PRO 2

i1Publish Pro 2 is designed for imaging professionals working in prepress, digital printing, photography or design who rely on accurate color throughout their digital workflow – from cameras, monitors and projectors, scanners to RGB and CMYK+any4 printers and presses. Get the most color accurate displays, scans, prints and proofs, with repeatable results every time. With the included QA functions you'll also be able to check soft proofs on your monitor and verify output quality for your printer. With the Optical Brightener Compensation (OBC) capability users can easily adapt to any non-standard viewing environment. With the new M1 measurement capability, imaging professionals can rely on consistent measurement for visual matching under emerging industry standard viewing conditions.

i1PUBLISH

i1Publish is the ideal software suite for those customers who already own an i1Pro or i1iSis and rely on accurate color throughout their digital workflow. i1Publish includes the software and targets you need to get color accurate cameras, monitors, projectors, scanners, RGB and CMYK+ printers – with repeatable results every time. *(i1Pro 2 spectrophotometer not included.)*

i1PUBLISH AND i1PUBLISH PRO 2 UPGRADES

For current customers looking to upgrade, now is the perfect time to upgrade to the most accurate and reliable calibration and profiling solutions available on the market. Your investment will immediately begin paying for itself in reduced time, ink and paper. (Not to mention the ability to deal with the challenges caused by optical brightening agents.) Choose between an i1Publish software only upgrade or the even more powerful i1Publish Pro 2 hardware and software upgrade.

i1 ESSENTIAL COMPONENTS

Each i1 Pro solution combines world-class hardware and software delivering the ultimate professional level color management solutions for imaging pros.

i1 HARDWARE - Incredibly forward thinking to protect your investment well into the future.
Whether you're choosing a colorimeter based solution for your displays only or a spectrophotometer based solution for your entire professional imaging workflow, you'll be assured that you are getting world class devices designed to maximize your profitability, efficiency and accuracy. And our automated chart readers will add another level of productivity that will quickly get you to perfect color.

i1DISPLAY PRO COLORIMETER
Technologically advanced colorimeter for displays and projectors
i1Display Pro colorimeter features an advanced, high-end, optical system with custom-designed filters that provide a near perfect match to the color perception of the human visual system, delivering superior color measurement results. i1Display Pro supports all modern display technologies, including LED backlight and wide gamut displays. And it's spectrally calibrated, making it fully field upgradeable to support future display technologies.
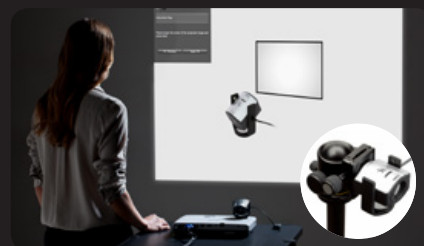
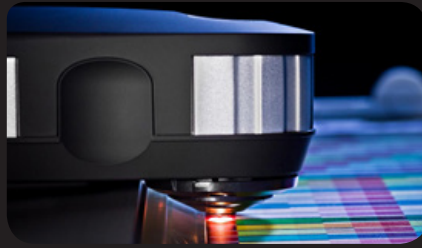**The ergonomic all-in-one design combines three important functions:**

Ambient Light Measurement – an integrated ambient measurement diffuser allows you to take ambient light measurements of your work environment.

Display Profiling – rotate the ambient diffuser arm and adjust integrated counterweight, with push button action, along the USB cord for display profiling ease.

Projector Profiling – rotate the ambient diffuser arm to use as a tabletop stand for device positioning, or use the built-in threaded tripod mount for larger venues.

i1PRO 2 SPECTROPHOTOMETER

The most accurate, versatile and reliable profiling device available today

Built upon the success of X-Rite's i1Pro spectrophotometer as the de facto industry standard for more than a decade, i1Pro 2 features the next generation of our industry-leading technology delivering increased accuracy, ease of use and an expanded professional-level feature set including the latest developments in ISO standardization.

Highlights:

New illuminant design allows for 3 standard measurement conditions (ISO 13655 M0: Tungsten; ISO 13655 M1: D50; ISO 13655 M2: UV Cut) plus Optical Brightener Compensation (OBC) without changing filters or needing a second instrument and ensures your investment well into the future.

Enhanced Optical Brightener Compensation allows for the most accurate profiling for today's enhanced range of substrates. Now users can predict what colors printed on optically brightened paper will look like under both standard and specific light conditions using a single hand-held device.

Positioning Detection Sensor provides a more robust scanning experience even on special substrates and low-resolution printers. It allows for the measurement of smaller patch sizes (as low as 7mm) in manual mode saving time and money on consumables and enabling dual measurement workflows for OBC, M1 and M2.

New Status LED guides users through the measurement process and provides feedback on device status, improving the user experience and saving time.

New Design Ergonomics throughout allows for greater usability, flexibility, cleaning, protection, and storage of the precision i1Pro 2 device, assuring the highest level of reliability and productivity.

Better temperature stability and higher brightness levels improve emissive measurement, resulting in the best possible calibration and profiling of monitors and projectors.

All new diagnostics and self-correction features Built-in wavelength calibration technology allows for self-diagnosis of optical grating in relation to sensor during white calibration (with automatic correction and notifications) eliminating worry about your device's measurement accuracy.

Maintaining and protecting the device (and investment) is easier than ever Self-cleanable aperture protection glass and calibration white tile cover provides additional built-in protection from dust and dirt keeping your device working at top performance at all times.

XRGA equipped i1Pro 2 is equipped with the X-Rite Graphic Arts Standard (XRGA) to make it quicker and easier for companies and professionals involved in digital production printing to adhere to ISO standards and have confidence that data sent or received from all links in the supply chain is reliable and repeatable.
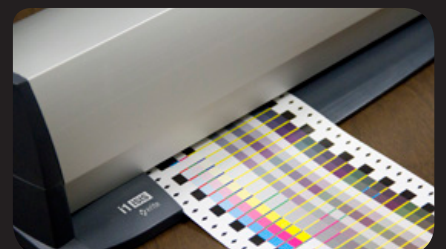
i1 AUTOMATED CHART READERS

i1iO

i1iO extends the power of your i1Pro 2 device by adding automated hands-free test chart reading capabilities on various substrates up to 10 mm – from thin polybag material to ceramics and textiles. Simply plug in the i1Pro 2 device, align the test chart, and the scanning table does all the work. Plus, you'll still maintain all the great versatile functionality provided by your i1Pro 2 solution.

This 2nd generation i1iO is delivered with a newly designed footplate that accommodates both the original i1Pro and the new i1Pro 2 spectrophotometers.

i1iSis

In high production environments like photo processing, large format, fine art and digital printing, measuring color test charts to keep your color management profiles up-to-date can be a labor intensive and time consuming process. i1iSis automated chart readers sets a new standard in terms of speed, accuracy and handling. It's available in both standard (A4+ and letter) and XL (A3+ and tabloid) sizes, reading thousands of patches in less than 10 minutes. Based on award-winning i1 spectral technology assures you'll capture full spectral data for the most accurate measurements and profiles.

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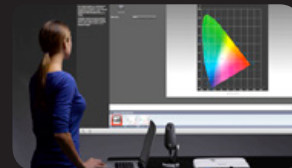
Digital Projector
- Build an accurate on-screen profile in just a few minutes – just as easy as building a monitor profile
- Takes room conditions into consideration when creating profile – projected colors, screen color and room lighting

Scanner
- Scanner profiling has never been so easy. Simply scan the target to generate high quality ICC profile.
- Software automatically detects and crops target.
- Supports the following targets:
  - ColorChecker Classic
  - ColorChecker Digital SG
  - Reflective IT 8.7/2
  - Transmissive 4x5 and 35mm IT 8.7/1

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

ColorChecker Camera Calibration System

This widely adapted profiling technology provides excellent results with just the mini 24-patch ColorChecker Classic target, producing custom camera profiles that work exceptionally well for Raw workflows, even in unusual artificial light sources. Whether you are shooting with just one camera or multiple cameras, you'll easily establish an accurate color foundation and maintain control of your colors.

- Minimize color differences between cameras and lenses
- Adapt for mixed lighting
- Make color balance match across different scenes
- Create dual illuminant profiles which takes into account two different light sources to create a single profile, which can be applied to an even wider variety of lighting conditions
- Includes Adobe® Lightroom® plug-in and stand alone desktop application.

PANTONE® Color Manager

- Automatically updates all PANTONE Color Libraries - and keeps them up to date
- Builds palettes of best match PANTONE colors that are auto extracted from your own images
- Enables any library or palette, including palettes extracted from images, to be used in i1Profiler spot color optimization of printer Profiles.
- Simulates and helps you visualize spot vs. 4-color process, including display and print gamut warnings to make it easy to identify any colors that cannot be properly printed on your target output device or properly displayed on your monitor
- Synchronizes spot color values to design applications

Accessories
i1Pro 2 accessories have been completely redesigned to maximize ease of use and efficiency.

i1Pro 2 Targets and Accessories

- Select i1Pro 2 solutions include both a ColorChecker Classic target [mini] for creating camera profiles and a ColorChecker Proof target for visual assessment needs.
- Every i1Pro 2 solution ships with an easy to use aluminum, solvent-resistant, ruler system making chart measurements extremely fast and easy with just one hand. Use the ruler as a stand-alone or with the included white-surfaced, sturdy, foldable back-up board. Rapid, error-free measurements are a certainty with the i1Pro 2 ruler system.
- Accessories include a beamer holder for hands-free projector profiling, monitor holder for accurate monitor profiling, ambient light measurement head and spot color positioning target, and a water-resistant, canvas carrying case making transporting and storing your i1 system a snap.

i1 SOLUTIONS AT A GLANCE

	i1Display Pro	i1Basic Pro 2	i1Photo Pro 2	i1Publish Pro 2	i1Publish Upgrades A&B	i1Publish Pro 2 Upgrades A&B
Hardware						
i1Display Pro Colorimeter	●					
i1Pro 2 Spectrophotometer		●	●	●		●
Software						
i1Profiler						
Display	●	●	●	●	●	●
Display QA	●	●	●	●	●	●
Projector	●	●	●	●	●	●
Scanner			●	●	●	●
RGB Printer			●	●	●	●
CMYK Printer				●	●	●
CMYK+ Printer				●	●	●
Printer QA		●	●	●	●	●
PANTONE Color Manager	●	●	●	●	●	●
ColorChecker Camera Profiling			●	●	●	●
Targets						
ColorChecker Classic (mini)			●	●	●	●
ColorChecker Proof			●	●	●	●

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i1Profiler Software Specifications

Macintosh®
- MacOS X 10.6.x, 10.7.x and 10.8x (with the latest updates installed)
- 512MB RAM (2GB recommended)
- Intel® Core Duo Processor
- Up to 500MB of available disk space (depending on components installed)
- Powered USB Port
- Monitor resolution of 1024x768 pixels or higher
- Dual display support requires either 2 video cards or a dual head video card that supports dual video LUTs being loaded
- DVD drive or high-speed internet connection required for software install, download and automatic software update
- User must have administrator rights to install and uninstall application

Windows®
- Microsoft® Windows® XP® 32 bit
- Microsoft® Windows Vista® 32 or 64 bit
- Microsoft® Windows 7® 32 or 64 bit
- Microsoft® Windows 8® 32 or 64 bit
- All operating systems require latest updates and Service Packs installed
- 512MB RAM (2GB recommended)
- Intel® Core 2 Duo or AMD® Athlon® XP or better CPU
- Up to 500MB of available disk space (depending on components installed)
- Powered USB Port
- Monitor resolution of 1024x768 pixels or higher
- Latest drivers for video card installed
- Dual display support requires either 2 video cards or a dual head video card that supports dual video LUTs being loaded
- Network adaptor installed and driver loaded
- DVD drive or high-speed internet connection required for software install, download and automatic software update
- User must have administrator rights to install and uninstall application

i1Profiler is available in the following languages:

- Chinese (Simplified)
- English
- French
- German
- Italian
- Japanese
- Portuguese
- Spanish
- Russian

i1 Hardware Specifications

Visit our website for complete hardware specifications.

xrite.com | xrite**photo**.com | pantone.com

x·rite

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