

COLOR PERFECTED



PROFESSIONAL
COLOR MANAGEMENT
SOLUTIONS



 x-rite
photo & video

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Color Perfectionists Unite!



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, mobile device 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.

Scores of 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 is delivering totally a new family of the i1 Professional Color Management Solutions. This new bar has been raised higher than ever before to deliver a range of incredibly comprehensive, versatile and extremely accurate color measurement, calibration and profiling solutions.



i1BASIC PRO 2:

i1Basic Pro 2 is a fundamental solution for all professional level display monitor and projector profiling, monitor and printing quality verification, and spot color measurement. And with the free **ColorTRUE** app, you can also calibrate your iOS and Android mobile devices for accurate color viewing of your images. Designed for any 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, mobile devices*, 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.

*requires download of free ColorTRUE app



i1PUBLISH PRO 2:

i1Publish Pro 2 is designed for imaging any professional working in the pre-press, digital printing, photography or design industry who rely on totally accurate color throughout their digital workflow – from cameras, scanners, monitors, mobile devices* and projectors, to RGB and CMYK+any 4 printers and presses. Get the most color accurate displays, scans, prints and proofs, with repeatable results every time.

i1Publish Pro 2 also includes QA functions to check soft proofs and verify output quality, Optical Brightener Compensation (OBC) to easily adapt to any non-standard viewing environment and **Device Link** for more accurate color source to destination conversions for stabilizing the printing process and/or saving ink in CMYK conversions.



i1DISPLAY PRO:

The **i1Display Pro** is the ultimate industry standard for discerning photographers, serious filmmakers, designers or any other imaging professional looking for the highest on screen color accuracy for displays, laptops and projectors. And, with the free **ColorTRUE** app, you can calibrate your iOS and Android mobile devices for accurate color viewing of your images. i1Display Pro provides serious Color Perfectionists with the perfect balance between speed, options and controls for unrivaled color precision.



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.



i1STUDIO

The all-in-one **i1Studio** is the only solution you need to profile your cameras, displays, projectors, scanners, mobile devices and printers. It's compact and easy to carry in its own protective bag so you are never without the means to create an expertly calibrated and profiled workflow whether at home, in studio or on the road.



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 KITS



i1 PHOTOGRAPHER KIT

The **i1 Photographer Kit** was created for discerning photographers looking for the highest level of on-screen color accuracy and the ability to achieve ideal color accuracy and control from capture to edit.



i1 FILMMAKER KIT

The **i1 Filmmaker Kit** was created for discerning filmmakers looking for the highest level of on-screen color accuracy and the ability to achieve ideal color balance from shoot to edit.

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.

i1 Essential Components | Hardware

i1 HARDWARE

Incredibly forward thinking to protect your investment well into the future.

Whether you're choosing a colorimeter 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.



i1STUDIO

The all-in-one i1Studio spectrophotometer

The only device you need to profile your monitors, projectors, scanners, mobile devices and printers. It's compact and easy to carry in it's own protective bag so you are never without the means to create an expertly calibrated and profiled workflow whether at home, in studio or on the road.

Highlights:

All-In-One Spectrophotometer

Integrated white calibration tile

Built-In Ambient Light Sensor

Spot Color Measurement





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.

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.

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.



i1DISPLAY PRO COLORIMETER

Technologically advanced colorimeter for displays and projectors

The ergonomic all-in-one design combines three important functions:

Ambient Light Measurement

Display Profiling

Projector Profiling

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.

i1 AUTOMATED CHART READERS



i1Pro 2 makes it easy to utilize the versatile functionality:

- Plug in the i1Pro 2 device
- Align the test chart
- Let the scanning table do the work

i1i0

- Extends the power of i1Pro 2 device
- Adds automated hands-free test chart
- Includes Reading capabilities on various substrates up to 10 mm
- Delivered with a newly designed footplate
- Accommodates both the original and new spectrophotometers.

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. Use the ruler as a stand-alone or with the included white-surfaced, sturdy, foldable back-up board.



i1iSis 2

Engineered for high production environments such as:

- Photo processing
- Large format
- Fine art and digital printing
- Photo processing

Features:

- Reads thousands of patches in less than 10 minutes
- Award-winning i1 spectral technology
- Captures full spectral data
- Most accurate measurements & profiles.



Automated chart readers set the new standard for speed, accuracy, and handling.

Available in:

- Standard (A4+ and letter)
- XL (A3+ and tabloid)

Accessories include:

- Beamer holder for hands-free projector profiling
- Monitor holder for accurate monitor profiling
- Ambient light measurement head and spot color positioning target
- Water-resistant, canvas carrying case making transporting and storing your i1 system easier



i1 SOFTWARE

i1 solutions include professional color management software so you can be assured of creating the most accurate profiles and efficiently managing your color from capture to view to print.

i1Studio Software:

The newly enhanced and intuitive i1Studio software delivers the perfect balance of automation with a full range of creative controls for photographers (and designers) looking for more options and control over their color.

PRINTER

- Dedicated Black & White Print module to create B&W profiles including High Contrast Neutral, Platinum and Sepia tones. *Exclusive to i1Studio, not available in i1Profiler Software.
- Custom RGB & CMYK printer profiling.
- Intelligent Iterative Profiling: an adaptive technology that produces optimized results for maximum color accuracy on each unique display every time you profile.
- New Data Save Workflow feature works with your schedule. Start the printer profiling process, pause it at any time and then resume automatically right where you left off.
- Profile Optimization: Create unique patch sets for optimal results - optimize your printer profile for specific colors, flesh tones or captured spot colors.
- Unmatched quality for smoothness, highlight and shadow detail.

PROJECTOR

- Build an accurate on-screen profile in minutes.
- Takes room conditions into consideration when creating profile.

SCANNER

- Simply scan the target to generate high quality ICC profile.
- Software automatically detects and crops target.
- Scanner Calibration and Profiling: Scanner profiling is super easy. Simply scan your Mini ColorChecker Classic Target to generate a high quality ICC profile. Supports these targets: ColorChecker Classic, ColorChecker Digital SG, Reflective IT 8.7/2, Transmissive 4x5 and 35mm IT8.7/1

MONITOR

- Flare Correct™ measures and adjusts your display profile for reduced contrast ratios caused by flare light (or glare) falling on surface of display. By accurately measuring your effective display contrast ratio, you'll have an even more accurate display profile.
- X-Rite Ambient Light Measurement – automatically determine the optimum display luminance for comparing prints to your display, based on a measurement of the lighting conditions where prints will be viewed.
- Video Standards Support: NTSC, PAL SECAM, Rec. 709, Rec. 2020 and DCI-P3.
- Extended User Controls: Custom control of white point, luminance, contrast ratio and gamma. Also, measure other displays or light sources and use as targets.
- Multiple Monitor Profiling: Color match up to four separate displays for color accuracy across all your workflow
- X-Rite's Automatic Display Calibration (ADC).
- Profile Validation and Reminder: Use include images or your own to view before and after results or use the 3D profile gamut viewer.





i1Profiler Software:

Includes all the features from i1Studio plus these advanced features:

PRINTER

- Utilize Optical Brightener compensation (OBC) functionality
- Supports high patch count charts for most accurate printer profiles – ideal for fine art printing and proofing
- Keep color correct over time and between runs by using the linearization feature
- Capture true colors with flash and ambient light measurements for perfect color match
- Quickly check output quality and optical brighteners with ColorChecker Proof visual assessment target
- Achieve accurate color source to destination conversions with Device Link
- Proofer
- RGB/CMYK+ printers

MONITOR

- Unlimited gamma, white point and luminance settings
- Workgroup match utilizing reference profiles
- Gray balance optimization for more neutral and better defined grays
- Chromatic adaptation formula for a closer visual match of different monitors
- Monitor Quality Assurance

UNIQUE CAPABILITIES

- Create highest quality professional color profiles
- Compensation for optical brighteners in papers
- Advanced controls for Black Separation
- White-point editing for fine-tuning profiles

i1 Essential Components | Software

ColorChecker Camera Calibration System

- Widely adapted profiling technology
- Create custom DNG and ICC camera profiles from any size 24 patch Classic target. (Also supports ICC profiles using Digital SG target.)
- Produces custom camera profiles that work exceptionally well for Raw workflows, even in unusual artificial light sources.
- Easily establishes accurate color foundation
- Maintains control of colors.
- Minimizes color differences between cameras and lenses
- Adapts for mixed lighting
- Makes color balance match across different scenes
- Creates dual illuminant profiles
- Includes Adobe® Lightroom® plug-in and stand alone desktop application
- ICC profiles compatible with Capture One and Canon DPP software
- Creates an optional Master Profile by combining two light sources into one profile



PANTONE® Color Manager

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

Mobile Device Profiling with FREE ColorTRUE Mobile App

ColorTRUE is the only color management app for iOS and Android devices that delivers unique color tools to ensure your images are displayed with consistently accurate color from desktop to mobile.



Learn more: xritephoto.com/colortrue



i1 Solutions At A Glance

i1Display Pro i1 Photographer Kit i1 Filmmaker Kit i1Studio i1Basic Pro 2 i1Photo Pro 2 i1Publish Pro2 i1Publish Upgrade i1Publish Pro 2 Upgrade

Hardware

i1Display Pro Colorimeter



i1 Spectrophotometer



Software

Display



Display QA



Projector



Scanner



RGB Printer



CMYK Printer



CMYK+ Printer



Device Link



Printer QA



PANTONE Color Manager



ColorChecker Camera Profiling



Targets

ColorChecker Classic (mini)



ColorChecker Proof



ColorChecker Passport Photo



ColorChecker Passport Video



i1 Profiler Software Specifications

Windows®

- Windows® Microsoft® Windows 7®, Windows 8®, Windows 8.1®, or Windows 10® 32 or 64 bit
- All Operating Systems require latest updates and Service Pack installed
- 512MB RAM (2GB recommended)
- Intel® Core 2 Duo or AMD® Athlon® XP or better CPU
- 500 MB of available disk space
- Powered USB port
- Monitor resolution of 1024 x 768 pixels or higher
- Internet connection required for software update
- User must have administrator rights to install, uninstall the application

Macintosh®

- MAC OSX 10.12.x, 10.13.x, or 10.14.x (with latest upgrades installed)
- 512MB RAM (2GB recommended)
- Intel® Core Duo Processor or better CPU
- 500 MB of available disk space
- Powered USB port
- Monitor resolution of 1024 x 768 pixels or higher
- DVD drive or internet connection required for software install, download and automatic software update
- User must have administrator rights to install, uninstall the application

i1 Mobile Specifications

Visit xritephoto.com for information on mobile compatibility.

i1 Hardware Specifications

Visit our website for complete hardware specifications.



Color. Perfected.



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