

x-rite PANTONE®

i1 Solutions

Color. Perfected.



As digital print workflows become more complex with more substrates, more devices, and tighter tolerances, the pressure on premedia teams continues to rise. Color accuracy is no longer just a quality goal; it's a responsibility that directly impacts downstream efficiency, customer satisfaction, and profitability.



Whether you're approving files, validating proofs, or preparing jobs for production, prepress is where color decisions are locked. That means every device in your workflow, including monitors, scanners, and printers, must be calibrated, profiled, and verified to a common standard before a job ever reaches the press.

X-Rite's i1Pro solutions are built for color-critical premedia environments. They ensure your measurement devices deliver reliable, repeatable data so you can maintain consistent color across printers, substrates, and production runs. From smooth papers to textured materials, specialty media, and backlit applications, i1Pro solutions help you trust what you see and confidently pass that expectation to production.

With i1Pro solutions, prepress teams can reduce back-and-forth adjustments, eliminate unnecessary rework, and approve color with confidence knowing it will hold up on press.



i1Pro Hardware

i1Pro devices are industry-standard, all-in-one tools for profiling displays, projectors, and printers, as well as capturing spot colors, ensuring color decisions are based on reliable data, not assumptions.



i1Pro 3

Built for smooth papers and controlled print environments, i1Pro 3 delivers faster measurements and improved accuracy to support efficient, confident profiling and verification.

Optimized Calibration and Profiles

- Reads patches twice as fast as the i1Pro 2 with improved accuracy.
- Measures M0, M1, and M2 simultaneously in a single pass to account for optical brighteners.
- Calibrates and profiles modern displays, including high brightness OLED and HD.
- Optimizes automated test chart measurements when combined with the i1iO scanning table.

User-Centered Features

- Provides real-time user feedback to ensure accurate measurement position and a self-check tool to adjust and correct minor shifts.
- Equipped with the X-Rite Graphic Arts Standard (XRGa) to ensure reliable and repeatable data between all links in a supply chain.
- Features an ergonomic design for easy cleaning and accurate measurements.

i1Pro 3 Plus

Designed for imaging, print, signage, and digital textile professionals, i1Pro 3 Plus offers consistent calibration and profiling on unique materials primarily printed on wide and grand format printers. Built on the same technology as the i1Pro 3 device, the Plus model comes with a larger aperture to capture more color data for harder-to-profile materials such as highly-textured paper, vinyl, fabric, transparent film, plastics, specialty photo paper, corrugated, and backlit materials. The included polarization filter can reduce color variability on many of these substrates to deliver the highest level of color accuracy and repeatability.

Materially Diverse

- Profiles a broad range of material substrates and surfaces with a larger 8mm aperture.
- Reduces color measurement variability and specular reflections with optional polarization capabilities for “better blacks” and richer colors on unique surfaces.
- Supports emission scanning for backlit film and materials used in signage and other applications.
- Accurately measures larger print materials, substrates, and surfaces.

Both i1Pro 3 and i1Pro 3 Plus are compatible with many RIP systems.
Check with your specific RIP provider for more information.

Add Automation

In production environments, manually measuring color test charts to ensure color management profiles are up-to-date can be labor intensive, time consuming, and leave room for human error. Adding an i1iO table to your workflow eliminates manual strip reading and speeds up the measurement process.



i1iO

The i1iO is a robotic, automated chart reader designed to accommodate both i1Pro 3 and i1Pro 3 Plus devices, providing a simple way to further enhance functionality, versatility, and measurement speed.

- Measures a variety of substrates up to 10mm thick, including thin polybag material, paper, canvas, textiles, ceramic and more. Adding an optional 23mm z-axis spacer allows to measure thicker materials between 23-33mm.
- Accommodates a light box to build profiles for transparent materials.
- Assures compliance with ISO standards for M-series measurement illumination conditions.



i1Profiler Software

Each i1Pro 3 solution includes i1Profiler professional color management software to create the most accurate profiles and efficiently manage color from capture to view to print. With both basic and advanced modes, i1Profiler delivers the perfect balance of automation with a full range of creative controls.

Printer Module

- Create custom RGB, CMYK, and CMYK+ printer profiles from M0, M1, M2, or M3* (*only available with i1Pro 3 Plus) measurement data with unmatched quality for smoothness, highlights, and shadow detail.
- Achieve the most accurate printer profiles with support for high patch count charts.
- Create unique patch sets to optimize your printer profile for specific colors, flesh tones, or captured spot colors.
- Utilize Optical Brightener Compensation (OBC) functionality for papers with high OBAs.
- Quickly check output quality and optical brighteners with included ColorChecker Proof visual assessment target.
- Achieve accurate color source to destination conversions with Device Link workflow.
- Take advantage of advanced controls for black separation.

Projector Module

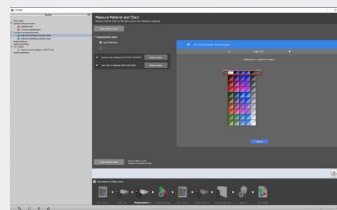
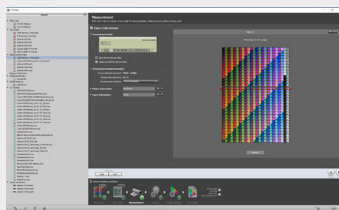
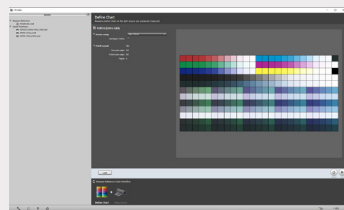
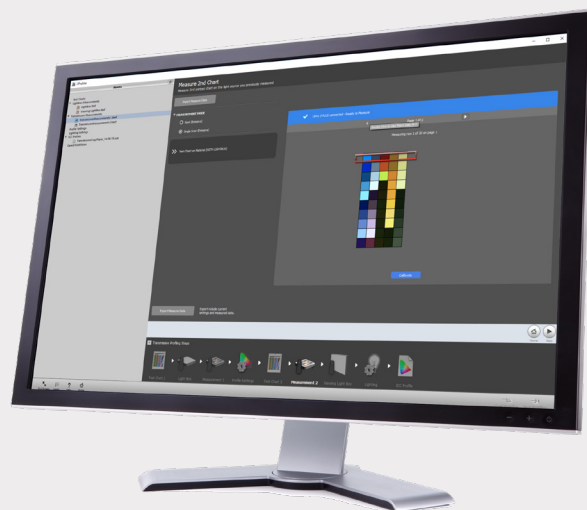
- Build an accurate on-screen profile in minutes.
- Take room conditions into consideration when creating a profile.

Monitor Module

- Gain custom control over white point, luminance, contrast ratio, and gamma.
- Color match up to four separate displays for color accuracy across your workflow.
- Optimize gray balance for more neutral and better-defined grays.
- Visually match different monitors via proprietary chromatic adaptation formula.
- Avoid reduced contrast ratios caused by flare light (or glare) falling on the surface of display using Flare Correct™.
- Determine the optimum display luminance for comparing prints to your display using Ambient Light Measurement.
- Receive profile validation and reminders.
- Monitor QA (quality assurance), including trending over time.
- Supported Video Standards: NTSC, PAL SECAM, Rec. 709, Rec. 2020 and DCI-P3.

Scanner Module

- Simply scan the included ColorChecker Classic Mini target to generate a scanner profile.
- Supported Targets: ColorChecker Classic, ColorChecker Digital SG, Reflective IT 8.7/2, Transmissive 4x5 and 35mm IT8.7/1.



i1Pro 3 Solutions



i1Basic Pro 3

Ideal for use with 3rd party RIPs and software and profiling displays.

i1Basic Pro 3 is a flexible solution for professional-level display monitor and projector profiling, monitor and printing quality verification, and spot color measurement. Designed to also work with 3rd party RIPs and software, i1Basic Pro 3 is an essential tool in a color-managed ecosystem.



i1Basic Pro 3 Plus

Ideal for use with 3rd party RIPs and software when printing on unique substrates and profiling displays.

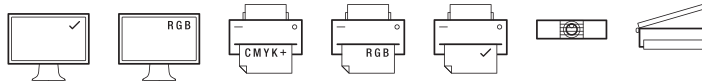
i1Basic Pro 3 Plus provides the same functionality as the i1Basic Pro 3 solution but includes a device with a larger aperture. It's designed to work with 3rd party RIPs and software to create printer profiles for unique materials that are challenging to profile such as textiles, canvas, ceramic, film, and other backlit materials. i1Basic Pro 3 Plus accommodates larger test targets with the included longer ruler and backer board, making it ideal for wide and grand format printers.



i1Publish Pro 3

Ideal for profiling a complete workflow from concept to print.

i1Publish Pro 3 is designed for any professional working in the prepress, digital printing, photography, or design industry who relies on totally accurate color throughout their digital workflow – from displays, scanners, and projectors, to RGB, CMYK and extended gamut printers and presses. This solution 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 to stabilize the printing process and/or save ink in CMYK conversions.



i1Publish Pro 3 Plus

Ideal for profiling a complete workflow from concept to print on unique substrates.

i1Publish Pro 3 Plus provides the same functionality as the i1Publish Pro 3 solution but includes a device with a larger aperture. It's designed specifically to create printer profiles on unique materials that are challenging to profile such as textiles, canvas, ceramic, film, and other backlit materials. i1Publish Pro 3 Plus accommodates larger test targets with the included longer ruler and backer board, making it ideal for wide and grand format printers.



Product Comparison

lmay, 29/04/2026



Feature	i1Basic Pro 3	i1Basic Pro 3 PLUS	i1Publish Pro 3	i1Publish Pro 3 PLUS
Spectrophotometer	i1Pro 3 (4.5 mm Aperture)	i1Pro 3 Plus (8 mm Aperture)	i1Pro 3 (4.5 mm Aperture)	i1Pro 3 Plus (8 mm Aperture)
Polarization Filter (M3 Measurement)		✓		✓
Display Profiling	✓	✓	✓	✓
Display QA & Uniformity	✓	✓	✓	✓
Projector Profiling	✓	✓	✓	✓
Scanner Profiling			✓	✓
Printer Profiling (RGB, CMYK, CMYK+X)			✓ (M0, M1, M2)	✓ (M0, M1, M2, M3)
Linearization (CMYK Profiling Test Chart Optimization)			✓	✓
Transmissive Print Profiling (RGB, CMYK)				✓
Printer Profiling with OBC (RGB, CMYK)			✓	✓
Printer Profile Optimization			✓	✓
DeviceLink Profiling			✓	✓
Printer QA (*Includes FOGRA CMYK Media Wedge License)	✓	✓	✓*	✓*
Chart Measurement Tools (Measure Chart & Reference Chart)	✓ (M0, M1, M2)	✓ (M0, M1, M2, M3)	✓ (M0, M1, M2)	✓ (M0, M1, M2, M3)
'ColorChecker Proof' Tool			✓	✓
'Data Analysis' Tool			✓	✓
'Patch Set Editor' Tool	✓	✓	✓	✓
'Spot Color Compare' Tool (Including Pantone Color Bridging)	✓ (M0, M1, M2)	✓ (M0, M1, M2, M3)	✓ (M0, M1, M2)	✓ (M0, M1, M2, M3)

Note for i1Publish Dongle users: i1Pro 3 / i1Pro 3 PLUS hardware only versions (OEM) or i1Basic Pro 3 / i1Basic Pro 3 PLUS devices combined with a i1Publish HASP4 USB dongle license i1Profiler like 'i1Publish Pro 3' / 'i1Publish Pro 3 PLUS' in above matrix.

How to Choose the Right Solution

Pick your device.



i1Pro 3

4.5mm aperture

Ideal for smooth paper.

Measures smaller patch sizes for less material waste and faster profiling on suitable substrates.

i1Pro 3 Plus

8mm aperture

Ideal for highly textured paper and non-paper materials like textile, canvas, glass, ceramic, and films.

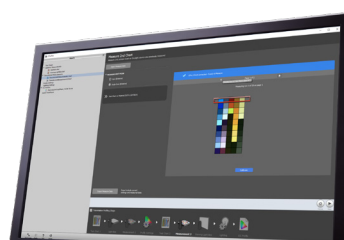
Measures larger patch sizes for more accurate results on challenging substrates

Ideal for wide and grand format printers.

Can profile backlit materials.

Includes polarization filter to achieve better shadows and highlights on unique substrates.

Pick your software level.



Basic

Perfect for use with 3rd party RIPs and software and to profile monitors.

Monitor Profiling & QA (quality assurance)

Printer QA

Publish

The most complete software solution with all modules fully licensed.

Monitor Profiling & QA (quality assurance)

Scanner Profiling

RGB, CMYK, CMYK+ and Device Link Printer Profiling

Transmissive Profiling for backlit materials

Printer QA

Add automation.



i1iO The optional X-Rite i1iO automated chart reader captures hands-free measurements on printer profile charts. i1iO accommodates both i1Pro 3 and i1Pro 3 Plus devices to enhance functionality and speed up the measurement process.

