



PANTONE®

Color Calibration & Profiling

i1Basic Pro 2



reddot design award
winner 2012



A New Standard of Color Perfection

The i1Basic Pro 2 is the industry standard for Color Perfectionists looking for an affordable, professional-level spectral color measurement solution offering display and projector profiling, monitor and print quality assurance and spot color measurement. With the i1Basic Pro 2, you can quickly and easily create custom monitor and projector profiles that ensure the colors you view are true, verify soft proofs and print quality with built-in Quality Assurance (QA) tools, and easily capture and manage spot colors. Plus, with the free ColorTRUE mobile app, you can even calibrate your Apple® iOS mobile devices.

The i1Basic Pro 2 is designed for imaging professionals who rely on accurate color for their displays and projectors, who want to track and verify monitor and print quality, and who need to capture spot color measurement. It calibrates and matches multiple displays, including up

to four displays connected to a single computer as well as unlimited multiple monitors connected to different computers for consistent color viewing.

Benefits:

- Top-of-the-line i1Profiler color management software offers the ultimate in flexibility and control. Basic mode offers a wizard driven interface with predefined options for the quickest path to professional on-screen color. Advanced mode offers user-defined options for more sophisticated profiling workflows to deliver the highest quality color results on monitors and projectors, as well as display testing and quality assurance tools.
- **Better temperature stability and higher brightness levels improve emissive measurement, resulting in the best possible calibration and profiling of monitors and projectors.**
- Provides full support for the latest video standards, including NTSC, ITU-R-Rec.BT.709 and PAL SECAM broadcast video standards.
- Included PANTONE Color Manager software enables accurate capture and management of spot colors and helps users build palettes of best match PANTONE colors that are auto-extracted from their own images.
- Easily upgrade to i1Publish software to add complete printer (RGB, CMYK, CMYK + any four) profiling and quality control functionality, and camera profiling capabilities. For increased automation, use the optional i1iO automated hands-free chart reader or add an i1iSis 2 automated chart reader for creating printer profiles.

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 industry-leading technology delivering increased accuracy, ease of use and an expanded professional-level feature set including the latest developments in ISO standardization. The i1Pro 2 is equipped with the X-Rite Graphic Arts Standard (XRGA) to make it faster 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 are reliable and repeatable, reducing waste and rework. It provides real-time user feedback to ensure accurate measurement and a self-check tool that adjusts and corrects for minor shifts.

i1Basic Pro 2 includes the i1Pro 2 Spectrophotometer; the latest release of i1Profiler Software; PANTONE Color Manager Software; and robust i1 accessories (Ambient Light Measurement Head, Monitor Holder, Scanning Ruler, Backup Board, Spot Color Positioning Target, Soft Carrying Case)

Specifications

**Short Term Repeatability -
White**

Reflectance: 0.1 ΔE_{94}^* (D50,2°, mean of 10 measurements every 3 seconds on white)

Measurement Geometry	45°/0° ring illumination optics, ISO 13655:2009
Inter-Instrument Agreement	0.4 ΔE_{94}^* average, 1.0 ΔE_{94}^* max. (deviation from X-Rite manufacturing standard at a temperature of 23°C (73.4°F) on 12 BCRA tiles (D50, 2°))
Illumination Spot Size	3.5 mm (0.14")
Light Source	Gas filled tungsten (illuminant type A) and UV LED
Measurement Conditions	<ul style="list-style-type: none"> • UV included - ISO 13655:2009 measurement condition M0 • D50 - ISO 13655:2009 measurement condition M1 • UV excluded Filter - ISO 13655:2009 measurement condition M2
Measurement Frequency in Scanning Mode	200 measurements per second
Minimal Media Thickness	3 mm (0.12") on backup board
Patch Size	<p>Minimal Patch Size in Scanning Mode: 7 x 10 mm (0.28" x 0.39")</p> <p>(Width x Height) with sensor ruler 10 x 10 mm (0.39" x 0.39")</p> <p>(Width x Height) without sensor ruler</p>
Photometric Range	10nm; Sampling interval 3.5nm
Spectral Analyzer	i1® technology with built-in wavelengths check; Holographic diffraction grating with 128-pixel diode array
Spectral Range	380 - 730 nm

Spectral Reporting	380 ... 730 nm in 10 nm steps
Supported Profile Format	ICC
Aperture	Measurement aperture: 4.5 mm (0.18") diameter (effective measurement aperture during scanning is depending on the patch size and measurement speed)
Unit Color	Silver/Black
Dimensions (length, width, height)	i1Pro device: 155 mm x 66 mm x 67 mm (6.1" x 2.6" x 2.6") i1 Ruler: 337 mm x 102 mm (13.3" x 4.0") i1 Backup Board: 355 mm x 265 mm (14.0" x 10.4") folded or 355 mm x 400 mm (14.0" x 15.7") unfolded
Weight	i1Pro device: 245 g (8.6 oz)
Package Dimensions (length, width, height)	13.7" x 6.1" x 17.0" / 348 mm x 155 mm x 434 mm
Shipped Weight	9.898 lbs / 4.490 kg
Communication Interface	USB 1.1
Experience Level	Intermediate to Advanced
Languages Supported	Chinese (Simplified), English, French, German, Italian, Japanese, Korean, Portuguese, Spanish

Software Development Kit	Available for OEM customers
Software Modes	Basic & Advanced
User Experience	Choose between a 'basic', wizard-driven interface or an 'advanced', user-driven interface for highest level professional results
Calibration	Manual on external ceramic white reference
Measurement Background	white, ISO 13655:2009; for measurements on backup board
Mobile Device Compatibility	iOS
Optical Brightener Compensation (OBC)	Optical Brightener Compensation (OBC) with i1Profiler software
Warranty	<p>Twelve (12) months from the date of sale, unless different local regulations apply. Product registration is required to receive X-Rite technical support during the warranty period.</p> <p>Registration can occur directly through the software, on our website, or via phone. Users are encouraged to register their product within the first 30 days of use.</p>
What's Included?	i1Pro 2 spectrophotometer (measurement device), calibration plate, ambient light measurement head, monitor holder, positioning target, scanning ruler, backup board, USB cable, i1Profiler v1.x software for monitor profiling plus QA for monitors and printers,

PANTONE Color Manager software and soft-sided storage case.
FreeColorTRUE mobile app download from iTunes® App Store.

Macintosh	MacOS X 10.11x, 10.12x or 10.13x (with latest upgrades installed)
Windows	Windows 7, 8, 8.1, 10 (with latest Service Pack installed)
Available Disk Space	2GB
Connectivity	Powered USB port WINDOWS: Network adaptor installed and driver loaded
Display Resolution	1024x768 pixels or higher
Internet Connection	Required for software install, download and automatic update
Memory	2GB
Number of Displays Supported per Workstation	4
Optical Drive	DVD Drive or Internet Connection
Processor	MAC: Intel® Core 2 Duo CPU or better; WINDOWS: Intel® Core 2 Duo or AMD Athlon™ XP or better
Security	User must have Administrator rights to install and uninstall the application

Video Card

MAC: Latest drivers for video card installed; WINDOWS:

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

Compatible iOS Devices

Compatible with Free ColorTRUE Mobile App:

- iPad 2, 3rd gen, 4th gen, Air, Mini, & Mini 2nd gen running iOS 7.x

or later

- iPhone 4, 4S, 5, 5c, & 5s running iOS 7.x or later
- iPod Touch running iOS 7.x or later