



Eye-One®



Color Tools to Ignite Your Imagination

-  Eye-One DISPLAY
-  Eye-One PHOTO
-  Eye-One PUBLISH
-  Eye-One BEAMER

Eye-One®

Color Tools to Ignite

New Eye-One Color Management System from GretagMacbeth

Accurate, predictable, consistent color — from scanners, monitors, printers, projectors — can change the way you work.

You save time — no more rework. You save your clients worry — no more excuses.

Best of all, you save your creative energy — for creating even better work.

Eye-One® DISPLAY

Reliable and affordable color starts here, with a brand new, easy-to-use, compact color measurement device. Eye-One Display is a powerful instrument that provides consistent, predictable color on all types of monitors. You can expect the same high quality monitor calibration and profiling you're accustomed to from Eye-One and GretagMacbeth.

Use Eye-One Display to calibrate and profile every type of CRT or LCD monitor for accurate on-screen color. Its lightweight, sleek design comes with a built-in counterweight for LCD displays plus an integrated suction cup for CRTs. It is felt lined, so it won't scratch or damage your screen.

Eye-One Match 2.0 software's easy-to-use interface provides a new Easy Mode for great results with a few simple clicks. The Advanced Mode allows experienced users to achieve individual and best possible monitor calibration.



When you're ready to profile all your input and output devices, use the generous upgrade voucher towards the purchase of other Eye-One solutions — details at i1color.com

Eye-One® PHOTO

Picture this: complete color control for your photos. Eye-One Photo is the ideal solution for digital photographers who need consistent, reliable color for monitors and digital RGB printers. This color management solution ensures consistent color reproduction from display to proof to final output — and very affordable.

Eye-One Photo includes the award-winning Eye-One Pro spectrophotometer and Eye-One Match 2.0 software so you can effortlessly calibrate and profile any type of monitor (LCD or CRT) and RGB printer.



The Eye-One Pro device includes a new ambient light head that lets you measure color temperature and see the effect of various lighting conditions on your work. Our new Eye-One Match 2.0 software makes Eye-One Photo fast and easy to use (no Color Ph.D. required!). Plus, it's expandable!

If you need to add CMYK or scanner profiling functionality, simply purchase an access code. Or add Eye-One Beamer to accurately show off your work using a digital projector. Need to profile a digital camera? Add our ProfileMaker Digital Camera Module. They all work together! And, you can easily transport your Eye-One in our optional carrying case.

Eye-One® SHARE





Eye-One® PUBLISH

Print production the way you dreamed it could be. Eye-One Publish is a comprehensive, easy-to-use color management system for ad agencies, designers and publishers who want to calibrate and profile the complete print production workflow. It ensures accurate, consistent color from monitor and scanner, to proof, to final output on any RGB or CMYK printer — every step of the way.

Eye-One Publish includes the award-winning Eye-One Pro spectrophotometer, monitor holders (LCD and CRT) and scanning ruler for fast test chart scanning. The new ambient light head lets you measure color temperature and see the effect of various lighting conditions. And our new Eye-One Match 2.0 software offers a new user interface incorporating work progress history and on-screen help. It boasts new features such as automatic detection of RGB or CMYK printer types, improved chart cropping in scanner mode and Easy/Advanced modes for monitor profiling.



Eye-One Publish is also expandable. Add Eye-One Beamer to ensure your digitally projected presentations reflect the colors you intended. Or upgrade to ProfileMaker™ software for high quality pre-press work, or to add digital camera and multi-color profiling. And, you can easily transport your Eye-One in our optional carrying case.

Eye-One® BEAMER

Project your true colors, every time you use a digital projector — in your office or in front of a crowd. Eye-One Beamer is the first easy-to-use, portable device that calibrates and profiles both digital projectors and all types of monitors to ensure accurate color from display to screen. Now, you can achieve reliable colors for perfect presentations!

Designed for creative, non-technical users, Eye-One Beamer is invaluable for photographers, corporate executives, ad agencies, designers, and A-V firms alike. The package includes the award-winning Eye-One Pro spectrophotometer, Eye-One Match 2.0 software and the holder for positioning the device on screen — all in a convenient carrying case. New Eye-One Match 2.0 software provides fast, easy calibration and profiling for all types of digital projectors, plus LCD and CRT monitors.

As your needs grow, you can easily expand to add scanner or printer profiling functionality with a purchased access code. And remember, all Eye-One products use the same software — no need to reinstall!



And now you can even apply ICC profiles to your PC Powerpoint presentations with our new ColorPoint add-in. Simply build your profiles and select them from the Color Management pull down menu. Your entire presentation will display in the colors you intended. (Windows compatible only.)

All Eye-One packages include Eye-One Share freeware. Eye-One Share 1.3 lets you create, evaluate and convert colors, build lighting libraries, create color palettes and share them with your coworkers, project team members and clients. Your palette is exportable to all design applications, so you won't waste time rebuilding it. New features in this updated version support the use of the new ambient light head incorporated into the Eye-One Pro measuring device (for capturing and incorporating ambient light), while the new Light Tool enables you to check the quality of light in light booths or working environments. Whether you own an Eye-One or not, you and your clients can take advantage of the many cool features of this free software — downloadable at i1color.com. Eye-One Share works on both Windows and Mac platforms, including OS X!

Eye-One® DISPLAY	Eye-One® PHOTO	Eye-One® PUBLISH	Eye-One® BEAMER
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Monitor Calibration & Profiling
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> RGB Printer Profiling
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> CMYK Printer Profiling
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Scanner Profiling (reflectance target included)
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Projector Calibration & Profiling
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Light measurement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Spot color measurement
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Chart measurement in scan mode
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Carry everything in a convenient case
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Upgrade Voucher towards Photo, Publish or Beamer

Included Optional Upgrade

All Eye-One products use Eye-One Match 2.0 software.

This powerful, innovative software is modular, so you can gradually expand your existing Eye-One system as your needs and experience change — until you achieve the most complete color control desired. No need to reinstall or learn something new!

To learn more about color management, our products, and upgrades visit www.i1color.com

Technical specifications for Eye-One®

Eye-One Display device

General

Device Type:	Three channel colorimetric sensor
Interface:	USB data and power supply
Data format:	luminance (cd/m ²), chromaticity coord. x, y (CIE 1931)
Refresh rate:	monitor frequencies: 40 Hz to 150 Hz
Physical dimensions:	Length 84 mm, width 64 mm, height 35 mm
Weight:	Measurement device 131 g, counter weight 33 g

Performance

Measurement range:	Black point: 0.05 cd/m ²	White point: up to 3,000 cd/m ²
Accuracy:	with respect to Eye-One Pro on reference monitor (white 6500°K)	
	Chromaticity coord. x,y: +/-0.004	
Short-term repeatability:	Luminance <= 1% for Y > 0.5 cd/m ²	
	Chromaticity coord.: x,y < +/- 0.001 for monitor white	

Eye-One Pro device

Spectral measurement device with supported measurement modes

- Reflectance single measurement
- Reflectance scanning measurement with automatic patch detection
- Emission: radiance measurement (monitor measurement)
- Emission: irradiance measurement (light measurement)

General

Spectral analyzer:	holographic diffraction grating with diode array detector
Spectral data:	range: 380 ... 730 nm in 10 nm steps
Measurement aperture:	4.5 mm diameter
Interface:	USB data and power supply
Physical dimensions:	Length 151 mm, width 66 mm, height 67 mm (6 x 2.6 x 2.6 inches)
Weight:	185 g (6.5 oz)
Accessories included:	Calibration plate, USB cable, CRT monitor holder, flat panel holder, positioning target, scanning ruler, and light measurement head

Reflectance

Measurement geometry:	45°/0° ring illumination optics, DIN 5033
Light source:	gas filled tungsten (Type A)
Physical filters:	No or UV cut (Filters not exchangeable)
Inter-instrument agreement:	Average DE*94 0.4, max. DE*94 1.0 (Deviation from GretagMacbeth manufacturing standard at 23°C for single measurement mode on 12 BCRA tiles (D50,2°))
Short-term repeatability:	DE*94 <= 0.1 (D50,2°), with respect to the mean CIE Lab value of 10 measurements every 3 seconds on white

Emission

Data format:	spectral radiance (mW/nm/m ² /sr); Luminance Y (cd/m ²)
Measurement range:	0.2 ... 300 cd/m ²
Short-term repeatability:	x,y: +/- 0.002 typical (CRT 5000°K, 80 cd/m ²)

Light measurement

Type:	Cosine-corrected diffuse light measurement head
Diameter:	6.0 mm
Data format:	Spectral irradiance (mw/nm/m ²), Illuminance Y (lux)

Eye-One Display device and Eye-One Pro device

Power conditions

Power Required	Powered by USB, no additional charger required USB 1.1 high power device (Eye-One Pro) USB low power class device (Eye-One Display)
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System Requirements

Macintosh® <ul style="list-style-type: none">• Any Macintosh® with USB support• Mac OS Classic System 9.1 or higher, built for Mac OS X v10.1 or later• 128 MB of available RAM• 48 MB of available hard disk space• Monitor resolution of 1024 x 768 pixels or higher	Windows® <ul style="list-style-type: none">• Pentium® II, 266 Mhz or higher• Windows® 98, 2000, ME, XP• 128 MB of available RAM• 48 MB of available hard disk space• Monitor resolution of 1024 x 768 pixels or higher
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Visit our World Wide Web Sites at www.gretagmacbeth.com or www.itcolor.com

