

From zero to color in no time! **EYE-ONE** COLOR MANAGEMENT SYSTEM

Eye-One Design Eye-One Display 2

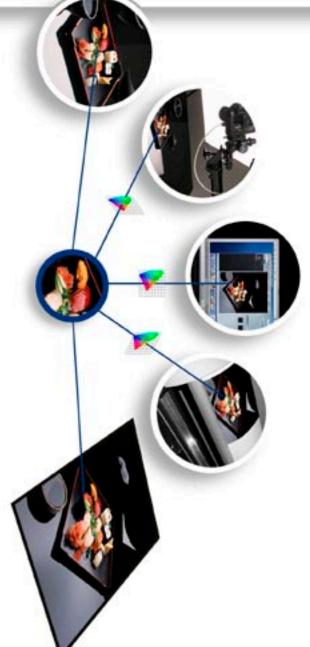
Eye-One Proof

Eye-One iO Eye-One Share



challenges like these: complete color management solution that anticipates technologies seem to change daily. You need a flexible, scanners, displays, printers, customer files, legacy documents, imaging technologies. There are so many variables: cameras. media and ink types – the list goes on and on. And digital ent is essential for today's complex digital

- Accurate on-screen and projector color
- Confidence in your digital camera files, scans
- Reliable on-screen match to printer output match
- Repeatability from print to print and printer to printer
- PANTONE™ and spot color measurement and output



support color management profiles, so it's easy to implement in your workflow! applied in your applications, driver or RIP to get your color correct. All of today's professional imaging and design tools your color devices including scanners, monitors, digital cameras, digital projectors or printers. These profiles are then trate on what you do best – create! Here's how it works: Eye-One tools are used to create and edit color profiles for Eye-One will solve your color issues now faster than ever with the new "Accelerated" Eye-One Pro, letting you concen-

Whether you're a designer, photographer, prepress house or print provider, there is an Eye-One solution designed

to meet your critical color concerns.

Eye-One System

From zero to color in no time

Now with a new Accelerated Eye-One Pro Device

Eye-One Pro packages are the fastest, smartest and easiest to use color management solutions — with the best, overall, complete out-of-box user experience on the market today!

Eye-One hardware and software is designed for the unique needs of creative professionals like you who depend on accurate color. Eye-One is the one system comprehensive enough to be the only color management solution your company will ever need. If you're a designer, photographer or print provider, there are Eye-One solutions specifically designed to address your critical color concerns.

Each Eye-One solution includes an

Eye-One measurement device — either

an Eye-One Display 2 or new Accelerated

Eye-One Pro - plus Eye-One Match 3 software.

These components form the heart of the Eye-One Color

Management System. In addition, each solution offers a
host of included and optional add-ons to keep pace with your
changing needs. Learn it once and keep on growing.

Automating your Eye-One solution is easy with the Eye-One iO automated scanning table. Now, anyone owning an Eye-One Pro measurement device can add automation at any time. Eye-One iO will take full advantage of the enhanced speed of the new Eye-One Pro device — providing precise, automatic chart measurements in under three minutes!

Eye-One solutions make color management easier, faster and incredibly precise. From zero to color in no time.





Eric Meola, Photographer

Eye-One modules, I was shooting in the dark, not knowing exactly how the colors on my monitor would translate in the "real world". Now I know that what I see on my monitor, or in my prints, is exactly what someone else is going to see. Now that I use GretagMacbeth Eye-One solutions, and I use GretagMacbeth Eye-One solutions are as essential as a computer—once you've tried them, you're hooked on precise, repeatable results.

Cover photo by Eric Meola

gretagmacbeth

Choosing the right Eye-One Solution

Regardless of where you start, Eye-One offers a clear upgrade path

Based on different markets and requirements, we've put together five Eye-One packages for you to choose from



If you're new to digital color:

Eye-One Display 2



If you're a graphic designer or creative:

Eye-One Design



If you're a photographer or photo finisher:

Eye-One Photo



If you're a small prepress house, inhouse repro department, commercial printing shop such as quick print, print-for-pay or large format printer:

Eye-One Proof



If you want the ultimate Eye-One package:

Eye-One XT

Eye-One Display 2 is where reliable and affordable color begins. This powerful, compact monitor profiling solution is an excellent entry point for anyone who depends on accurate on-screen color. Profiling your LCD, CRT or laptop display means that you'll finally see colors as they actually are. Establishing defined settings throughout your studio and at your customer's site means that everyone will see your color the same way. Ideal for photographers, creative directors, publishers, and designers working in ad agencies and corporations.

Eye-One Design is the entry level color management solution of choice for freelance designers, small creative firms and small print shops. With it you can quickly and easily create color profiles for displays, RGB printers and CMYK printers. And with Eye-One Share software you can easily measure and share spot and PANTONETM colors. If you're looking to get a better color comp from your desktop printer, then Eye-One Design can get you started. When your color is critical, such as in high-end proofing or photo imaging, simply upgrade your printer module to take advantage of the full test chart capabilities in both RGB and CMYK output.

Eye-One Photo is the ideal solution for the RGB workflow of photographic professionals. Profile and manage your entire digital color workflow from input through output, including digital cameras, scanners, monitors, printers and projectors. RGB printer profiling creates excellent output profiles, which can be further fine-tuned using Eye-One Editor*. With the new Digital Camera module you can create accurate digital camera profiles for different photo tasks with the Easy or Advanced Mode. The included Mini ColorChecker and ability to measure lighting conditions will help you lock down consistent, reliable color in any shooting scenario.

The Eye-One Photo SG includes all the same great features as Eye-One Photo, plus the Digital ColorChecker SG.

Eye-One Proof offers a sophisticated solution for CMYK print shops and design firms requiring robust color needs. Ensure accurate, consistent color from scan to monitor to proof and final print. The CMYK output profiling makes this the best package for anyone using a Postscript RIP. Other features include the ability to profile projectors, edit profiles*, measure and share spot and PANTONETM colors and measure lighting conditions.

Eye-One XT bundle is for those who want it all. All Eye-One Pro capabilities, options and accessories are included in this package. Eye-One XT is perfect for companies looking for a single-source solution that ties together all of their color controls. Includes profiling of scanners, digital cameras, displays, RGB and CMYK printers, projectors, as well as profile editing* and measurement of light, spot and PANTONETM colors. In addition, the package includes an Eye-One carrying case and Eye-One iCare, an extended warranty up to 3 years and service package for your Eye-One Pro device. You'll even receive a free day of color management training at one of our training facilities to understand how to implement a complete color managed workflow.

^{*} Available mid 2005 — free download for purchases made from December 15, 2004.

Eye-One Display 2

is a great way to get started in color management. It is the revolutionary display color management system in an easy to use and affordable package. that gives you professional level color management on any type of monitor – CRT, LCD and even laptops –



Eye-One Design

make excuses for color again. is an affordable, entry level color management system for creative professionals. With your Eye-One Pro

Eye-One Design incorporates new "small test chart" technology which makes profiling both RGB and CMYK proofing or high end photo color, upgrade to an advanced RGB or CMYK printer profiling module. you won't believe how good your color can look on your desktop printer. For more critical color needs like

Display-optimized colorimeter for fast, accurate LCD and CRT profiling

- Easy-to-use, step-by-step software interface
- Optimized adjustment of hardware controls like brightness and color temperature
- Push button calibration for 1-step profiling of industry leading monitors
- Laptop mode for better, more neutral laptop LCD profiles
- Ambient light measurement for verifying standard conditions Luminance settings for matching multiple monitors to each other
- Use at multiple workstations no additional licensing fee
- Highest repeatability for consistent calibration and profiling results
- Highest sensitivity in dark areas for better control in shadow detail and more neutral gray scale



to take full advantage of Eye-One Share software to measure, mix and share spot colors! You won't need to you can obtain accurate color on all your displays and easily build profiles for your printers. And you'll be able

printers a snap. The small test charts are quick, simple and easy to use – by reading just a few rows of patches

Profile monitors and printers

- Ambient light measurement for verifying standard conditions and for simulating colors for individually measured lighting conditions Measure, mix and share spot colors and custom color palettes with the powerful Eye-One Share software
- Easy-to-use, step-by-step software interface
- Laptop mode for better, more neutral laptop LCD profiles
- Luminance settings for matching multiple monitors to each other
- Easily upgrade functionality as your needs grow through software codes
- Upgradeable to full automation with Eye-One iO scanning table (available Fall, 2005)

Eye-One Photo



control of your color throughout your digital photographic workflow! is the most complete, full-scale color management system for photo professionals. With your Eye-One Pro you can measure and control color on displays, digital cameras, scanners, digital projectors and printers of all types You can capture both flash and ambient light and easily measure spot colors. With Eye-One Photo you'll be in total

Eye-One Photo features professional level color profiling for your RGB inkjet, dye-sub or photo imaging printers your profiles. And, as an extra bonus, you'll get the popular Mini ColorChecker for color evaluation in every shoot! You can also create perceptual color profiles for CMYK printers using the "easy" test chart, plus the ability to edit

Eye-One Photo SG is a bundle solution that includes all the same features as Eye-One Photo, plus the Digital Color Checker

- Easy-to-use, step-by-step software interface Profile monitors, scanners, printers, digital projectors and digital cameras
- RGB and CMYK Easy (small test chart)
- Laptop mode for better, more neutral laptop LCD profiles
- Luminance settings for matching multiple monitors to each other
- Adjust contrast, exposure, color saturation, shadows and highlights with Digital Camera module Measure flash and ambient light with the Eye-One Pro
- Profile editing with Eye-One Editor (available mid 2005)
- Measure, mix and share spot colors with Eye-One Share
- Upgradeable to full automation with Eye-One iO scanning table (available Fall 2005)

Eye-One Proof

SG.



as well as the ability to edit your profiles with Eye-One Match Profile Editor. colors and capture both flash and ambient light. Eye-One Proof features CMYK profiling for professional level color from can measure and control color on scanners, displays, digital projectors and printers of all types. It's not just for proofing is the ideal color management system for small prepress and print professionals. With your Eye-One Pro you your CMYK RIPs and printers. You can also create perceptual color profiles for RGB printers using the "easy" test chart, You can profile all of your RIP, printer, ink and media combinations for the best color every time. Easily measure spot

- Profile monitors, scanners, printers and digital projectors
- Easy-to-use, step-by-step software interface
- CMYK and RGB Easy (small test chart)
- Laptop mode for better, more neutral laptop LCD profiles
- Luminance settings for matching multiple monitors to each other
- Profile editing with Eye-One Editor (available mid 2005) Flash and ambient light measurement for verifying standard conditions
- Upgradeable to full automation with Eye-One iO scanning table (available Fall, 2005) Measure, mix and share spotcolors with Eye-One Share

Easy-to-use, step-by-step software interface Profile monitors, scanners, printers, projectors and digital cameras

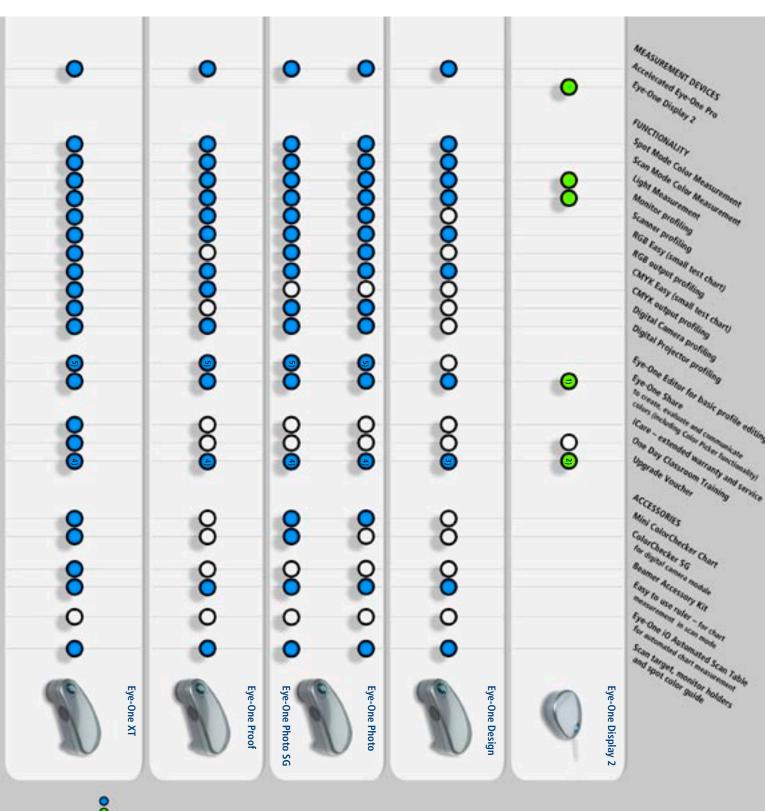
- RGB and CMYK
- Laptop mode for better, more neutral laptop LCD profiles
- Luminance settings for matching multiple monitors to each other
- Ambient light measurement for verifying standard conditions
- Profile editing with Eye-One Editor (available mid 2005)
- Measure and share colors with Eye-One Share
- Eye-One iCare extended warranty for three year period
- Une-day classroom training at designated facility
- Upgradeable to full automation with Eye-One iO scanning table (available Fall, 2005)



Eye-One XT Bundle does it all.

Eye-One XT

matter what, you've got the solution to match. You'll appreciate the comfort of having the extended warranty of three If you want the flexibility to handle any color situation, any time, then Eye-One XT is for you. Maximize the value of your Eye-One investment. years, express replacement service if your unit needs repair, and a full one day training at one of our facilities with the complete Eye-One Beamer kit included. Eye-One XT includes all test charts for your various printers, so no You can measure and control color on digital cameras, scanners, displays and printers of all types – even projectors With Eye-One XT you can handle just about any color management issue or problem that comes your way





Greg Gorman, Photographer

digital photographic workflow. calibration to superb printer profiles, the for my digital presentations. projector with the Eye-One Beamer, I no longe And now, being able to calibrate my digital Eye-One delivers the confidence I need in my from start to finish. From accurate monitor assured a complete color managed work-flow have to worry about my on-screen imagery Working with the Eye-One system, I am

www.greggormanphotography.com

color management needs!

The Eye-One is a total solution for all of my







- 1) monitor only device, therefore no reflectance color measurement functionality together with Eye-One Share
 2) upgrade voucher to Eye-One Pro Solutions
 3) upgrade to Eye-One Match modules
 4) upgrade to Eye-One Match modules
 5) license flag for Editor module programmed on device, free software download upon shipment (targeted for Mid 2005)

One Device does it all

Eye-One Pro Spectrophotometer

Eye-One sets a new stage for speed and ease-of-use, putting leading edge technology in your hands

gliding action. Together with Eye-One Match software, users click, swipe and less—with no pauses or hesitation at the end of rows. read color targets almost instantaneously. Reading patches is fluid and effort twice as fast, but is also outfitted with new Teflon® pads, creating a smoother The new accelerated Eye-One spectrophotometer is not only optimized to reac fast measurements, greater patch recognition and, of course, no waiting! The defacto industry standard Eye-One solutions just got better with super

check your lighting conditions - it's all easy with your Eye-One! workflow. Use it to profile a laptop, capture color from a fabric swatch or With the Eye-One Pro you can measure and control every color device in your

Connected with just a USB power cord, Eye-One Pro can:

Measure and Capture — Spot Colors, Flash Light and Ambient Light Profile - Monitors, Scanners, Printers, Digital Cameras and Digital Projectors

Eye-One iO Automated Scanning Table

is a must have. This automated chart-reading table makes for the fastest chart measurements. (available Fall 2005) course it will take full advantage of the accelerated speed of your Eye-One measurement assistant to replace manual color measurement. And of with the iO, you're Eye-One is transformed into a tireless color measuring color swatches hands-free and accurate. When it's docked If you plan on doing a lot of chart measuring, an Eye-One iO

Software made easy

Eye-One Match

breeze through the process. the easiest-to-use interface, with simple on-screen help guides to help the use Eye-One Match software is the brains behind the Eye-One system. It offers

enabled. That means no matter which version of Eye-One purchased access code to meet your changing needs. you buy, you can always upgrade Eye-One Match with a Eye-One Match, but each has specific profiling modules Every Eye-One package includes the same version of



- Profile CRT, LCD and Laptop Displays
- Easy and Advanced modes
- User definable luminance settings for better color agreement on multiple monitors
- (or of different settings on one monitor) with different white points Chromatic adaptation formula for a closer visual match of different monitors
- Gray balance optimization for more neutral and better defined grays
- Profile summary report ideal for post profile analysis
- Profile reminder to ensure true and reliable color over time
- Ambient light check procedure to determine optimal ambient light conditions for color critical work
- Push Button Calibration (PBC) for one-step profiling for industry leading monitors

Scanner Module

Supports both reflective and transmissive targets (reflectance target included)

Printer Module

- in less than a minute with Eye-One Pro Semi-automated scanning method for test charts - measure 300 patches
- indicated by package) Supports all types of RGB and CMYK devices (when function is activated as
- Automatic detection of RGB or CMYK printer
- Print test charts directly from software application no need to launch separate program
- Visual display of measured data provides instant feedback during measurement process
- Automated scanning method with Eye-One iO (available Fall 2005)
- Enables RGB Easy and CMYK Easy (small test chart) profiling in every package

Digital Projector Module

- Build an accurate on-screen profile in just a few minutes
- Designed for the creative, non-technical user
- Optional Beamer Holder provides more convenience

Digital Camera Module

- Create digital camera profiles for different photographic tasks
- of shadows and highlights. the ability to modify for contrast, exposure, color saturation and adjustments Easily create ICC camera profiles in Easy or Advanced Modes, with

Profile Editor Module

 Edit profiles with the simple editing functions for the most popular editing needs (available mid 2005)

New "Small Test Chart" technology

of color swatches from a given output color profile by reading just a few rows With this new technology you can Easy and then scan it in using your test chart named RGB Easy or CMYK device. Within the Eye-One Match quickly and easily create a perceptual application, you simply print the smal

How does it work?

the most sophisticated profiling virtual large test chart. We then apply approach which combines an internal uses a revolutionary, patent-pending for entry level color management. The resulting profile is based solely on techniques to fine tune the gray axis. pre-linearization and creation of a This "small test chart" technology perceptual rendering — the ideal solution



Share Colors with others

converting them to any color scenario you can imagine. for measuring single colors, mixing them, comparing them and color workshop on your desktop. It's the perfect creative tool Every Eye-One package includes Eye-One Share – a complete

With Eye-One Share you can easily:

- Create, evaluate and convert colors
- Click and measure any color (from a print, fabric, paint, anything)
- Mix and build color blends and tints
- Check to make sure that color will reproduce accurately
- Find the closest Pantone® color
- Access the complete digital Pantone® library
- Create custom color palettes
- Share the color with other users coworkers, project
- Export the color as a palette to use in other applications

color palettes for the major desktop publishing applications. and existing library colors. You can even export standard You can create shades and blends of both the measured own custom color palettes from measured color swatches. PANTONE™ library of colors included, but you can build your It's perfect for creatives, because, not only is the entire quality of the light in your light booth and working environment under the different lighting conditions. You can even check the ambient light, build a lighting library and simulate color viewing Eye-One Share is also where you can measure both flash and

Creative to Prepress to Pressroom transfer your colors throughout the complete workflow from all GretagMacbeth software and hardware, enabling you to With its enhanced CxF capabilities, Eye-One Share connects

Whether you own an Eye-One or not, you and your clients software – downloadable at i1color.com can take advantage of many cool features of this FREE

Knowledge section of i1 color.com. training module about Eye-One Share found in the Color Download your version today and check out the FREE

Services and Training





which guarantees next-day replacement of your iCare package you'll also get Express Replacement Eye-One hardware. You also receive: to a three-year extended warranty. As part of the upgrade your standard GretagMacbeth warranty For extended coverage and complete service, Your Eye-One deserves care and attention

- Accidental damage protection
- A custom Eye-One carrying case
- Free annual accuracy verification
- 10% off all GretagMacbeth classroom or on-site training programs



Training Classes

on how to implement color management into Eye-One is the easiest to use color management training, output profiling and workflow integration your entire digital workflow, attend one of our system on the market. But, when you need training offered through our professional services business regularly scheduled hands-on training workshops, unit – the Graphic Intelligence Agency. Customized ocation, worldwide. ervices are also available on-site at you



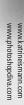
Vincent Versace, Photographer

projectors. being conveyed. The beauty of the Color is the backbone of my art. If my monitors, scanners, printers and digita Eye-One system is that, across the color is not right, then what I saw is not board, I can get accurate color on my

which I carry with me everywhere I go! and is the same for Eye-One Display 2 www.versacephotography.com The elegant interface is so easy to use

Katrin Eismann, Artist, Author, Educator

what I am seeing is what is going to thinking and the full confidence that is the difference between wishful For me, the GretagMacbeth Eye-One equipment to make creative decisions Everyday, I have to rely on my simply cannot be underestimated. calibrated monitor and profiled printers The confidence of working with a color



Eye-One Components

an explanation of what they are: Every Eye-One solution includes a selection of hardware, software and accessories. Here's



Hardware

Also measures ambient light. for profiling of CRT, LCD and laptop displays. Eye-One Display 2 — a colorimeter designed



Accessories

manual strip reader tool included with all Eye-One Pro solutions Chart measurement ruler — Easy-to-use



Beamer Accessory Kit – Eye-One holder and carrying case for projector profiling



Software

measure spot colors and flash/ambient light. used to measure and profile any device, plus action. A 10 nm optical resolution instrument new Teflon® padded feet for smooth gliding tometer – optimized to read twice as fast, plus New Accelerated Eye-One Pro Spectropho-

Projectors • Digital Cameras Monitors • Scanners • Printers • Digital Eye-One Match — Profile creation software:



iO will take full advantage of the enhanced For automated hands-off chart measuring. Eye-One iO Automated Scanning Table —

fastest measurements! (available Fall 2005) speed of the new Eye-One Pro device for the



Eye-One Pro Accessories –

- Spot measurement holder
- Monitor holders (CRT & LCD)
- Ambient light measurement head



and light (ambient and flash)

custom color palettes and capture spot color Eye-One Share — Build and communicate





Extended warranty

bundle for 3 years coverage Eye-One iCare — extended warranty



and Mini ColorChecker Digital ColorChecker SG color reference charts

Related Products

comparing, press profiling, custom management capabilities such as flexibility and automation. options that offer different levels of solutions and other spectrophotometer GretagMacbeth ProfileMaker software then consider upgrading to target creation or other special needs, automation, custom measuring and advanced measurement devices, When you need even more robust color



PM5 Photostudio

for the studio photographer

for publishing PM5 Publish

PM5 Publish Plus

for multi-color publishing

Other spectrophotometers:

level of automation and flexibility Spectrolino/Spectroscan – highest iCColor — automated spectral chart reader



ColorChecker Charts

test targets to ensure accurate color GretagMacbeth ColorChecker® branc Professional photographers rely on



ColorChecker Standard — original 24 patch reproduction.



Mini ColorChecker – pocket size version of original

white reproduction Custom White Balance – for accurate

3-Step Gray Scale – for balancing images

(required to create profiles with Eye-One Match and ProfileMaker Digital ColorChecker SG — optimized for digital camera profiling

Eye-One Pro device	

supported measurement modes: Spectral measurement device,

Optical resolution: Spectral analyzer: Physical sampling interval: Reflectance single measurement Range: 380 ... 730 nm in 10 nm steps 128 pixel diode array Holographic diffraction grating with Emission: irradiance measurement (monitor measurement) Emission: radiance measurement with automatic patch detection Reflectance scanning measurement

(6 x 2.6 x 2.6 inches)

185 g (6.5 oz)

Length 151 mm, width 66 mm, height 67 mm

Accuracy:

Physical dimensions: Measurement aperture:

Accessories included:

holder, flat panel holder, positioning target Calibration plate, USB cable, CRT monitor

Inter-instrument agreement: Physical filters:

Light source: Measurement geometry:

Gas filled tungsten (Type A) 45°/0° ring illumination optics, DIN 5033 scanning ruler, and light measurement head

No or UV cut (Filters not exchangeable)

4verage DE*94 0.4, max. DE*94 1.0

Short-term repeatability:

(Deviation from GretagMacbeth manufacturing standard at 23°C for single measurement mode on 12 BCRA tiles (D50,2°)

 $DE*94 \le 0.1$ (D50,2°), with respect to the mean

CIELab value of 10 measurements every

3 seconds on white

Data format:

Short-term repeatability: Measurement range:

x,y: +/- 0.002 typical (CRT 5000°K, 80 cd/m2)

300 cd/m2

Spectral radiance (mW/nm/m2 /sr); Luminance Y (cd/m2)

Cosine-corrected diffuse light measurement head

Diameter:

Spectral irradiance (mw/nm/m2), Illuminance Y (lux)

Power supply: Data format:

Device powered by USB. No additional charger or battery required. USB 1.1 high power device.

Interface:

Eye-One Display 2 device

Data format Luminance (cd/m2), chromaticity USB data and power supply Three channel colorimetric sensor

Length 84 mm, width 64 mm, coord. x, y (CIE 1931) Monitor frequencies: 40 Hz to 150 Hz height 35 mm

Physical dimensions

Refresh rate:

Measurement device 131 g,

counter weight 33 g

Weight:

Measurement range:

White point: 3,000 cd/m2 Luminance: Black point: 0.02 cd/m2 Illuminance: Suitable for use

in Graphic Display Proofing per ISO/CD 12646 Standard With respect to Eye-One Pro chromaticity coord. x,y +/-0.004 on reference monitor (white 6500 K),

at Y=75 cd/m2 (white 6500 K) coord. x,y < +/-0.001(white 6500K) Chromaticity

Short-term repeatability:

Luminance 0.3% at Y=75 cd/m2

no additional charger required USB low power class device Power Required Powered by USB

Power conditions:

System Requirements

Eye-One Match, Eye-One Share:

- Any Macintosh® with USB support
 Mac OS X v10.2 or later
- 128 MB of available RAM
- 80 MB of available hard disk space
- Monitor resolution of 1024 x 768 pixels or higher

Windows®

- Windows® 2000, XP
- 128 MB of available RAM
- 80 MB of available hard disk space
- Monitor resolution of 1024 x 768 pixels or higher
- USB Support





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TM Trademark of GretagMacbeth. GretagMacbeth is an ISO 9001 certified company. Part No. 42.01.39 (05/05).

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