©Andy Katz

IT'S A FACT:

out of the box, the color on your display is not as accurate as you think. Shadow and details are lost, whites appear too cool or too warm. Prints aren't even close to the screen. And the color varies from one monitor to the next (like the various TVs in an electronics store).

You need to take control of your display since it's the only place to view your digital data in its native form! It is the critical first step in color management. It's easy and inexpensive to get accurate professional color on your display. Use an X-Rite Monitor Calibration solution to get true color — a best first impression of your digital file and an essential element in real world color management.

huey
BASIC MONITOR CORRECTION FOR PHOTO ENTHUSIAST/GAMER

There's a reason your blues aren't always true. Same goes for your reds, greens and every color in-between. What you're seeing onscreen isn't necessarily accurate – it all depends on your monitor. huey is an easy-to-use monitor color correction tool that automatically adjusts the color of your monitor so what you're seeing is spot on. PANTONE® huey can even adjust your monitor for changes in room lighting. Everything becomes more accurate and predictable: digital photos just as you remember the scene, game graphics with the intense edge you're after, and a Web-browsing experience that delivers colors you can trust. huey is easy to use on any CRT, LCD and laptop monitor. Essential for any gamer, photo or digital enthusiast who needs absolute color and clarity.

- Easy-to-use software designed for calibrating and profiling all types of monitors
- Light-weight and portable; professional grade optical sensors
- Adapts monitor for changing room lighting with industry-first continual ambient sensor
- Applies personal preferences for viewing accurate color all of the time

hueyPRO
ADVANCED MONITOR CALIBRATION FOR PHOTO ENTHUSIAST/GAMER

It's all about the color; color in your photos, color in your designs, color on-line and more importantly color on your display. Whether you are editing photos to print, sell or share with others, gaming or shopping on-line, you deserve to see the right color on your display. Photographers understand that to obtain the true color from capture to edit to print, a color-managed workflow is essential and a calibrated monitor is the first step. The PANTONE® hueyPRO delivers extended controls in an affordable, easy-to-use solution. hueyPRO allows you to trust the colors you see on-screen.
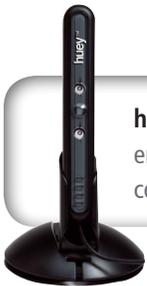
- Adapts monitor for changing room lighting with industry-first continual ambient sensor
- Multiple monitor calibration increases color fidelity from monitor-to-monitor
- Additional color patches included in calibration process for precision accuracy
- Advanced Help provides step-by-step instructions through calibration and beyond
- User-defined White point and Gamma combinations provide control over the calibration and output matching
- Contrast and Brightness calibration controls
- Professional-grade Optical Sensors

Each X-Rite monitor calibration solution comes complete with a colorimeter and software to accurately calibrate and profile all types of monitors – LCD, CRT and laptops.

X-Rite monitor calibration software is the brains behind each system. Each software application offers the easiest-to-use interface, but highly sophisticated full professional algorithms and functionality, with simple on-screen help so the user can breeze through the calibration and profiling process. Plus, it provides the essential platform to easily upgrade functionality depending upon your chosen solution.

Choose from two solution families

huey and **hueyPRO** are ideal solutions for the digital enthusiast looking for basic color correction or advanced controls such as multiple monitor matching.

i1Display LT and **i1Display 2** are the right choice for professionals. Choose from entry-level basic functionality to the most advanced user control.

i1Display LT

ENTRY LEVEL MONITOR CALIBRATION FOR PHOTO PROFESSIONAL

If you want professional reliable color from your monitor, i1Display LT is a great place to start. i1Display LT calibrates your monitor and adjusts the color onscreen, so your images remain true with just a few simple clicks. i1Display LT is an easy-to-use monitor calibration tool designed to meet the needs of cost-conscious creative professionals, as well as discerning digital imaging enthusiasts. And, if you later decide you want more advanced functionality, you can easily upgrade your system to the i1Display 2, the award-winning professional monitor calibration tool preferred by professional photographers and designers. All you'll need to do is purchase an upgrade code to your software.

- Gray balance optimization for more neutral and better defined grays
- Ambient Check: Check ambient light to determine optimal room lighting for color-critical work
- Profile reminder to ensure true and reliable color over time
- Push Button Calibration (PBC): One-step profiling for industry leading monitors
- Before and after images show instant results

i1Display 2

MONITOR CALIBRATION FOR PHOTO PROFESSIONAL

i1Display 2 sets the standard for delivering unparalleled functionality for high-end professional monitor calibration and profiling results. The award-winning i1Display 2 delivers unrivaled color controls including Workgroup Match, Ambient Check and Match, Push-Button Calibration and Validation – all essential tools for professional photographers and designers to attain accurate color throughout the digital workflow, whether in their own studio or in a collaborative production environment.

- Gray balance optimization for more neutral and better defined grays
- Highest sensitivity in dark areas for better control in shadow detail
- Workgroup Match: Utilize reference profiles to match all monitors in your workgroup
- Unlimited gamma white point and luminance settings including native gamma and measure luminance as target
- Ambient Match: Check ambient light and adapt profiles for different ambient light environments
- Validation: Monitor Validation and Trending Graph
- Profile reminder to ensure true and reliable color over time
- Push Button Calibration (PBC): One-step profiling for industry leading monitors
- Before and after images show instant results

	huey	hueyPRO	i1Display LT	i1Display 2
General				
Target user	Photo/gamer hobbyist	Photo Enthusiast / Serious gamer	Budget conscious designers and photographers	Designers, Photographers, Prepress and Print Production professionals
User level	Digital Enthusiast taking snapshots of family	Advanced Digital Enthusiast - Family Photographer	Budget conscious wedding, portrait, event or weekend warrior	50% or more of income is derived from photography
Main application	Personal Image Viewing	Personal Image Viewing and On-Line Printing	Professional design and photography and On-Line / Studio Printing	Professional design, photography, publishing and print production
Typical Software Used	Editing software came with the camera	Photoshop Elements, photo, Paint Shop Pro, iPhoto	Photoshop / Aperture / Lightroom / CaptureOne / Capture NX	Photoshop / Aperture / Lightroom / CaptureOne / Capture NX
Typical Camera Equipment Owned	Point & Shoot	Entry Level DSLR	Advanced DSLR	Professional / Advanced DSLR
Typical Printer Owned	None to basic	Desktop 8.5x11 / A4	Desktop 8.5x11 / A4	Desktop 13x19 or larger / A3
Typically Prints Made By	drug store or online	home or on-line	studio, home or professional lab	studio, home or professional lab
Monitor Support				
Display Types	CRT, LCD & Laptop	CRT, LCD & Laptop	CRT, LCD & Laptop[1]	CRT, LCD & Laptop[1]
Specifications				
Sensor type	huey	hueyPRO	i1Display	i1Display
Measurement sensors	4 Sensors (RGB and ambient light intensity)[2]	4 Sensors (RGB and ambient light intensity)[2]	4 Sensors (RGB and special pulse detector sensor)[2]	4 Sensors (RGB and special pulse detector sensor)[2]
Ambient light measurement[3]	Intensity of light	Intensity of light	Color & intensity of light	Color & intensity of light
Operating system support	Windows 2000 & XP Windows x64 Mac OS X 10.3 or higher	Windows 2000 & XP Windows x64 Mac OS X 10.3 or higher	Windows 2000 & XP Windows x64 Mac OS X 10.3 or higher	Windows 2000 & XP Windows x64 Mac OS X 10.3 or higher
Software Features				
Ambient Light Check & Match[4]	Continual check ambient illuminance (user defined) and automatically adapt profiles	Continual check ambient illuminance (user defined) and automatically adapt profiles for specific conditions	Check ambient lighting conditions (illuminance & color temperature) and adapt profiles for specific conditions	Check ambient lighting conditions (illuminance & color temperature) and adapt profiles for specific conditions
Pushbutton calibration	No	No	Yes[5]	Yes[5]
Workgroup Monitor Match	No	No	No	Yes[6]
Included software	huey	huey PRO	i1Match – LT version	i1Match – full version
User mode	Wizard Easy Mode	Wizard Easy Mode	Wizard	Easy & Advanced Mode
Monitor gamma choices	Predefined (2 options)	Predefined (2 options)	Predefined (2 options)	User defined
White point settings	Predefined (3 options)	Predefined (3 options)	Predefined (3 options)	User defined[7]
RGB Control	No	No	Yes	Yes
Multiple Monitor Calibration	No	Yes	Yes	Yes
Luminance Measurement	No	No	No	Yes
Profile support	ICC 4	ICC 4	ICC 2, ICC 4	ICC 2, ICC 4
Calibration reminder	Predefined interval only	User defined interval (1-4 weeks)	User defined interval (1-4 weeks)	User defined interval (1-4 weeks)
Interactive Training DVD	None	None	Yes	Yes
Post Calibration Reporting				
Before & After Visual	Yes	Yes	Yes	Yes
Measurement Based	No	No	No	Yes
Performance Trending	No	No	No	Yes
Validation			No	Yes

1 Special "Laptop" mode with unique profiling algorithms optimized for most neutral grey balance, best smoothness and highest color accuracy on laptop screens.

2 i1Display sensor features 4 sensors for enhanced performance. In addition to the RGB sensors, a fourth sensor detects the frequency of pulsing display sources such as CRTs to completely eliminate measurement noise.

3 i1Display sensor utilizes the RGB filters plus a special ambient diffuser to accurately measure both light level and color intensity.

4 i1Display LT lets graphics professionals ensure they are working in optimal lighting conditions. i1Display 2 lets creative professionals ensure they are working in optimal lighting conditions and also adapt the monitor to match specific conditions, such as those from a lightbox.

5 i1Display LT and Display 2 both provide automatic calibration support for popular high end monitors from Eizo, LaCie, Sony, NEC, Mitsubishi. (For complete list of supported models please refer to xrite.com)

6 Users can utilize base settings from another monitor profile to ensure the best match across multiple monitors in an organization.

7 Users can define any whitepoint from 4000 to 10,000, or define white point based on the white point of the ambient light conditions.

x-rite   PANTONE®