

Product Description

Spyder4Elite™



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|-------------------------|---|
| Product Name | Datacolor Spyder4Elite™ |
| Suggested Price | 175 € VAT excluded |
| Order Code | S4EL100 |
| EAN Code | 875720001107 |
| Order Code | S4EL110E |
| EAN Code | 875720001152 |
| Software Version | English, Spanish, French, German, Italian, Russian, Traditional Chinese, Simplified Chinese, Korean, Japanese |
| Operating System | Windows & Mac |
| Available from | January 1 st , 2012 |

[Full Product Description / Web Copy:](#)

Spyder4Elite - Show the world your true colors

Spyder4Elite is a display color calibration solution designed not only for photographers, but also videographers and video editors who need the highest level of color control in the studio and flexibility in post-production. The Spyder4Elite can also provide color calibration for projectors.

Why color calibrate your Display?

Displays render the same image differently: Calibration tunes your display to a reference standard and brings color consistency across desktop, laptop, multiple displays, projectors, iPad and iPhone.

Displays change over time: Recalibration returns it to reference state for brightness and color

Prints often do not match display: Display calibration provides a base for better print matching

Wide gamut displays may be oversaturated: Without calibration even wide-gamut displays may be inaccurate.

Highlight and shadow details may be inaccurate: Control of brightness, white point and tone response with calibration.

Image colors are not true to life: After calibration, images can be viewed and edited with confidence.

Photographers, designers and imaging professionals can work confidently on a properly color-calibrated screen and can assert greater control over the color fidelity of their digital process. Images can be reliably assessed and adjusted on a properly calibrated display, enabling true-to-life reproduction of image files.

How does Spyder4Elite work?

Spyder4Elite automates and simplifies display calibration. Install the software, attach the color sensor to USB, and step through the wizard. The sensor measures a series of colors on your screen and creates a "profile" that brings your display to a reference state. At the end, you can compare how the images look before and after calibration.

Spyder4Elite features a patented, full-spectrum 7-color sensor that can accurately characterize a variety of wide gamut and normal displays. Spyder4Elite software lets you use the same sensor to calibrate your monitor, laptop computer, iPad, iPhone and projector. No other calibrator has this capability. The fourth-generation sensor uses double-shielded filters for longer life and better performance. On average, accuracy and precision are improved by 26% and 19% respectively.

Spyder4Elite Features

Automated Color & Brightness Calibration

Spyder4Elite's simple, clear and automated process makes it straightforward to calibrate your displays to a reference condition. You can view and edit images with confidence on a display calibrated to show true-to-life colors and luminance adjusted for precise shadow/highlight detail.

Full-spectrum color sensor

Spyder4Elite's patented 7-color sensor improves upon colorimeters that use 3-channel RGB sensors. Each Spyder4Elite unit is individually tuned in the factory to accurately handle a variety of wide-gamut and normal gamut displays with ease.

Single sensor calibrates all your displays

Spyder4Elite works with your laptop, multiple monitors, front projector, television (with paid software upgrade on website), iPad and even iPhone. It works with LCD, LED, OLED, CRT, DLP and other display technologies. You can calibrate multiple displays connected to your computer. Spyder4Elite is unique in its ability to calibrate all your display devices to achieve greater consistency.

Improved accuracy and stability

The fourth-generation Spyder4Elite has double-shielded color filters for an even closer match to CIE color standards and improved long term stability. Average accuracy increased by 26% and consistency between Spyder units has improved 19%.

Fast Re-calibration Assistant

The "ReCAL" feature makes it quick and easy to recalibrate your display to compensate for changes that occur over time.

Adapts display to surrounding light

The lighting around you will affect image contrast and appearance. An additional sensor on the Spyder4Elite detects changes to surrounding light and adapts the display luminance accordingly.

Spyder4Elite software options for greater control

For greater control over color management Spyder4Elite provides additional features:

- StudioMatch enables visual fine-tuning of studio displays to match the way you see color.
- Built-in presets for video standards such as Cineon, NTSC and PAL.
- Color analysis of your display quality by plotting uniformity, color gamut, and change over time, tone response and allowing comparison with other displays.
- Calibrate to professional workflow targets with L-Star tone response curve.
- Unlimited choices for gamma, white point, white luminance and black luminance.
- Iterative grey balance algorithm for the most accurate greys.
- Front projector calibration for color accurate presentations.

User Comments

Spyder products are used and endorsed by photographers and imaging professionals around the world. Here are comments from a recent survey of Spyder users:

- *"My color problems are gone!"*
- *"Great tool in helping me match my prints to what I see on the screen"*
- *"Color management has become much, much easier since I started used Spyder"*
- *"In essence it has brought my photography to a higher level"*
- *"Provided me with the accuracy I've been missing for so long in my color and B&W work flow!"*
- *"Very pleased with the result of monitor calibration"*
- *"Helped me eliminate color balance issues"*
- *"Fixed the bluish color on my MBP display"*
- *"Spyder works great...I don't have to worry how my photo prints will come back from the lab"*
- *"So easy to use there is no excuse not to calibrate"*
- *"Excellent product if you want control over image quality"*
- *"I've seen great improvement in my end-product's overall appeal and consistency"*
- *"[My monitor] gradually acquired a yellow cast, which Spyder enables me to compensate"*
- *"Money well spent...and a lot expensive paper saved"*
- *"I have used your product since 2005 and I have found that it works the best for me"*
- *"Excellent service and support received over a technical issue I had recently"*

What's Included

- Datacolor Spyder4Elite™ colorimeter
- Desktop Cradle/Tripod mount
- Spyder4Elite™ Software CD
- Quick Start Guide (in 10 languages)
- 1-year warranty (for countries of the EU, the period is 2 years)
- Free Support

Installation Requirements

- Windows XP 32/64, Windows Vista 32/64, Windows 7 32/64
- MacOS X Panther (10.4), Leopard (10.5), Snow Leopard (10.6) and Lion (10.7)
- Color monitor with at least 1024x768 resolution (1024 x 600 netbook option) or front-projector TV
- 24-bit video card
- Powered USB port

Related Products

- SpyderPRINT
- SpyderSTUDIO
- SpyderCube
- SpyderCheckr
- SpyderLensCal

SOFTWARE SPECIFICATIONS

| | Spyder4Elite | Spyder4Pro | Spyder4Express |
|---------------------------------------|---|---|----------------|
| Gamma Choices | Unlimited | 1.8, 2.0, 2.2, 2.4 | 2.2 |
| Color Temperature Choices | Unlimited | 5000K, 5800K, 6500K, native | 6500K |
| Special Targets | NTSC, PAL/SECAM, Cineon, L-Star* | 64 patches | 64 patches |
| ICC Profile Support | ICC 2, ICC 4 | ICC 2, ICC 4 | ICC 2 |
| Multiple Display Calibration | ✓ | ✓ | — |
| TV Calibration | ✓ upgrade available on website at additional cost | ✓ upgrade available on website at additional cost | — |
| Front Projector Calibration | ✓ | — | — |
| Ambient Light Measurement | ✓ | ✓ | — |
| Re-calibration Wizard | ✓ | ✓ | — |
| Expert Console | ✓ | — | — |
| Custom B/W Luminance Control | ✓ | — | — |
| Display History Utility | ✓ | — | — |
| SpyderProof Interface | ✓ | ✓ | ✓ |
| StudioMatch | ✓ | — | — |
| Gamma Curve Editing | ✓ | — | — |
| Real-time Profile & Calibration Check | ✓ | ✓ | ✓ |
| L-Star Workflow Option | ✓ | — | — |
| Curves Import Function | ✓ | — | — |
| SpyderTune | ✓ | — | — |
| Iterative Gray Balance | ✓ | — | — |

* L-Star Workflow is a trademark property of INTERGRAPH COLOR SOLUTIONS, INC. Patent No.: 7,075,557 and No. 6,997,249.

HARDWARE SPECIFICATIONS

| Measurement Device | Spyder4Elite | Spyder4Pro | Spyder4Express |
|-------------------------------------|---|---|---|
| Ambient Light Sensor | ✓ | ✓ | — |
| Color Sensor | 7 Filter/Detector | 7 Filter/Detector | 7 Filter/Detector |
| Aperture Size | 27 mm | 27 mm | 27 mm |
| Initial Calibration Time | 5 Minutes | 5 Minutes | 5 Minutes |
| Recalibration Time | 2.5 Minutes | 2.5 Minutes | — |
| Ambient Light Shield | 5.08 cm | 5.08 cm | 5.08 cm |
| Mounting Methods | Universal Counterweight and Tripod Mount | Universal Counterweight and Tripod Mount | Universal Counterweight |
| Desktop Docking Base w/Tripod Mount | ✓ | ✓ | — |
| Physical Dimensions | 3.8 cm (D) x 8.9 cm (W) x 10.2 cm (L) | 3.8 cm (D) x 8.9 cm (W) x 10.2 cm (L) | 3.8 cm (D) x 8.9 cm (W) x 10.2 cm (L) |
| Computer Connection | USB | USB | USB |
| Warranty | 1 Year (for countries of the EU, the period is 2 years) | 1 Year (for countries of the EU, the period is 2 years) | 1 Year (for countries of the EU, the period is 2 years) |