

What's Included

- Datascolor Spyder4 colorimeter • Desktop Cradle/Tripod mount (Spyder4PRO /Spyder4ELITE versions) • 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), projector, TV • 24-bit video card • Powered USB port

Related Products

- Spyder4Print SR • SpyderCube • SpyderChecker • SpyderLensCal • SpyderStudio

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 technology is Licensed Property of INTEGRATED COLOR SOLUTIONS, INC., Patent No.: 7,075,552 and No. 6,937,249.

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)

More Information

- Visit www.datacolor.com/spyder4 or email spyder@datacolor.com

Spyder4™

Show the world your true colors



Spyder4 is a display color calibration solution designed for photographers and creative professionals.

An un-calibrated display can produce unexpected results. Working on a display that is periodically standardized through calibration enables true-to-life reproduction of images. Spyder4 features a patented, 7-channel sensor capable of calibrating a variety of display types including your monitor, projector, iPad and iPhone with high accuracy (and even your TV with a software upgrade).

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NEW

- Increased accuracy – with 7 improved coated sensors
- Calibrates all your monitors (monitor type recognizing display calibration)
- MQA (Monitor Quality Analysis) to find best pre-sets in the Gamma, White point and RGB level

Seven reasons to color calibrate your display

- 1. Displays render the same image differently**
Calibration tunes your display to a reference standard and brings greater color consistency across different displays.
- 2. Displays change over time**
Luminance can change by 25% over a year. Recalibration returns it to reference state for brightness and color.
- 3. Prints often do not match display**
Color mismatches between the display and print can be frustrating. Display calibration provides a base for improved print matching.
- 4. Wide gamut display inaccuracies**
Wide-gamut displays may show oversaturated and unnatural colors that need to be standardized and corrected through color calibration.
- 5. Highlight and shadow detail loss**
Control of brightness, white point and tone response through calibration results in accurate display of highlights and shadows.
- 6. White point is inconsistent and greys are not neutral**
White point varies by up to 20% on un-calibrated displays. Calibration makes the white point consistent and produces balanced, neutral greys.
- 7. Image colors are not true to life**
A calibrated display renders camera images with high color fidelity. You can edit and adjust your images with greater control and confidence.

Seven reasons to use Spyder4 for calibration

- 1. Full-spectrum color sensor**
Spyder4's patented 7-color sensor improves upon colorimeters that use 3-channel RGB sensors. Each Spyder4 unit is individually tuned in the factory to accurately handle a variety of wide-gamut and normal gamut displays with ease.
- 2. Single sensor calibrates all your displays**
Spyder4 works with your laptop, multiple monitors, projector, iPad and even iPhone. It works with LCD, LED, OLED, CRT, DLP (Spyder4ELITE version) and other display technologies. Spyder4 is unique in its ability to calibrate all your display devices to achieve greater consistency.
- 3. Improved accuracy and stability**
The fourth-generation Spyder4 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%.
- 4. Simple, automated calibration**
Spyder4 makes calibration straightforward. Position the color sensor on your display and step through the software wizard. The sensor measures a series of colors on your screen and creates a "profile" to standardize your display. You can compare images before/after calibration.
- 5. Fast Re-calibration Assistant**
The "ReCAL" feature makes it quick and easy to recalibrate your display to compensate for changes that occur over time.
- 6. Adapts display to surrounding light**
The lighting around you will affect image contrast and appearance. An additional sensor on the Spyder4 (Pro/Elite) measures the ambient light and calibrates your monitor to the appropriate ambient light level.
- 7. Software options for greater control**
Spyder4ELITE software offers options for visual fine-tuning of displays, use of video standards (Cineon, NTSC, PAL), analysis of color non-uniformity and change over time, use of Lstar, iterative grey balance for the most accurate greys, unlimited choices for gamma and luminance settings.

Spyder4 versions



Spyder4EXPRESS

- For photo enthusiasts
- Automated color calibration – easy as 1-2-3
- Provides essential color management for any single monitor or laptop display
- iPad ready



Spyder4PRO

- For advanced photographers
- Calibrates multiple monitors
- Ambient light sensor
- Present targets for gamma and white point
- iPad ready
- Calibrates your TV with a paid software upgrade available on the Datacolor website



Spyder4ELITE

- For pro photographers and creative professionals
- Advances multiple display tuning is perfect for studios
- Ambient light sensor
- Advances MQA (Monitor Quality Analysis) – same as Pro model plus color graphing for uniformity of light
- Compare gamut of your display to Adobe RGB and sRGB
- iPad ready
- Calibrates your TV with a paid software upgrade available on the Datacolor website

For a detailed comparison of features see the hardware and software specifications table.