

## Monitor Calibration

If you've ever fought to get the photos you print at home to look like the images you've been adjusting on screen, an incorrectly calibrated monitor was likely at the heart of your problem. Many times your images on screen look different from the same image in print. Digital photos and images demand accurate on-screen colors. Even the most advanced monitors require adjustment for different lighting conditions and environments to maximize their performance. Calibrating your display lets you control what you see on your monitor and ensures colors are accurate and consistent day-to-day, image-to-image, or on multiple systems for print, Web or video output.

**If you can not trust the colors displayed on your monitor, all other color management is a waste of time.**

Calibrating and profiling your monitor should, therefore, be your first priority. If color accuracy and the ability to match your prints to your monitor are important to you, a hardware calibration system is essential. If digital photography is your business, or you simply want the best colors you can get, the expense of a high quality calibration system is more than justified.

Hardware based monitor calibrators provide accurate and repeatable results. A monitor calibration device will correct the colors on your monitor using defined standards of color temperature and gamma. Next, the monitor's contrast and brightness levels are optimized. Once the monitor is calibrated a profile is created and saved on the computer's video card.

