

# SpyderCHECKR

## QUICK START GUIDE



### What You Get

- Spyder®CHECKR Case
- SpyderCHECKR Target Color Cards
- Serial Number
- Welcome Card – Including warranty information and download instructions

### System Requirements

- Windows 7 32/64, Windows 8.0, 8.1 32/64, 10 32/64
- Mac OS X 10.7, 10.8, 10.9, 10.10, 10.11
- Monitor Resolution 1280x768 or greater, 16-bit video card (24 recommended), 1GB of available RAM, 500MB of available hard disk space.
- Internet connection for software download

### Support

[support.datacolor.com](http://support.datacolor.com)



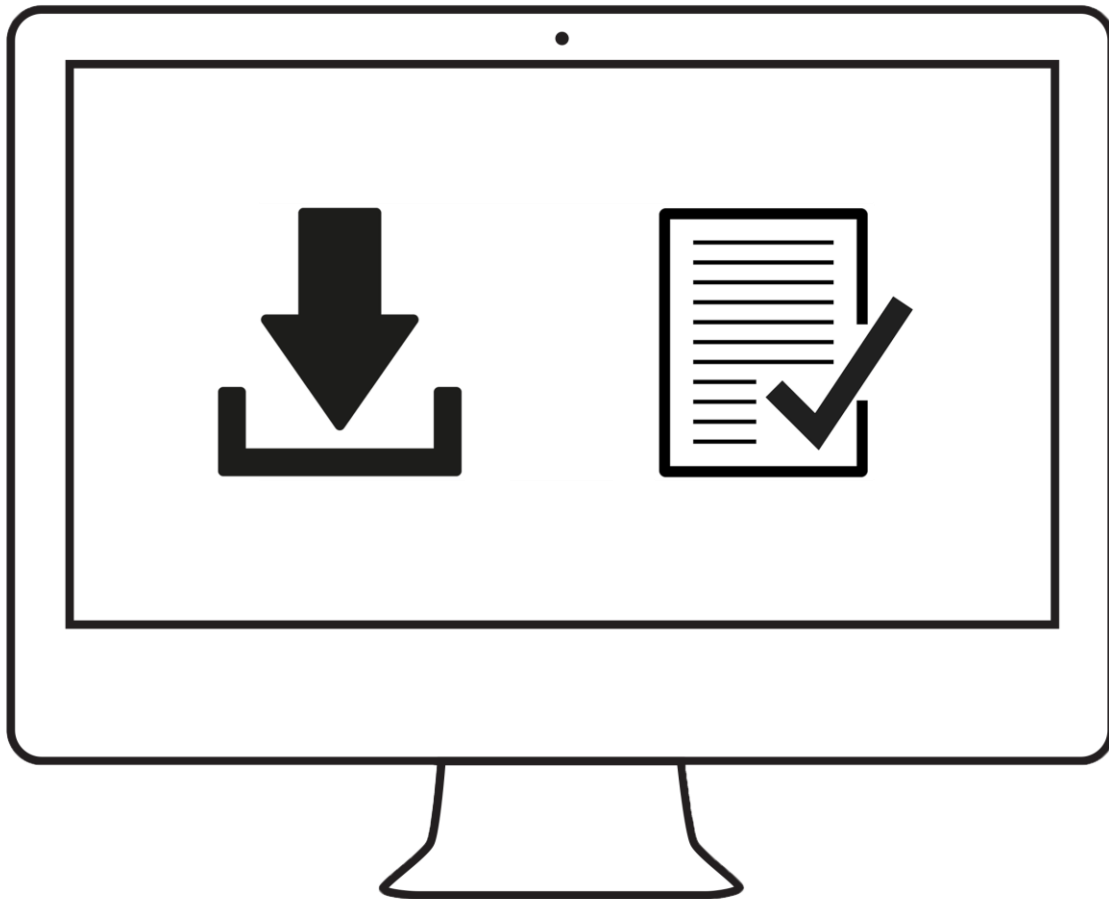
## Step 1 – Take Photos

Take at least one photo in RAW format including the SpyderCHECKR. It can be held, placed, or mounted on a tripod. It is important that the target be lit evenly, ideally from each side at 45 degree angles.



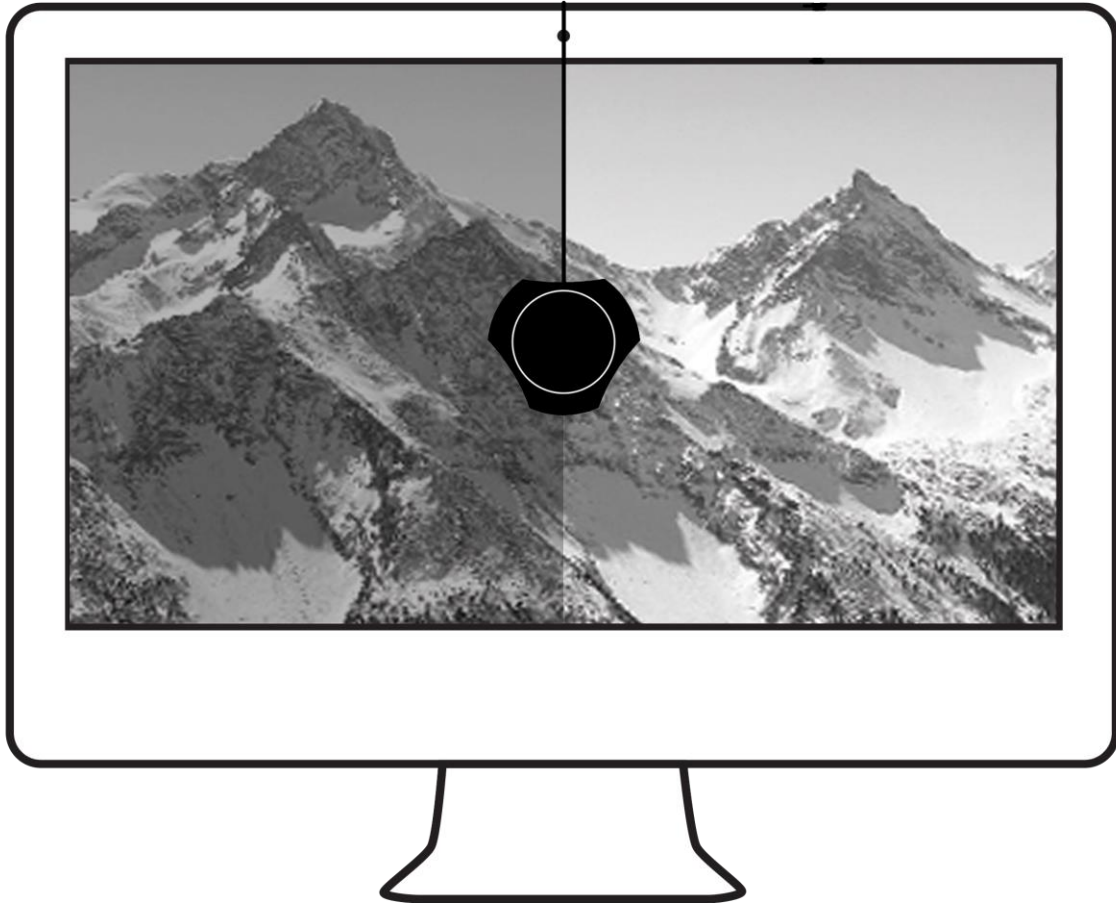
## Step 2 – Install and Activate

Install the SpyderCHECKR software from the [Datacolor Website](#). After the installation is complete, launch the SpyderCHECKR software to begin the activation and registration process. This will automatically start your Warranty. Use the Serial Number included in your SpyderCHECKR package to activate your software.



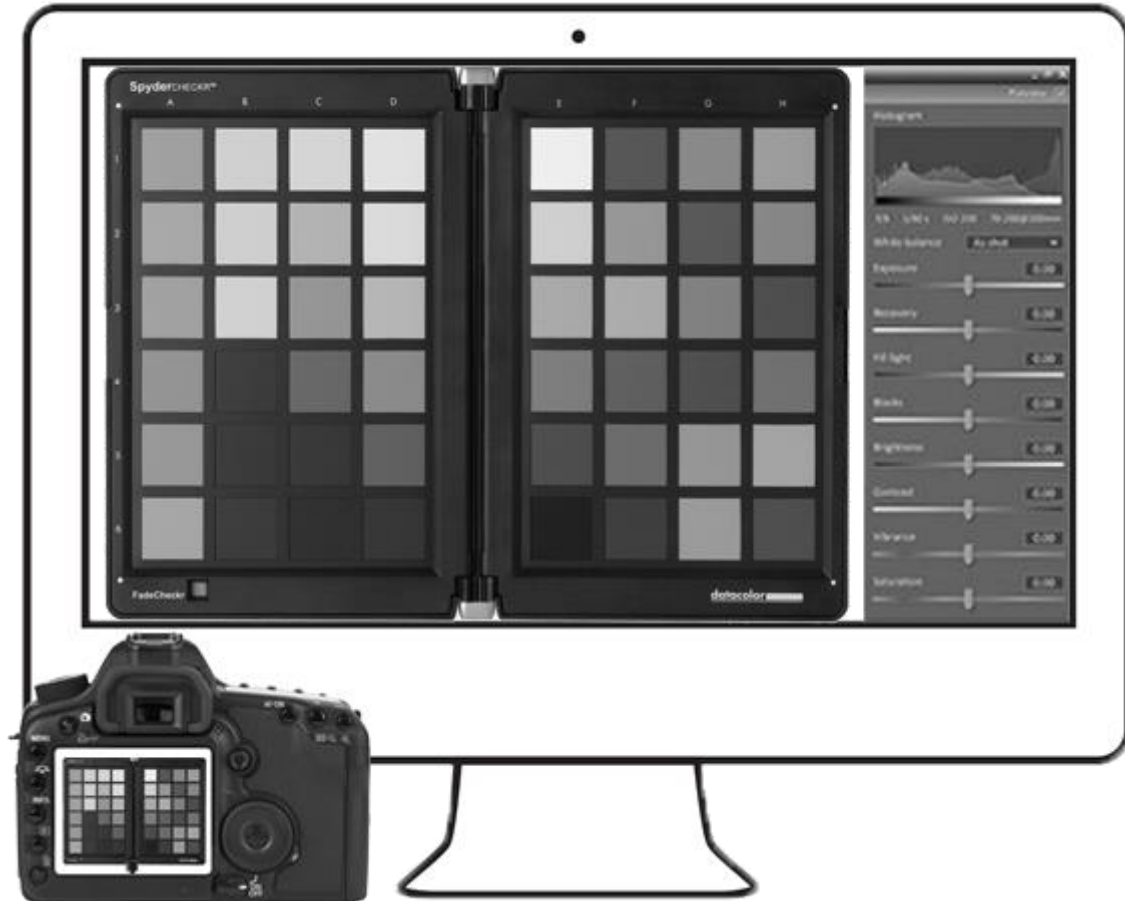
### Step 3 – Calibrate Monitor

Make sure your monitor is calibrated. Using your Spyder5 colorimeter, perform an initial calibration, or recalibration if you haven't calibrated your monitor within the last 4 weeks.



#### Step 4 – Adjust in Editing Software

Upload the image file onto your computer and open it in Adobe Lightroom, Adobe Photoshop, or Hasselblad Phocus.



It is recommended to have your histogram visible during editing for reference.

1. Straighten, fix distortion, and crop the target image.
2. Using the second lightest gray patch (E2) on the gray ramp, white balance the image using your application's White Balance tool.
3. Adjust the white patch (E1) to an RGB value that averages RGB: 230 or 90%.

If you are using Lightroom, move your cursor over the white patch to see the RGB percentages below the histogram. Adjust the Exposure slider so the measurements for RGB average 90%

If you are using Camera Raw, select the Color Sampler Tool and place a target on the white patch. Adjust the Exposure so the measurements for RGB average 230.

If you are using Phocus, move your cursor over the white patch to see the RGB measurements; found at the bottom right corner of the editing window. Adjust the Exposure so the measurements for RGB average 230.

4. Adjust the black patch (E6) to an RGB value that averages RGB: 10 or 5%.

If you are using Lightroom, move your cursor over the black patch to see the RGB percentages below the histogram. Adjust the Black slider so the measurements for RGB average 5%

If you are using Camera Raw, select the Color Sampler Tool and place a target on the black patch. Adjust the Black slider so the measurements for RGB average 10.

If you are using Phocus, move your cursor over the black patch to see the RGB measurements; found at the bottom right corner of the editing window. Adjust the Brightness so the measurements for RGB average 10.

## Step 5 – Save and Apply Preset

To use directly from Lightroom, right click on the target image and select “Edit In SpyderCHECKR”.

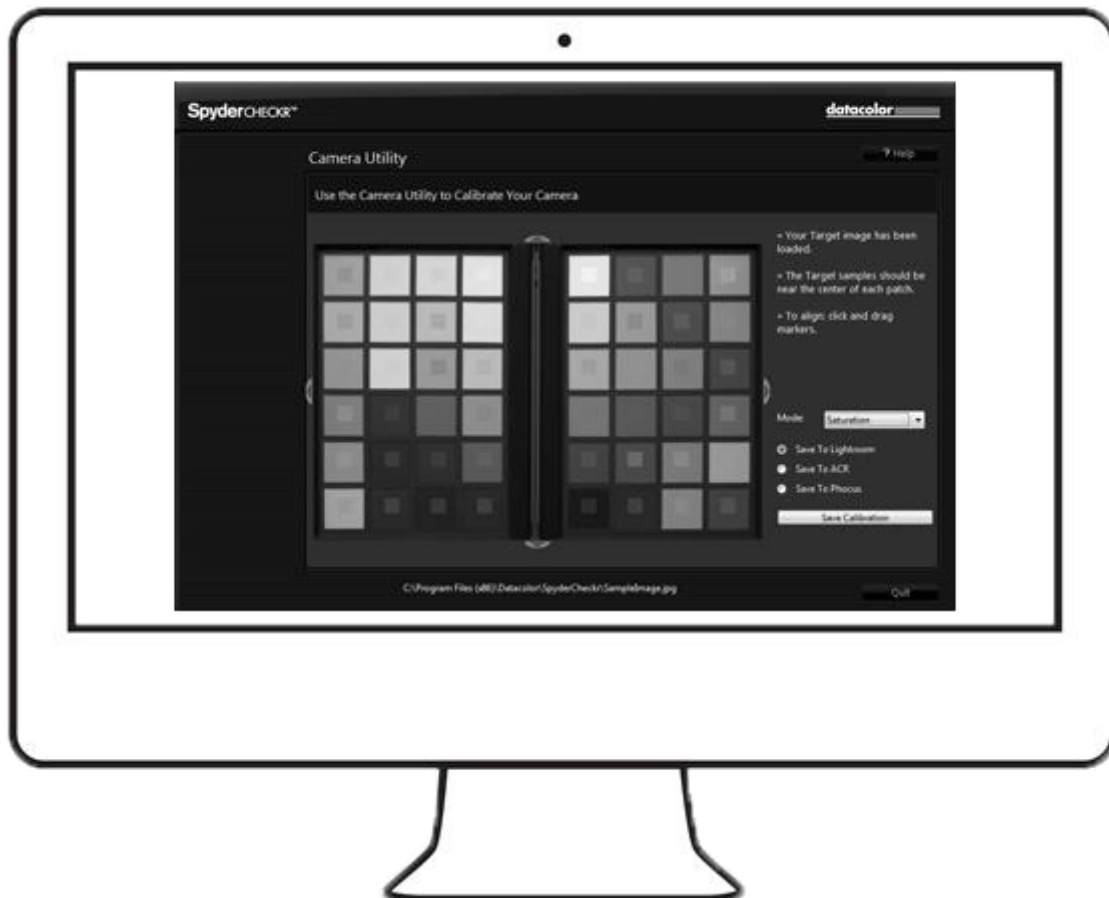
To use with Camera Raw, save the target image as an uncompressed .tiff file.

To use directly from Phocus, export the target image as a 16-Bit .tiff file then choose “SpyderCHECKR” as the export destination.

Launch the SpyderCHECKR software and open the target image. Adjust the patch indicators as needed until the patch grid aligns as close to the center of each patch of the SpyderCHECKR image as possible.

Move your cursor into the center area of the target image. Left click and you can move the entire target grid.

Each side of the target grid can be adjusted by moving your cursor just inside the blue half circle. When your cursor becomes two opposing arrows, you will be able to left click and move that side of the target grid.



Select your preferred color mode and the application you want to export to, then click “Save Calibration”.

Type the file name you want to assign to the preset created. (It is suggested to use a naming system that includes the camera model, lens, calibration mode, and SpyderCHECKR chart. For example, if you calibrate a Nikon D810 with an 85mm lens for Portrait Mode with the 48 patch SpyderCHECKR, a file name such as “D810\_85\_portrait\_48” would be optimal.)

Launch your editing software, adjust the white balance with a SpyderCUBE or another gray reference, and apply the preset you have made to all photos taken for the camera and lens combination.

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