

Nikon CoolPix 5000

Recommended Camera Settings for OneShot360™

After attaching the OneShot360 unit, and powering the camera on:

- **Zoom:** Use the Zoom to exactly fill the digital camera LCD viewer screen with the circular image. Use the Zoom button on the back of the camera. If you zoom in too much, you will lose part of the field of view. If you zoom in too little, you will not get maximum resolution. Note also that the donut image may not be exactly centered in the LCD screen – this is normal.
- **Flash:** Make sure to disabled the flash by pressing the flash/ISO button. This is the lightning bolt symbol to the right of the LCD screen on the back of the camera. Press button until you see the “flash off” icon on the LCD.
- **ISO setting:** RemoteReality recommends using an ISO sensitivity of 100. Rotating the command dial while pressing the ISO button sets sensitivity.
- **Self-timer:** Press the AF button until the timer-mode icon appears in the LCD screen. You will need to re-set the Manual Focus after setting the self-timer.
- **Focus:** Press the AF button on the back of the camera and hold it down while turning the Command dial until the desired distance is shown on the LCD panel. RemoteReality recommends a setting of 20 feet.
- **Aperture*:** Set the aperture to f7.1. Put your Nikon 5000 in *aperture* priority mode by holding down the MODE button on the top of the camera while turning the Command Dial until the “A” shows up in the LCD screen. Then adjust the Command Dial left/right to adjust to an f-stop of 7.1.

***NOTE:** You can use shutter priority mode, as long as you use a shutter speed that would give you the desires f# of 7.1. Also, make sure you are using a tripod when shooting with a slow shutter speed.

Press the MENU button and use arrow buttons to:

- **White Balance:** Under the REC menu, set the white balance. *Auto* is usually fine for most shots.
- **Image Quality and Size:** Use the SIZE button on the back of the camera to set the camera to Full/Fine.



Camera Guide

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Recommended Camera Settings for 360Plus

When taking 360x360 images, follow all of the above instructions, and the additional instructions below.

Because the 360Plus uses 4 images, it is best to make sure that all 4 images have the same exposure. This will ensure the end result will have a continuous tone and density throughout the image. The best way to do this is to:

- Look at the aperture and shutter speed settings shown in the LCD screen. If the values change while shooting the 4 images needed for a 360x360, then the exposure is changing between shots. Try to make the scene as evenly balanced with the same type of light as possible. For example, close window shades and turn on interior lights.
- You can also try selecting the AE lock setting under the menu/EXP. This will keep the exposure setting from changing between shots, but you must reselect the AE lock button after each shot so the exposure will lock for all four shots.
- Use the bubble level to set the lens mount to a level position before taking the first shot.
- Do NOT re-level between shots. It is normal for the bubble level to shift between shots. Re-leveling is not necessary and not recommended.
- When processing 360 Plus images in the RemoteReality software use the Nikon 990 camera setting.