

## Canon PowerShot G1/G2/G3/G5

### *Recommended Camera settings for OneShot360™*

Attach the OneShot360 unit, and power the camera on.

- **Zoom:** Use the Zoom to exactly fill the digital camera LCD viewer screen with the circular image. Use the zoom lever on the top of the camera, around the shutter button. 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 OneShot image may not be exactly centered in the LCD screen – this is normal.
- **Flash:** Make sure the flash is disabled by pressing the flash/index button (lightning bolt symbol) located above the LCD screen on the upper left of the back of the camera. Press the button until you see the “flash off” icon on the LCD.
- **ISO setting:** RemoteReality recommends using ISO sensitivity of 100 or less.
- **Focus:** To focus your OneShot image, use the Manual Focus function. Adjust the focal distance until a setting of 3 meters (or 9 ¾ ft.) is displayed on the LCD screen.
- **Aperture:** Put your Canon PowerShot camera in *aperture* priority mode by turning the top mode dial to Av, the symbol for aperture priority. Adjust the Omni Selector left/right to an f-stop of 7.1.
- **White Balance:** Set the white balance by pushing the +/- WB button (to the right of the LCD screen) twice. Then select AWB for Auto White Balance, which is fine for most shots.

**NOTE:** You can use shutter priority mode, as long as you use a shutter speed that would give you the desired 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:

- **Image Size:** Under the Resolution menu, set the image size to L (2272x1704) for best quality.
- **Self-timer:** Select the self-timer by pressing the self-timer button on top of the camera.



## 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 4 360 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 pushing the AE lock button (\*). This will keep the exposure setting from changing between shots, but you must push the AE lock button after each shot so the exposure will lock for all four shots.
- When processing 360Plus images in the RemoteReality software, use the **Sony DSC-S70** camera setting.