

Sony DSC-S85

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 on the back of the camera to do this. Zoom in too much, and you will lose part of the field of view. Zoom in too little, you will not get maximum resolution. The OneShot image may not be exactly centered in the LCD screen – this is normal.
- **Flash:** Make sure the flash is disabled. Press the flash section (lightening bolt symbol) of the control button located to the left of the LCD screen until you see the “flash off” icon on the LCD.
- **Focus:** Focus your OneShot image with the Sony DSC-S85, press the focus button and adjust the jog dial until the desired distance is shown on the LCD panel. We recommend a setting of **3 meters** (or 9 3/4 ft.)
- **Aperture Priority Mode:** Put your Sony DSC-S85 in *aperture* priority mode by turning the top mode dial to A mode which is the symbol for aperture priority.
- **Aperture:** Set the aperture to **f7.1**. To do this, be sure the camera is in Aperture Priority Mode. Rotate the jog dial until f7.1 is displayed. Press the jog dial to lock the value.

Note: Aperture priority mode may not be suitable for low light or some indoor shooting conditions because the camera will not allow a shutter speed slower than 1/30 of a second while in this mode. This would mean the image would not be properly exposed if using a small aperture. To work around this limitation, you can use shutter priority mode, and use a shutter speed that would give you the desired f#. 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 CAMERA menu, set the white balance. *Auto* is usually fine for most shots.
- **ISO Setting:** RemoteReality recommends using an ISO sensitivity of 100 for all shots. Under the CAMERA menu, set the ISO to 100.
- **Image Size:** Under the FILE menu, set the image size to 2272x1704 for best quality.



Camera Guide

REMOTEREALITY
4 Technology Drive
Westborough, MA 01581-0756
866-898-1010

- **Sharpness:** Under the CAMERA menu, set the Sharpness to "0" for best compromise between tonal range and contrast.
- **Self-Timer:** Select the self-timer by pressing the bottom arrow on the control button. Pressing the bottom arrow again will shut the timer off.

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 lower left of the LCD screen. If the numbers change while shooting the 4 360 shots 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.
- 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 **Sony DSC-S70** camera selection.