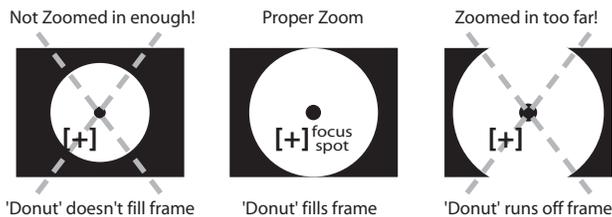


0-360 Panoramic Optic Setup for Fuji S9000 / S9500

- 1) Mount Camera to tripod, securely, with lens pointing vertically.
- 2) Place thick rubber band around inner lens barrel, and position zoom to about 90mm.
- 3) Thread 0-360 Panoramic Optic to camera. (Do not overtighten.)
- 4) Adjust tripod until Optic is vertical (refer to bubble level on top of Optic).
- 5) Turn Mode Dial to "A" (Aperture Priority), and turn Power on.
- 6) Rotate thumbwheel to set Aperture to F8.0.
- 7) Leave Flash closed (Flash off).
- 8) First time setup: Press the "f" button near LCD. Then use Arrow Pad to set:
---Quality to "9M [F]"
---ISO to "100"
Press "f" again to continue.
- 9) Press the "MENU" button. Then use Arrow Pad to set:
---Self Timer to "ON" 
---AF Mode to "AREA"
Press "MENU" again to continue.
- 10) Press Macro button ( on lens side of camera) to turn Macro Focus on.
- 11) Rotate AF switch (on lens side of camera) to "S" (spot).
- 12) Press and hold Spot Focus () button, and use Arrow Pad to position focus spot 2 notches below and one notch left (or right) of center (see below).
- 13) Press shutter release halfway to set focus
- 14) Adjust Zoom if necessary until 'donut' is as large as possible, without running off top or bottom of image frame (see below). Readjust rubber band as needed to hold zoom in place.
- 15) Press shutter release halfway to set focus, then fully to activate timer and take photo. You have 10 seconds to hide!

Advanced users: Use Bracketing on camera to take 3 different exposures at once.



A note about Aperture, Depth of Field, and Field of View

Aperture- a mechanism behind the camera lens similar to the iris of your eye, opening and closing to adjust the amount of light entering the camera. The aperture opening also determines the Depth of Field of the image.

Depth of Field- describes the objects in the image which are in focus, in terms of their distance from the camera. For example, a camera focused at 30m, with a Depth of Field of 8m, will have objects from 26-34m from the camera in focus. Objects closer than 26m or further than 34m will start to become blurry.

Field of View- the vertical Field of View (vFOV) of the 0-360 attachment. The 0-360 has a vFOV of 115 degrees, meaning it will "see" from 52.5° above the horizon to 62.5° below the horizon.

A smaller Aperture opening (higher F-Stop number) allows less light to enter the camera, but yields a higher Depth of Field. With a high F-Stop, the shutter speed needs to be slowed down to allow more light (else a dark photo), but will have more Depth of Field in focus.

A larger Aperture opening (lower F-Stop number) allows more light to enter the camera, but a lower Depth of Field. This means the shutter speed can be faster, but fewer objects will be in focus. (With slower shutter speeds, moving objects may blur.)

The 0-360 is designed to operate with a camera F-Stop of F8.0 or higher. This provides a high enough Depth of Field to allow the entire mirror to be in focus. With lower F-stops, the shutter speed can be increased, but the upper or lower portions (or both) of the mirror may not be entirely in focus. This means the image far above or far below the horizon may not be sharply focused. This may not be a problem, as many times the sky or the ground may not need to be sharply focused.

With the Fuji S9000 or S9500, you should be able to get a vFOV of approximately 110 degrees, with good focus across the entire image.

For best results, shoot a well-lit scene! With high F-Stops, you need good lighting, or longer exposure times.

Quick Start Guide

0-360.com
 360° Panoramic Photos, Just One Click!
 div. of Bellissimo, Inc.
 2483 Simons Ct. Carson City, NV 89703
 sales@0-360.com

Please read the Care Instructions on back page.

IMPORTANT!

Instructions for use with Fuji FinePix S9000/9500



ENJOY!

WARRANTY
 The 0-360 Panoramic Optic is warranted against defects in material and workmanship for a period of one year from date of purchase. This warranty does not cover damage caused by accident, abuse, misuse, exposure to the elements, or scratches to the mirror surface. If a defect in workmanship or material is discovered, 0-360.com will, at its option, repair or replace the Optic free of charge. Purchaser must first obtain a Return Authorization from 0-360.com, and return the unit properly packaged and freight prepaid. 0-360.com's liability is limited to repair or replacement of the Optic only. This warranty supersedes all other warranties, express or implied.

- 1) Do not touch, handle, or polish the mirror! While the mirror does have a protective coating, touching or rubbing on its surface can cause scratches. Use the dust blower provided to remove dust before shooting. Use lens cleaning paper or lens cloth only if absolutely necessary, and rub gently. NEVER use a paper towel or other material to clean.
- 2) Avoid dropping or mishandling the unit, as it is a sensitive glass optical device.
- 3) Store the unit in its carrying case when not in use, in an upright position and in a cool, dry environment.
- 4) Use care in threading the Optic into your camera, avoiding cross-threading.

Care Instructions

IMPORTANT!

Thank you for purchasing the 0-360 Panoramic Optic! With proper care and handling, the Optic should give you years of service. Here are a few important handling instructions: