



V2 Lens Ring for Sigma 8mm Fisheye with Nikon Mount

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This lens ring consists of a metal outer ring and a plastic inner ring that fits the lens barrel precisely. The inner ring allows exact mounting of lens, which protects it from stress by providing greater area of contact.

V2 lens ring improves its functionality by adding cut out windows to outer and inner rings, allowing focus distance to be read in both landscape and portrait orientations.

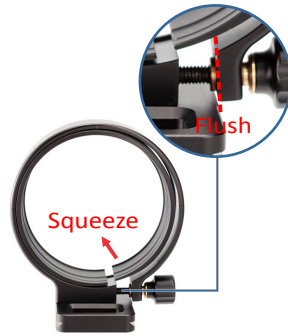
Lens Ring Components:

- LR2W outer ring
- Inner ring of Sigma 8mm / 15mm for Nikon V2
- LRP45X or LRP45X2 lens ring plate

Note that when LRP45X2 is used, 4 mounting screws should be installed as shown. This will ensure same NPP settings as LRP45X.



Installing Lens Ring to Lens



Loosen the knob on outer ring until the edge of opening is flush with lens ring plate. Don't loosen further. It will only make installation more difficult and can potentially damage the thread if knob is completely unscrewed. See Page 2 for trouble shooting.

Squeeze to take out the inner ring. Check label on inner ring to confirm with lens in use and direction of mounting. The arrow should point to the front of lens.

Align window on the inner ring to the reference mark of the focus scale. Insert the lens. Stretch the ring when necessary. Move it to a position where it fits snugly. Push it against the anchor point on lens to ensure exact mounting and consistent NPP setting.

We suggest fixing the inner ring with a piece of tape about 40mm (1.5") long. Stretch the tape so that the ring will grasp the lens firmly. This eases installation of outer ring and prevents movement of inner ring when outer ring is rotated. Cut any tape that goes beyond trimmed area of inner ring. This step can be skipped if users do not plan to rotate outer ring.

Align base of outer ring to opening of inner ring. Insert outer ring from the back of lens. Loosen lens ring knob slightly if necessary. Rotate and slide until positioned onto inner ring. Tighten fully. Mount lens to camera.

Mount lens ring to quick release clamp of pano head in use. Rotate to align windows of outer and inner rings with camera in landscape or portrait orientation. Slide the lens ring plate to NPP setting and tighten the clamp fully.

Tips and Tricks

Setting Accurate Roll Angle of Camera



There is no feature on lens to aid setting accurate roll angle of camera apart from 0° (landscape) and 90° (portrait). A piece of tape or label can be added to extend the reference mark on the lens. Roll angle can then be read in 30° intervals by aligning this mark to notches at the back of outer ring.

Using Different Roll Angle in Different Situations



A unique feature of the lens ring is its ability to roll the camera into different angles quickly. Experts in the field use different roll angles with crop sensor cameras in different situations. A roll angle of about 60° (sensor diagonal aligned vertically) can be used to take advantage of diagonal angle of view over horizontal and vertical to increase overlap or reduce number of images to be taken. This is important in multi-camera rig for capturing instantaneous action panoramas or panoramic videos, where fewer cameras equal substantial cost saving. A camera can also be rotated to landscape orientation temporarily to take extra shots to capture large moving objects such as waves, trains, busy traffic and various kinds of racing. The larger horizontal angle of view help to freeze the scene and reduce stitch issue due to movement across multiple image shots. The area near nadir and zenith usually contains static objects and is easy to stitch.

Removing Lens Cover From Sigma 8mm Fisheye



The lens cover consists of a cap and a lens hood. The cap and hood must be removed in order to get enough angle of view for taking panos with 4 shots around.

Trouble Shooting

Remote Port Blocked by Lens Ring for Some Nikon DSLRs

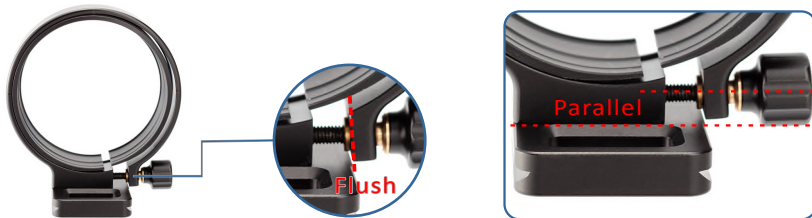


It is reported that lens ring for Sigma 8mm for Nikon blocks the remote port for Nikon D200/300/700 etc.

There are 3 ways to overcome this issue.

- Attach the remote cord to camera before mounting the lens. There is just enough clearance for the remote at the NPP setting.
- Rotate the lens ring plate away from the remote port if lens is already attached to camera. Install the remote. Rotate the lens ring plate back.
- Rotate the lens ring plate to handgrip side of camera. Now the handgrip will point down when mounted on R1/R10.

Outer Ring Knob Completely Unscrewed



The outer ring knob should not be unscrewed completely. If unscrewed completely, the thread inside the socket can become damaged if the screw is canted or skewed while attempting to re-tighten. Should the knob completely unscrews, ensure the knob screw is parallel to the lens ring plate again, then tighten the knob slowly. If a strong resistance is felt, loosen it and try again. **DO NOT FORCE THREAD THE SCREW.** If you are unable to tighten the knob, please contact customer support for assistance.