



PORTRAIT HELIAR 75mm F1.8
Z-mount

INSTRUCTION MANUAL

Thank you for purchasing a Voigtländer product. Voigtländer Z-mount series is a manual focus interchangeable lens that can be directly connected to the Nikon Z mount without an adapter.

The optical system is optimized for the image sensor of mirrorless cameras using the Nikon Z mount. The lens mount is equipped with electronic contacts that establish communications between the lens and camera body. Adding to the functions of Exif information and in-body image stabilization (3 axes), it corresponds to 3 types of focusing support function. [1] by color change of the focus point frame, [2] by focus-peaking, and [3] by the enlargement button) All through the combination of the communication compatible camera with latest firmware *1.

Features of the Z-mount series

- Designed exclusively for Nikon Z mount
- Communications with the body through electronic contacts
- Highly rigid and durable all-metal lens barrel
- Manual focus for reliable fine-focusing

*1 When using this product, some functions may be restricted depending on the body firmware. Please use with the latest firmware. Please check the Cosina website for the latest information and details.

www.cosina.co.jp/voigtlander/en/



Tips for lens care and safety

These tips are to protect the user from injury or damaging the lens.



WARNING

If the user ignores this warning and uses the equipment incorrectly, serious injuries and even death may be the result.



CAUTION

If the user ignores this caution sign it might result in injuries and damage the equipment.



WARNING

Never look directly at the sun with a photographic lens as this can damage your eyes.



CAUTION

Keep the lens, camera and accessories out of the reach of children.

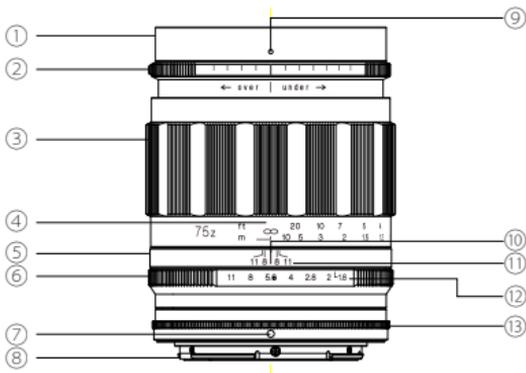


CAUTION

Store the lens away from direct sunlight and always store the lens with lens-cap on. Failure to do so may create a fire.

Description of Parts

- ① Filter Ring
- ② Spherical Aberration Control ring
- ③ Focus Ring
- ④ Distance Scale
- ⑤ Depth of Field Ring
- ⑥ Aperture Ring
- ⑦ Mount Index
- ⑧ Mount
- ⑨ Control Ring Index
- ⑩ Distance/Aperture Index
- ⑪ Depth of Field Scale
- ⑫ Aperture Scale
- ⑬ Mount Index Ring



● How to attach/detach the lens

Please refer to the instruction manual for your camera for how to attach or detach the lens to or from the camera mount.

* Please make sure to set the power of the camera to "OFF".

Please hold Mount Index Ring ③ to attach/detach the lens. To attach/detach the lens while holding other parts of the lens barrel can damage the lens.

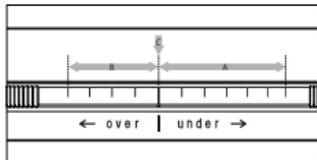
● Attaching Filter

Screw the filter (Ø62mm) to the front of the lens.

● How to operate the spherical aberration control ring

The spherical aberration of this product can be arbitrarily controlled by rotating the spherical aberration control ring ②.

1. When the control ring index ⑨ is within the range of "A", under-correction is performed.
2. When the control ring index ⑨ is within the range of "B", over-correction is performed.
3. If the control ring index ⑨ is in position "C" with a click, the normal position is selected.



How CPU/Contact works

1. Exif Data

Image files can store the Exif data of lens.

(For example, if you use Voigtländer 75mm F1.8)

Lens	75mm /f1.8
Focal length	75mm
Maximum Aperture	F1.8
Aperture	The aperture value you used to take the picture

2. Note: lens functioning with the camera body

Please note, that while the display indicates that items can be set for vignette control and automatic distortion correction, this lens does not support those functions. No matter which one is selected, it will not be reflected in the images.

● Specifications

Product Name	PORTRAIT HELIAR 75mm F1.8
Focal Length	75mm
Maximum Aperture	F1.8
Minimum Aperture	F11
Lens Construction	3 groups 6 elements
Angle of View	33.2°
Aperture Blade	9
Minimum Focus	0.7m
Macro Ratio	1:7.4
Filter Size	Ø62mm
Maximum Diameter	Approx. Ø71.2mm
Length	Approx. 90.0mm
Weight	Approx. 580g
Lens Hood	N/A
Aperture Ring	Available (Manual Setting)(1/3 stop increments)
Focusing Assist Function	Focusing by color change for focus point
	Focusing by peaking function
	Focusing with image magnification button
Supported Sensor Size	Full-frame

* Specifications and information is subject to change without notice.

● Specifications

Electric Contact	Available
Exif Data	Available
In-body image stabilization	Supported (3-axis) * only on cameras bodies with Image Stabilization
Supplied Accessory	Front Cap, Rear Cap
Mount	Nikon Z mount

- *1. Turning the spherical aberration control ring changes the aberration and the focus position, so check focus after adjusting spherical aberration.
- *2. Turning the spherical aberration control ring changes the f-stop (within 1/3 EV), so check exposure after adjusting spherical aberration.
- *3. Turning the spherical aberration control ring to the under side will reduce the peripheral light intensity. Adjust the correction amount or retouch the image after shooting.
- *4. The focus assist function may not operate when the control ring is turned to its extreme position.

* Specifications and information is subject to change without notice.