



APO-LANTHAR 50mm F2 Aspherical II 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 telephoto lens as this can damage your eyes.



CAUTION

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

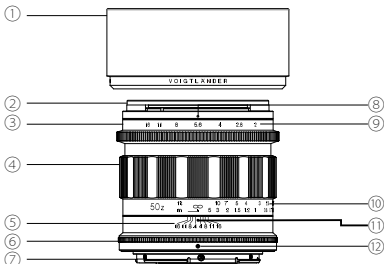


CAUTION

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 Lens Hood
- ② Filter Ring
- ③ Aperture Ring
- ④ Focus Ring
- ⑤ Depth of Field Scale
- ⑥ Mount Index Ring
- ⑦ Mount
- ⑧ Aperture Index
- ⑨ Aperture Scale
- ⑩ Distance Scale
- ⑪ Distance Index
- ⑫ Mount Index



● How to attach/detach the lens

Please refer to the instruction manual for your camera for how to attach/detach the lens.

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

Please hold the Mount Index Ring ⑥ to attach/detach the lens. To attach/detach the lens while holding other parts of the lens barrel may damage the lens.

● Attaching Lens Hood

Attach the lens hood by lining up the white dot on the lens hood ① with the aperture indicator mark ③ and then turn the lens hood clockwise until it stops. Remove the lens hood by rotating it anticlockwise. The lens hood can also be attached in the reverse position to improve portability and storability.



● Attaching Filter

Screw the filter (Ø58mm) to the front of the lens.

How CPU/Contact works

1. Exif Data

Image files can store the Exif data of lens.

(For example, if you use Voigtländer 50mm F2)

Lens	50mm /f2
Focal length	50mm
Maximum Aperture	F2
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	APO-LANTHAR 50mm F2 Aspherical II
Focal Length	50mm
Maximum Aperture	F2
Minimum Aperture	F16
Lens Construction	8 groups 10 elements
Angle of View	45.6°
Aperture Blade	12
Minimum Focus	0.45m
Macro Ratio	1:6.46
Filter Size	Ø58mm
Maximum Diameter	Approx. Ø68.8mm
Length	Approx. 64.3mm
Weight	Approx. 370g
Lens Hood	Available
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, Lens Hood
Mount	Nikon Z mount

* Specifications and information is subject to change without notice.