



**APO-LANTHAR 50mm F3.5 Type I  
VM**

INSTRUCTION MANUAL

Voigtländer VM-mount lenses cover the full frame format and are manually operated. The user manually sets the focus and aperture. They are designed to be used on both rangefinder film cameras and digital cameras with M-type lens mount. They can also be used on mirrorless cameras with appropriate adapters.

### Features of Voigtländer VM-mount lens

- VM-mount
- Full frame format
- Smooth manual focusing for precise focus
- Full metal construction

## 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 sign and uses the equipment the wrong way serious injuries and even death might 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 it may this can damage your eyes.



**CAUTION**

Keep the lens, camera and accessories out of 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 hazard.

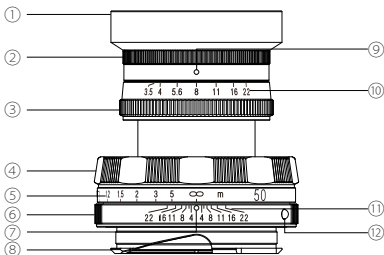
---

Never touch the lens surface. If it is dirty or dusty, use commercial lens cleaner or an appropriate lens cleaning cloth.

## Description of Parts

---

- ① Lens Hood
- ② Filter Ring
- ③ Aperture Ring
- ④ Focusing Ring
- ⑤ Distance Scale
- ⑥ Depth of Field Ring
- ⑦ Distance Index
- ⑧ Mount
- ⑨ Aperture Index
- ⑩ Aperture Scale
- ⑪ Depth of Field Scale
- ⑫ Mount Index



## ● How to attach/detach the lens

Please refer to the instruction manual for your camera for lens mounting / unmounting. Please be sure to hold the Depth of Field Ring ⑥ when attaching/detaching the lens. To attach/detach the lens while holding other parts of the lens barrel may damage the lens.

## ● Rangefinder lens coupling

This lens is capable of rangefinder focus coupling from infinity to 0.7 meter, providing the camera will permit it. Close focusing from 0.5 meter to 0.7 meter is possible either by scale focusing or by live view focusing with live view capable digital cameras.

## ● Attaching Filter

1. Screw the filter (Ø34mm) to the front of the lens.
2. Screw the Lens Hood ① into the thread of the filter when using the Lens Hood ① together with the filter.

## ● Attaching Mount Adapter

This lens can be used with below mentioned Voigtländer Adapters.

VM-E Mount Adapter II

VM-E Close Focus Adapter

VM-X Close Focus Adapter

VM-Z Close Focus Adapter

## ● Attaching Lens Hood

Screw the Lens Hood ① to the front of the lens.

To remove the hood, press the lens with hood attached into the palm of your hand while gently turning the lens counter clockwise. Trying to unscrew it with too much force may make the hood warp and then the hood or lens may be damaged. Please only slightly press the rim of the hood when you turn it.



## ● Specifications

|                      |  |
|----------------------|--|
| Product Name         | APO-LANTHAR 50mm F3.5 Type I                             |
| Focal Length         | 50mm   |
| Maximum Aperture     | F3.5   |
| Minimum Aperture     | F22  |
| Lens Construction    | 6 groups 8 elements                                      |
| Angle of View        | 45.7°  |
| Aperture Blade       | 10   |
| Rangefinder Coupling | ∞ ~ 0.7m   |
| Minimum Focus        | 0.45m (With focusing click at 0.7m)                      |
| Filter               | Ø34mm  |
| Maximum Diameter     | Ø52.0mm  |
| Length               | Approx. 45.0mm   |
| Weight               | Two tone: Approx. 245g / Matte black paint: Approx. 150g |
| Mount                | VM-mount   |
| Supplied Accessory   | Lens Hood, Hood Cap, Rear Cap                            |

\* Specification and information are subject to change without notice.