



# **HELIAR 40mm F2.8 Aspherical VM**

INSTRUCTION MANUAL

Voigtländer VM-mount lenses cover the full frame format and are manually controlled lenses. The user 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 focus for precise focusing
- All 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 injury and/or damage the equipment.

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**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 reach of children.



**CAUTION**

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

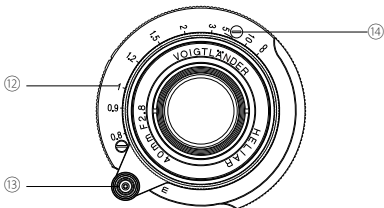
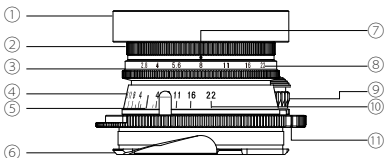
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Never touch the lens surface. In case it is dirty or dusty use commercial lens cleaner or appropriate lens cleaning cloth.

## Description of Parts

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- ① Lens Hood
- ② Filter Ring
- ③ Aperture Ring
- ④ Focus Ring
- ⑤ Distance Index
- ⑥ Mount
- ⑦ Aperture Index
- ⑧ Aperture Scale
- ⑨ Focus Lever
- ⑩ Depth of Field Scale
- ⑪ Mount Index
- ⑫ Distance Scale
- ⑬ Focus Lock Button
- ⑭ Focus Stop



## ● How to attach/detach the lens

Please refer to the instruction manual for your camera for how to attach/detach the lens. When attaching and detaching, use the focus lever ⑨, This is fixed at the infinity position, and focus stop ⑭ to rotate the lens. Holding and rotating other parts may cause a functional failure.

## ● Attaching Hood

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

## ● About Focusing

The focus is locked at the infinite ( $\infty$ ) position. Press the focus lock button ③ to release the focus lock, and then use the focus lever ⑨ to focus.

## ● Rangefinder coupling

Coupled focusing range of this lens is  $\infty \sim 0.7\text{m}$ . However, rangefinder coupling range will be different depending on the rangefinder mechanism of the camera used.

### ● Attaching Filter

Screw the filter (Ø34mm) to the front of the lens.

### ● Note on Black Painted Models

The mounts with black paint finish are not compatible with a 6-bit code system. The lens will not be recognized when used with cameras equipped with This system. Please set the lens detection output to OFF ( If LEICA M11 firmware is less than V1.30, Please set to AUTO).

### ● Attaching Mount Adapter

This lens can be used with below mentioned Voigtländer accessories.

VM-E Mount Adapter I / II

VM-E Close Focus Adapter I / II

VM-X Close Focus Adapter I / II

VM-Z Close Focus Adapter

## ● Specifications

Product Name	HELIAR 40mm F2.8 Aspherical
Focal Length	40mm
Maximum Aperture	F2.8
Minimum Aperture	F22
Lens Construction	3 groups 5 elements
Angle of View	57.0°
Aperture Blade	10
Rangefinder Coupling	$\infty$ ~ 0.7m
Minimum Focus	0.7m
Filter	Ø34mm
Maximum Diameter	Approx. Ø52.0mm
Length	Approx. 21.2mm
Weight	Approx. 131g
Mount	VM-mount
Supplied Accessories	Lens Hood, Front Cap, Rear Cap

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