



**COLOR-SKOPAR Vintage Line
21mm F3.5 Aspherical VM**

INSTRUCTION MANUAL

Voigtländer VM-mount lenses cover the full frame format and are manually controlled lenses. The user sets 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
- Full metallic 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 this can damage your eyes.



CAUTION

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



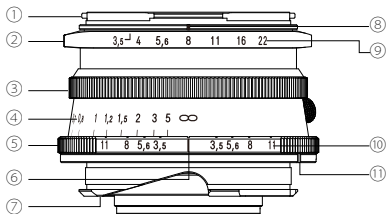
CAUTION

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.

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

Description of Parts

- ① Filter Ring
- ② Aperture Ring
- ③ Focusing Ring
- ④ Distance Scale
- ⑤ Depth of Field Ring
- ⑥ Distance Index
- ⑦ Mount
- ⑧ Aperture Index
- ⑨ Aperture Scale
- ⑩ Depth of Field Scale
- ⑪ 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 hold Depth of Field Ring ⑤ to attach/detach the lens. To attach/detach the lens while holding other parts of the lens barrel can damage the lens.

● 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 ($\varnothing 39\text{mm}$) to the front of the lens.

● Attaching Mount Adapter

This lens can be used with Micro Four Thirds mount Cameras / E-mount cameras by using Voigtländer VM Micro Four Thirds adapter / VM E-mount adapter II / VM-E Close Focus adapter.

● Optional Lens Hood LH-11

Optional Lens Hoods LH-11 are available.

Please ask your dealer for details.

● Attachment and Removal of optional Lens Hood

To attach, line-up the white mark on the Lens Hood with Aperture Index $\text{\textcircled{A}}$ on the lens and turn the Lens Hood clockwise while pushing it toward the lens.

To remove, push the Lens Hood toward the lens and turn it counterclockwise.



● Specifications

Product Name	COLOR-SKOPAR Vintage Line 21mm F3.5 Aspherical
Focal Length	21mm
Maximum Aperture	F3.5
Minimum Aperture	F22
Lens Construction	8 groups 9 elements
Angle of View	91.2°
Aperture Blade	10
Rangefinder Coupling	∞ ~ 0.7m
Minimum Focus	0.5m
Filter	Ø39mm
Maximum Diameter	Approx. Ø52.0mm
Length	Approx. 30.0mm
Weight	Approx. 180g
Mount	VM-mount
Supplied Accessory	Front Cap, Rear Cap

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