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Voigtländer

HELIAR-HYPER WIDE 10mm F5.6 Aspherical E-mount

INSTRUCTION MANUAL

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Voigtländer E-mount lenses are designed for use on E-mount camera body. The lenses cover the full frame format. They are manually controlled lenses so the user sets focus and aperture - the built-in CPU will transmit the information to the camera body to give the user Exif-data, and depending on the specification of the camera Auto-lens-correction, 5 axis-Image Stabilization as well as Manual-Focus Assist.

Aperture is in 1/3 stop increments. The Voigtländer E-mount lenses are also equipped with Selective Aperture Control System for use with video recording functions.

Features of Voigtländer E-mount lens

■ Built-in CPU for Full Frame E-mount camera bodies

■ Lens Construction Design for Digital Sensor

■ All Metal Lens Barrel for long life

■ Smooth Focus Ring for precise focusing

■ Selective Aperture Control System

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

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. Lens Hood
2. Aperture Ring
3. Aperture Control Ring
4. Focusing Ring
5. Distance Scale
6. Mount Index
7. Mount
8. Aperture Scale
9. Aperture Index
10. Distance Index
11. Depth Of Field Scale
12. Depth Of Field Ring

● 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 Depth of Field Ring ⑫ to attach/detach the lens. To attach/detach the lens while holding other parts of the lens barrel can damage the lens.

● Selective Aperture Control System

You can choose two modes – with or without Click Stops - on the Aperture Control Ring.

1. Push the Aperture Control Ring ③ towards the Aperture Ring ② .

2. Turn the Aperture Control Ring ③ 180 degrees.

3. Make sure to align the 2 indexes ⑨ and ⑩ .

* If the white mark on the Aperture Control Ring ③ is in line with the indexes, the lens is in Click Stop-mode. The yellow mark indicates the Clickless-mode.

How CPU/Contact works

1. Exif Data

Picture can store the Exif data of lens.

(For example, if you use Voigtländer 10mm F5.6)

Lens:	E 10mm F5.6
Focal length:	10mm
Maximum aperture:	F5.6
Aperture:	The aperture value you used to take the picture

* Some camera bodies can not transmit the data of Aperture setting correctly.

2. Lens Correction Data

The lens stores the data for lens correction. You can set Auto Lens Correction on camera bodies;

Fall off:	Auto/Off
Chromatic Aberration:	Auto/Off
Distortion:	Auto/Off

* On some camera bodies, you can not choose Auto Lens Correction Mode. In that case, a setting depends on the camera.

3. Manual Focus Assist

Magnified Live View Image will be seen on the camera's LCD screen when the camera detects the Focus Ring rotation. You can choose duration of the mode;

Off / 2 seconds / 10 seconds / unlimited

* Please set "MF Mode" to use this function.

* On some bodies, you can not use this function. Please refer to the instruction manual of your camera.

4. Focus Distance Setting

Focus Distance Setting Indication can be seen on the camera's LCD display when the Focus Ring rotation is detected by the camera.

* Please set "MF Mode" to use this function.

* On some camera bodies, you can not use this function.

5. 5-Axis Image Stabilization

The Heliar-Hyper Wide 10mm F5.6 E-mount lens is compatible with E-mount cameras with built-in multi-axis Image Stabilization.

● Specifications

HELIAR-HYPER WIDE 10mm F5.6 Aspherical

Focal Length:	10mm
Maximum Aperture:	1:5.6
Minimum Aperture:	F22
Lens Construction:	10 groups 13 elements
Angle of View:	130°
Aperture Blade:	10
Minimum Focus:	0.3m
Maximum Diameter:	ϕ 67.4mm
Length:	68.5mm
Filter:	*)
Weight:	375g
Lens Hood:	Integrated lens hood
Aperture Ring:	Available (Manual Setting)
Electric Contact:	Available
Manual Focus Assist:	Available
Exif Data:	Available
Auto Lens Correction:	Possible
5-Axis Image Stabilization:	Possible
	*only on camera body with 5-Axis Image Stabilization
Other:	Selective Aperture Control System

*) Due to the extreme angle view of the Heliar-Hyper wide 10mm F5.6 conventional screw in filters can not be used.