LAOWA FF II Argus 35mm f/0.95

使用手册
Instruction Manual

微信公众账号　FACEBOOK

安徽长庚光学科技有限公司

www.laowalens.com

服务热线：400-066-1316
Email: sales@laowalens.com
电话Tel：(+86) 551-69107990
地址：合肥市庐阳区天水路与太和路交口庐阳中科大校友创新园5号楼
Add：Building 5, USTC Alumni Innovation Park, Crossing of Tianshui and Taihe Road, Luyang District, Hefei City, Anhui Province, China

LAOWA 老蛙

Preface

Thank you very much for purchasing LAOWA FF II Argus 35mm f/0.95 wide aperture lens. This is an ultra-wide aperture f/0.95 lens for mirrorless full-frame camera systems which features an internal focusing design. This lens is suitable for shooting video with a switchable aperture ring for de-clicked stops and minimal focus breathing.

⚠ *Read this operation manual carefully to familiarize yourself with its contents and ensure that you can operate the product properly. Keep the Instruction Manual in a safe place where it can easily be referenced whenever required. If you are still unable to solve the problem by reading the manual, please contact our after-sales service for further technical support.*

Features

- The Argus range features an internal focusing design, which is the mainstream photographic lens design of modern lenses. This lens employs multiple groups of floating matching focus. It works to correct any aberrations and to achieve corner-to-corner sharpness at all focal distances. Laowa Argus 35mm f/0.95 CF APO with internal focus helps the photographer with stability, preventing the dust or ashes falling into the lens. The physical size of an internal focusing lens does not change during focusing. It is able to use the accessories designed to be set to a specific position like matte boxes, UV filters. The internal focusing design achieves a low breathing effect by inter-group interval correction, which is suitable for photo shooting while also being more suitable for video shooting.

- The maximum aperture of this lens is f/0.95, which allows you to shoot at lower light levels without boosting the ISO so the unwanted noise in the images will be eliminated. A fast aperture also brings a shallow depth of field for more prominent shots of the subject.
- The lens employs a mechanism which switchable for clicked or de-clicked aperture. De-clicked aperture allows for smooth exposure adjustment during the video shooting. The optical design optimizes for a lower breathing effect and it eliminates the distraction of the changes in angle of view when moving focus from one subject to another.
- The lens is constructed of 14 elements in 9 groups, including one aspherical element, one extra-low dispersion element and 4 high-refractive index elements. The all-metal structure ensures the lens' assembly accuracy and reliability.

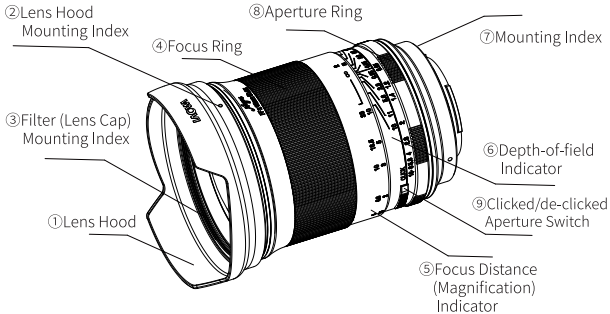
⚠ Safety Precautions

- Do not disassemble, modify the lens by yourself. Do not touch the internal parts that become exposed as the result of external force.
- Do not leave the lens where it will be exposed to high temperatures, such as in direct sunlight and an enclosed vehicle. Excessive heat may deform the glass elements and other parts of the lens.
- Whether it is attached to the camera or not, do not leave the lens under the sun without the lens cap attached. This is to prevent the lens from concentrating the sun' s rays, which could cause a fire.
- Do not place the sun in the frame center when shooting with backlight. Doing so might cause a fire or harm your eyes.
- The camera' s built-in flash will cause barrel shadow if used with this lens. For best results, please use an external flash unit.

Maintenance Precautions

- Do not touch the surface of the lens directly. Brush off any dust with a blower. Wipe the surface with a cleaning cloth or a lens tissue.
- Try a circular motion from the center outward to remove oil, fingerprints and grime on the lens surface.
- If your lens is brought directly from a cold place to a warm place, condensation may appear on the lens. To avoid this, be sure to take some action to protect the lens.

Nomenclature



Instructions

To attach the Lens

Remove the rear lens cap. Align the mounting index⑦ on the lens bayonet with the mounting index on the camera, and place the lens on the camera mount, then rotate the lens according to the proper direction of the mount type until it locks. Do not use excessive force during installation to avoid damage to the bayonet.

After attaching the lens, please try to rotate the lens to make sure it mounted onto the camera properly.

To remove the lens

Turn the camera off. While pressing and holding the lens release button on the camera, rotate the lens in the reverse direction for attaching the lens until it stops, then detach the lens.

Attaching/detaching lens hood

Align the mounting index on the lens hood② and the lens. Turn the hood clockwise until it locks.

For detaching the lens hood, rotate it counterclockwise.

It is recommended that you use a lens hood to reduce strong light and protect the front element.

Lens hood may be unavailable when using certain filters.

When storing, turn over the lens hood and place it onto the lens backward.

When shooting with a flash, the lens hood may block light and cause vignetting. So when shooting with the camera' s built-in flash or with the external flash unit that is not high enough, please remove the hood before shooting.

Focusing

- This is a fully manual lens. Rotate the focusing ring④ slowly to get focus.

Turn the focus ring slowly and gently to prevent the focus mechanism from damage.

The distance scale⑤ and depth of field scale⑥ are for instructional purposes. Actual focus and DOF may slightly differ from those scale indications.

To get precise focus, it is recommended to focus wide open when the camera position is fixed. Get focus first, then set the desired aperture by turning the aperture ring.

Turn on the focus peaking on the camera to help focusing. (Note that the function depends on camera models.)

Setting the Aperture

- Aperture is set through the aperture ring on the lens, and the clicked/de-clicked aperture switch is applied. You could switch between clicked aperture and stepless aperture depending on your shooting. According to the shooting situation and desired depth of field, rotate the aperture ring on the lens to the corresponding aperture. It is recommended to check the aperture value before shooting to avoid unintended changing the value.

  Since the lens has no CPU data, the aperture value can't be recorded.

Focusing Methods

Method 1 Focus Peaking

- ①Turn on the Focus Peaking on the camera. Chose the red color or other commonly used colors. Sets the Peaking Level to low.
- ②Check the frame by the viewfinder or [Live View] on the camera and try to get focus by Focus Peaking.
- ③Rotate the focus ring to achieve precise focus.

Method 2 Focus Magnification

- Set the frame first. Turn the focus ring while you are checking the image through the viewfinder or [Live View] on the camera. After setting the composition, magnify the focus by press the button on the camera or double click the screen, then turn the focus ring to get focus.

  Note: Since the depth-of-field is very shallow at f/0.95, it is recommended to use a tripod and set the camera to the safe shutter speed to ensure picture stability during shooting. Focusing is recommended to use a combination of peaking and magnification to ensure a sharp image.

Specifications

LAOWA FF II Argus 35mm f/0.95	
Format	Full Frame
Focal Distance	35mm
Aperture Range	F0.95-16
Angle of View	63.4°
Lens Structure	14 elements in 9 groups (Aspherical Lens*1, ED glass*1, UHR glass*4)
Aperture Blades	15
Min. Shooting Distance	50cm
Max. Magnification	0.1X
Focusing	MF
Filter Thread	Φ72mm
Dimensions	Φ76.8mm*103mm
Weight	About 755g (without lens hood and both front cap and rear cap)
Mounts	Sony E / Nikon Z / Canon R