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AF FF 200mm F2.0 C-Dreamer

使用手册

Instruction Manual

LAOWA 老蛙

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design and specifications at any time without notice and
to the final interpretation of the *Instruction Manual*.



前言

真诚地感谢您选购AF FF 200mm F2.0 C-Dreamer 全画幅长焦镜头。凭借超大光圈F2, 轻松捕捉奶油般化开的梦幻焦外, 并在黄昏、室内等弱光下游刃有余。优异的光学设计和扎实做工, 为专业人像、舞台、野生动物摄影提供高性价比的顶级光学体验。



为了操作上的安全, 使用本产品前请务必仔细阅读使用手册与注意事项, 并将手册放在需要时容易取得的地方。如遇到不能解决的问题请通过售后电话获取技术支持。

主要特色

- AF FF 200mm F2.0 C-Dreamer 在全画幅系统上实现了200mm焦距与F2超大光圈的罕见组合,规格本身即具突破性。F2光圈在200mm长焦上能营造出极其强烈、奶油般化开的梦幻背景虚化效果,同时为弱光环境拍摄提供了强大的进光量保障。
- 镜头采用更加先进的光学设计,特别针对大光圈长焦常见的色散问题进行了优化。即使在最大F2光圈下全开使用,也能有效抑制紫边、绿边等色差,确保画面中心到边缘都保持出色的高分辨率和高对比度,实现“全开即锐利”。
- F2的超大光圈显著提升了镜头在黄昏、室内或夜景等弱光环境下的战斗力,允许使用更低的ISO或更高的快门速度,从而获得更纯净的画质。同时,巨大的光圈结合200mm焦距,赋予了摄影师无与伦比的浅景深控制力,能轻松将主体从杂乱的背景中剥离凸显。
- 各个卡口均具备自动对焦功能,同时,镜头采用全金属镜筒结构,提供了优异的坚固耐用性和专业质感,保证了在户外或恶劣环境下的可靠工作性能。

注意事项

△ 安全注意事项

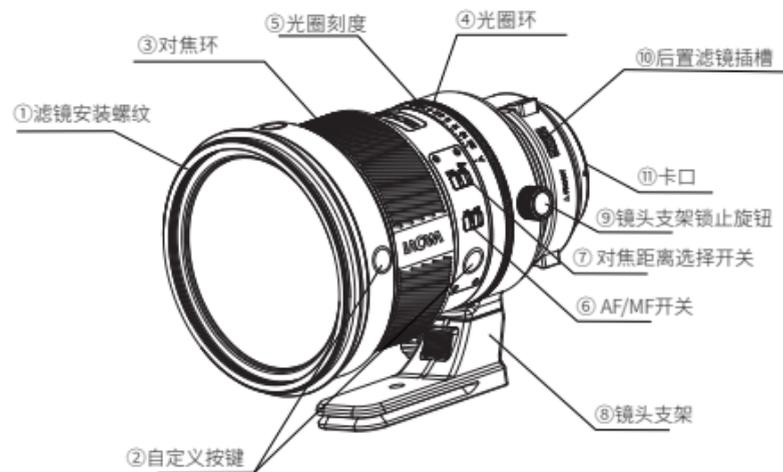
- 切勿自行在镜头结构拆装功能之外的拆解、修改或改装。当产品由于外力原因破损,切勿触碰外露部分或破损边缘处。
- 切勿放置于直射阳光下、封闭车辆中或其余高温处,否则过高的温度会使镜片和其他部件产生伸缩变形。
- 不使用镜头时,请将镜头前盖盖上或置于没有阳光照射处。凸透镜反射出的光线可能会聚集在附近物体上,导致发生火灾。
- 在逆光拍摄时,切勿将太阳置于画面中心,应该使太阳充分偏离画角,否则阳光会在相机内部聚集并导致火灾或灼伤眼睛。

注意事项

长期使用保养注意事项

- 避免触摸镜头表面,应用专用镜头布或气吹去除镜头表面的尘埃,不使用镜头时,应将镜头盖盖上。
- 使用镜头纸或镜头布清洁时,以螺旋的方式从中间向外擦拭镜头上的污垢以及指印。
- 镜头从寒冷的环境突然转移至温暖的环境时,镜头的外部以及内部镜片将会凝结水雾,所以在转移时应采取防潮保护措施。

各部件名称



使用说明

■ 镜头安装

取下镜头后盖，将镜头卡口⑪上的安装标记对准相机座圈上的对应标记，随后将镜头插入机身座圈，根据所购买卡口的安装方式进行安装。安装时请不要用力过猛，以免导致卡口损伤。

■ 镜头拆卸

关机后按住相机上的镜头释放按钮，依照所购买卡口的安装方向反向旋转镜头，随后将镜头从座圈中拔出。

■ 镜头支架

设计了专用镜头支架⑧，镜头支架采用快拆设计，方便用户快速拆卸支架。

支架环每45°有限位设计，方便用户快速改变构图。

支架为燕尾槽快装设计，适配主流云台，并且底部预留1/4螺孔，方便用户安装各类快装板。

■ 对焦

各个卡口均为自动对焦镜头，也可通过镜身AF/MF切换键改变成手动对焦模式。

不要过猛过快地旋转对焦环，避免用力过度损坏对焦环部件。

手动对焦模式下，为了更准确对焦可以采用放大对焦模式，或者开启开启相机内的峰值对焦功能(视所使用相机功能而定)。

■ 对焦距离选择拨杆

镜身上设计了对焦距离选择拨杆，对焦范围可调整为5m--∞和全程对焦，用户可根据实际拍摄场景，选择对应对焦距离。

■ 光圈使用

E和Z卡口镜身上设置了光圈环，可通过旋转光圈环④来调整对应数值，光圈环设置了A档，可将档位调整到A档，通过机身调节光圈数值。

E和Z卡口光圈环设计了无级光圈切换拨杆，可将有级光圈调整成无级光圈，视频拍摄调整曝光更加顺畅。

EF卡口无手动光圈环，需通过机身调整光圈。

FN按键

各卡口镜身前端均设置了4颗FN按键，镜身1颗。EF和E卡口前端4颗FN按键为串联模式，并且只有1个对焦预设的功能，长按FN按键1.5秒锁定焦点激活此功能，锁定焦点后，短按即可回到预设焦点。镜身上FN按键可根据机身功能设置不同自定义功能。

Z卡口前端4颗FN按键也均为串联模式，相较于EF和E卡口，这4颗FN按键可根据机身功能设置不同自定义功能。镜身上FN按键可根据机身功能设置不同自定义功能。

后置滤镜

E和Z卡口有后置滤镜结构，可安装43mm圆形滤镜，出厂会附赠一片UV镜。

后置滤镜参与成像，建议使用镜片厚度为1.5mm的滤镜，镜片过厚会导致合焦不准确，并且镜框厚度不超过4.3mm。

规格表

AF FF 200mm F2.0 C-Dreamer	
画幅	全画幅
焦距	200mm
光圈范围	F2-22
视场角	12°
镜头结构	9组11片
光阑叶片	9片
光圈行程	49°
最近摄影距离(物像距离)	150cm
最大放大倍率	0.15倍
合焦驱动方式	手动/自动
滤镜尺寸	Ø105mm(前置滤镜) Ø43mm(后置滤镜、EZ卡口)
镜头尺寸	E约Ø118mm*175mm
重量	EF约:1588g EZ约:1765g(仅镜身重量)
卡口	EF / E / Z / GFX



Preface

Thank you for purchasing the AF FF 200mm F2.0 C-Dreamer full-frame telephoto lens. With its ultra-large F2 aperture, it easily captures dreamy, creamy bokeh and excels in low-light conditions such as at dusk and indoors. Its superior optical design and solid build quality provide a cost-effective, premium optical experience for professional portrait, stage, and wildlife photography.



 *For operational safety, please read the manual and precautions carefully before using this product, and keep the manual at a place that is easily accessible when needed. If you encounter a problem that cannot be solved, please ask for technical support through email.*

Features

- The AF FF 200mm F2.0 C-Dreamer achieves the rare combination of the 200mm focal length and an ultra-large F2 aperture on a full-frame system, a breakthrough in its own right. The F2 aperture at 200mm creates an incredibly intense, creamy, dreamy bokeh effect while also providing ample light intake for low-light shooting.
- The lens utilizes a more advanced optical design, specifically optimized to address the chromatic aberration common with fast aperture and telephoto lenses. Even when used wide open at its maximum aperture of F2, it effectively suppresses chromatic aberrations such as purple and green fringing, ensuring exceptional high resolution and contrast from center to edge of the frame, achieving “sharpness even at wide-open.”
- The ultra-large F2 aperture significantly enhances the lens’s performance in low-light conditions, such as at dusk, indoors, or at night, allowing the use of lower ISO settings and higher shutter speeds for purer image quality. Furthermore, the large aperture combined with the 200mm focal length gives the photographer unparalleled control over shallow depth of field, making it easy to isolate the subject from a cluttered background.
- Autofocus functionality is available across all mounts has autofocus function. At the same time, the lens adopts an all-metal barrel construction, providing excellent durability and professional texture, ensuring reliable working performance outdoors or in harsh environments.

Precautions

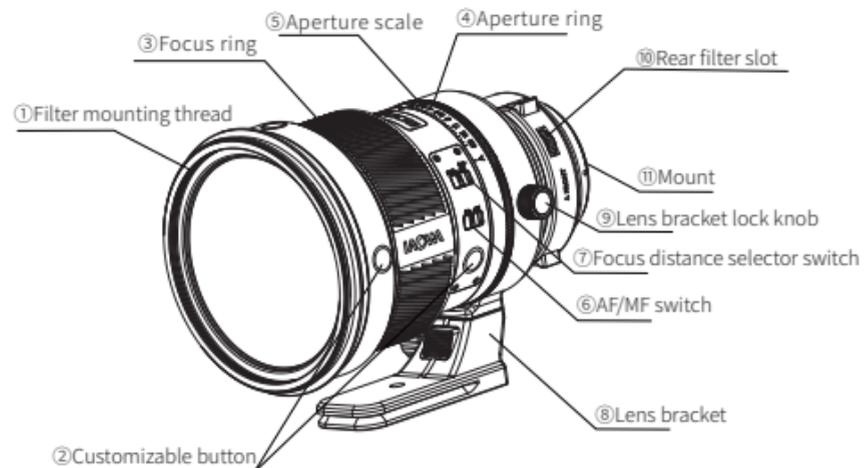
■ ⚠ Safety Precautions

- 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.

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.

Name of each part



Instructions

■ To attach the Lens

Remove the rear lens cap. Align the mounting index ⑩ on the lens bayonet with the mounting index on the camera. Place the lens on the camera mount, then rotate the lens according to the proper direction of the mount type. Do not use excessive force during installation to avoid damage to the bayonet.

■ 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.

■ Lens Holder

A dedicated lens holder ⑧ features a quick-release design for quick removal. The holder ring has 45° clicking position design for quick composition adjustments. The holder features a dovetail quick-release design compatible with mainstream gimbals, and a 1/4" screw hole is provided on the bottom for easy attachment of various quick-release plates.

■ Focusing

All mounts feature autofocus lenses, which can also be switched to manual focus mode via the AF/MF on the lens barrel.

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

In manual focus mode, you can use the focus magnification mode, or turn on the focus peaking on the camera for more accurate focusing. (Note that the function depends on camera models.)

■ Full / 5m-∞ Focus Range

Focus Distance Selector Switch

The lens features a focus distance selector switch that allows you to adjust the focus range from 5m-∞ and full focus. Users can select the appropriate focus distance based on their actual shooting scenario.

■ Setting the Aperture

E and Z mount lenses feature an aperture ring ④, which can be rotated to adjust the corresponding aperture value. The aperture ring includes an "A" mode, which allows you to adjust the aperture value from the camera body.

E and Z mount lenses are also equipped with a aperture click switch mechanism for the aperture ring, allowing users to switch between open aperture and stepless aperture control. This enables seamless exposure adjustments during video shooting.

EF mount lenses do not have a manual aperture ring; the aperture must be adjusted through the camera body.

■ FN Button

All lens mounts are equipped with four FN buttons on the front of the lens barrel and one additional FN button on the barrel itself. The four FN buttons on the EF and E mounts are in tandem mode and have only one preset focus function. Long-pressing the FN button for 1.5 seconds locks focus and activates this function. Once locked, a short press returns to the preset focus. The FN button on the lens barrel can be assigned to various custom functions via the camera body.

The four FN buttons on the Z mount are also in tandem mode. Unlike the EF and E mounts, these four FN buttons can be customized to different functions based on the camera's capabilities. The FN buttons on the lens can be customized to different functions based on the camera's capabilities.

■ Rear Filter

The E and Z mounts have a rear filter holder that accepts 43mm round filters. A UV filter is included with the lens as standard.

Rear filters play a role in imaging, it is recommended to use filters with a glass thickness of 1.5mm. Thicker filters can result in inaccurate focusing. Additionally, the filter frame thickness should not exceed 4.3mm.

Specifications

AF FF 200mm F2.0 C-Dreamer	
Format	Full Frame
Focal Length	200mm
Aperture Range	F2-22
Angle of View	12°
Lens Structure	11 elements in 9 groups
Aperture Blades	9
Aperture Throw	49°
Min. focusing Distance	150cm
Max. Magnification	0.15X
Focus Type	AF / MF
Filter Thread	Ø105mm(Front Filter) Ø43mm(Rear Filter, EZMounts)
Dimensions	About Ø118mm*175mm(E)
Weight	EF约:1588g EZ约:1765g(Lens-Only Weight)
Mounts	EF / E / Z/ GFX