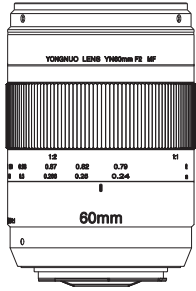


微距镜头 YN60mm F2 MF



感谢您购买永诺产品！

在使用本产品前，请务必先仔细阅读本手册，以确保您能正确、安全使用。
请妥善保管好本手册，以便日后能随时查阅。

产品特点

- (1) YN60mm F2 MF 镜头是针对数码单反相机设计的一款微距镜头。
- (2) 最大放大倍率达到1:1。
- (3) 最近对焦距离可达0.234m。
- (4) F2明亮大光圈，轻松实现虚化背景、突出主体效果。
- (5) 既可用于普通拍摄，又可用于微距拍摄。
- (6) 本产品搭配APS-C画幅的数码相机使用时，相当于约96mm镜头的视角，可用于人像特写等拍摄。

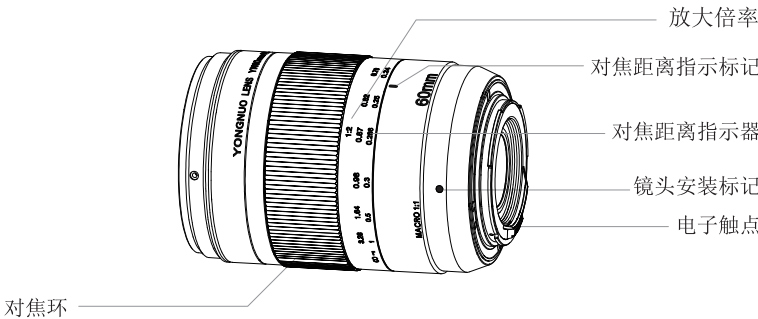
安全注意事项

- 请勿透过镜头或相机观看太阳或明亮的光源，否则会使视力受损。
- 无论镜头是否装在相机上，请勿将没有盖镜头盖的镜头置于太阳下，否则镜头可能汇聚光线并引发火灾。不使用时请盖上镜头盖。

保养及存放注意事项

- 应避免撞击或直接放置在酷热、极冷或潮湿的环境下。
- 如果长期存放，请选择阴凉干爽及通风良好的地方。建议远离防虫丸或防虫丸发出气体的地方，以保护镜头的镀膜层。
- 镜片上的污垢或者指纹可用柔软微湿的镜头布或镜头纸清洁，切勿使用溶剂、苯或其他有机清洁剂。
- 本镜头并不防水，下雨或者接近水源使用时须特别小心，切勿弄湿。倘若内部机件、镜片及电子零件因弄湿受损，很可能无法维修。
- 温度突变可能会令镜头表面凝结雾气或水珠，因此在天气寒冷时进入暖和的室内环境，最好将镜头放在密封的塑胶袋内，直至镜头温度接近室温为止。将镜头从温暖的环境拿到寒冷的环境中时，也请使用同样的方法。

部件说明



安装与取下镜头

将镜头上的红色安装标志对准相机上的红色镜头安装标志，然后以顺时针方向旋转镜头，直到听到“咔”的一声为止。如果要卸下镜头，则保持按下相机上的镜头释放按钮，然后朝逆时针方向旋转直至停止转动为止。（详细安装及卸下镜头的步骤请参阅相机使用说明书）

- 卸下镜头后，请将镜头后端朝上放置，以避免划伤镜头表面和电子触点。
- 如果电子触点被弄脏或划伤，可能导致相机和镜头无法正常工作。
- 如果电子触点被弄脏或沾有指纹，请用柔软的布将其擦净。
- 取下镜头时，需要装上防尘盖。请正确安装防尘盖：将防尘盖上的圆形标记对准镜头上的红色安装标记，朝顺时针方向旋转。要取下镜头则朝逆时针方向旋转。

手动对焦（MF）

本产品为手动对焦镜头，请通过缓慢旋转对焦环进行对焦，直至被摄主体在相机取景器上清晰呈现。如果在手动对焦过程中半按快门，取景器中的合焦指示灯<●>将会点亮。

- 对焦过程中请不要过猛过快旋转对焦环，以免损坏对焦部件。

微距拍摄

本产品微距拍摄的最大放大倍率为1:1，被摄物体到焦平面的最近对焦距离约为23.4cm。微距拍摄过程中，可采用构图优先或放大倍率优先两种对焦方式。

构图优先：

- (1) 在取景器中观察画面，优先考虑构图。
- (2) 手动旋转对焦环进行对焦。

放大倍率优先：

- (1) 将对焦环转至所需的放大倍率。
- (2) 前后移动相机并观察取景器，直至画面清晰。

滤光镜（需另购）

可在镜头前端的螺纹上安装一个直径67mm的滤光镜。

- 每次只能安装一个滤光镜。

故障排除

- (1) **手动对焦时已经调至最清晰，但成像依然是模糊的。**
请检查镜头两端镜片是否存在指纹或污垢，如果存在请使用柔软微湿的镜头布或擦镜纸擦拭干净。
- (2) **镜头装相机上通信异常。**
请确保镜头安装到位；请检查镜头触点和相机触点是否被弄脏或划伤，如果被弄脏请用柔软的布将其擦净，如果被划伤请返厂维修。
- (3) **其他异常情况。**
请尝试关闭相机电源并取出相机电池，然后装回电池再重启电源试试。如果仍有异常，请致电永诺售后服务中心400-001-3888或发送邮件至 service@hkyongnuo.com 进行咨询。

产品规格

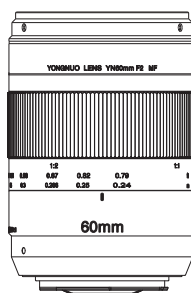
镜头焦距	60mm
镜头结构	9组10片
光圈叶片	7片
最小光圈	F/16
最近对焦距离	约0.234米
最大放大倍率	约1倍
滤镜直径	67mm
最大直径及长度	约Φ76×115毫米
重量	约586克

- 镜头长度是指从安装面到镜头前端的距离。
- 除特别说明外，尺寸和重量只适用于镜头。
- 光圈设置可以由相机指定。

本说明书最新电子版可在永诺官方网站www.hkyongnuo.com获取。
本使用说明书中的功能及数据均是依据本公司的测试条件获得。设计和规格如有变更，恕不另行通知。
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深圳市永诺摄影器材股份有限公司
地址：深圳市坪山区坑梓街道深福保现代光学厂区A座
电话：（086）0755-8376 2448
邮箱：service@hkyongnuo.com
网址：www.hkyongnuo.com
全国服务电话：400-001-3888

MACRO LENS YN60mm F2 MF



Thank you for purchasing YONGNUO product!

Before using the product, please read the instruction manual carefully to ensure that you use the product properly. Please keep the manual properly for future reference.

Features

- YN60mm F2 MF lens is a macro lens specially designed for DSLR cameras.
- The maximum magnification factor is up to 1:1.
- The closest focal distance is up to 0.234m.
- F2 large aperture helps to blur out the background and highlight the main subject.
- This lens can be used for ordinary photography or macro photography.
- When this lens is used with APS-C digital camera, the view angle is approximately equal to a 96mm lens, which is suitable for shooting a close-up portrait, etc.

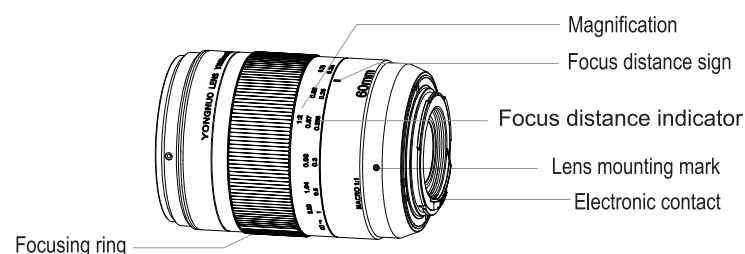
⚠ Precautions

- Do not stare at the sun or a bright light source through the lens or camera, otherwise it may result in impairment of sight.
- Whether the lens installed on the camera or not, do not place the lens which without lens cover in the sun. Otherwise the lens may gather light and result in a fire. When not in use, please cover the lens cover.

⚠ Maintenance and Saving Precautions

- Should avoid collisions or placed directly in extreme heat, cold or wet environment.
- For long-term storage, please select the cool, dry and ventilated place. In order to protect the film of lens, it is suggested that far from the insect-resistant pill or insect pill emit gases.
- Contaminant or fingerprint on the lens can be cleaned with slight damp soft cleaning cloth or lens paper, do not use solvents, benzene or other organic cleaner.
- The lens is not waterproof, rain or close to the water must be especially careful when using, do not get wet. If the internal parts, lens and electronic components was damaged due to wet, it may cause unlikely to repair.
- Temperature mutations could make the surface of the lens condense to fog or water droplets, so when the weather was cold into a warm indoor environment, it is suggested to place the lens into the sealed plastic bag, until the lens temperature close to room temperature. When the lens from the heat to the cold environment, also please use the same method.

Working Parts Introductions



Install and Discharge the Lens

Install the lens with the red mounting mark direct at the white lens mounting mark of the camera, then rotate the lens in clockwise direction until hearing the sound of "click". If you want to discharge the lens, rotate the lens in counterclockwise direction until it stop running. (For the detailed steps of lens installation and discharge please refer to the camera instruction manual)

- After discharging the lens, please place the lens back-end upwards to avoid scratch the lens surface and electronic contact.
- If the electronic contact is smeared, scratched, or stained with fingerprint, may cause corrosion or poor contact. The camera and lens might not work properly.
- Please use soft cloth to wipe it if the electronic contact is smeared or stained with fingerprint.
- When taking off the lens, please install the dust cover. Please install the dust cover properly: make the mounting mark on the dust cover direct at the red mounting mark of the lens, and rotate in clockwise direction. While rotate in counterclockwise direction to take down the dust cover.

Manual Focus (MF)

This lens is a manual focus lens. Slowly rotate the focusing ring to get focus until the shooting subject is clearly present in the camera viewfinder. If you half press the shutter during manual focusing, the focusing indicator <●> in the viewfinder will light up.

- During manual focusing, please do not rotate the focusing ring too hard or too fast, if not, the focus parts may be damaged.

Macro Photography

The maximum magnification factor of this macro lens is 1:1. The closest focal distance from the shooting subject and the focal plane is approximately equal to 23.4cm. During macro shooting, there are two focal modes for selections: composition-preferred or magnification-preferred.

Composition-preferred

- (1) Observe the image from the viewfinder and give priority to composition.
- (2) Manually rotate the focusing ring to get focus.

Magnification-preferred

- (1) Rotate the focusing ring to the magnification factor needed.
- (2) Move the camera back and forth and observe the viewfinder until the image gets clear.

Filter (optional accessories)

You can install a 67 mm filter via the lens front mounting screw thread.

- Only one filter can be installed each time.

Troubleshoot

1. In spite it has been adjusted to most clear by manual focus, the image is still vague.

Please check if the contaminant or fingerprint on the both sides of the lens, if exist please clean with slight damp soft lens cloth or lens paper.

2. Abnormal communication when the lens installed on the camera.

Please make sure the lens in proper installation; Please check if the contact on the lens and camera is dirty or scratched or not. Please use soft cloth to wipe it if it is dirty. Please return to factory for maintenance if with scratches.

3. Other abnormal phenomena.

Please try to turn off the camera and take out the battery, then install the battery to restart the power supply. If there are still abnormal, please contact YONGNUO after-sale service center 400-001-3888 or send email to service@hkyongnuo.com.

Specification

Lens focus length	60mm
Lens structure	9 groups 10 blades
Aperture blades	7 blades
Minimum aperture	F/16
Supermacro mode	about 0.234 meters
Maximum Magnification	about 1 times
Filter Diameter	Φ67mm
Maximum Diameter and length	about Φ76×115mm
Weight	about 586g

- The lens length refers to the distance from the mounting side to the lens front end.
- Unless special stated, the dimension and weight is only suitable for lens.
- The Aperture can be specified by the camera.

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Shenzhen YONGNUO Photographic Equipment Co., Ltd.
Address: Building A, Shenfubao modern optics factory, Kengzi Street, Pingshan District, Shenzhen, China
Phone: (86) 0755-8376 2448
Email: service@hkyongnuo.com
Website: www.hkyongnuo.com
Hotline: 400-001-3888