

## YONGNUO YN50MM F1.8 II

# YONGNUO YN50MM f1.8 II Lens for Canon EF Mount

Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the proper use and care of your YONGNUO YN50MM f1.8 II Lens. This standard prime lens is designed for Canon EF Mount DSLR cameras, offering a large f/1.8 aperture for excellent low-light performance and shallow depth of field. Please read this manual thoroughly before using the lens to ensure optimal performance and longevity.



Figure 1.1: YONGNUO YN50MM f1.8 II Lens with included accessories.

## 2. PRODUCT OVERVIEW AND KEY FEATURES

The YONGNUO YN50MM f1.8 II is a versatile prime lens featuring a robust design and advanced optical elements. Key features include:

- **F1.8 Large Aperture:** Provides excellent background blur (bokeh) and superior performance in low-light conditions.
- **50mm Fixed Focal Length:** Mimics the natural human eye's field of view, ideal for portraits, street photography, and general use.
- **0.35m Minimum Focus Distance:** Allows for close-up photography, capturing intricate details.
- **AF/MF Switch:** Easily switch between Autofocus and Manual Focus modes.
- **Durable Metal Bayonet:** Ensures a secure and long-lasting connection to your camera body.
- **USB-C Firmware Upgrade Interface:** Allows for future firmware updates to enhance lens performance.
- **Lightweight Design:** Weighing approximately 162g, it is highly portable for on-the-go photographers.
- **Optical Structure:** Features a 5-group, 6-element optical design for improved image quality.

# High Quality Standard Lenses

Photographic versatility



- Lightweight and compact approx.162g



- AF/MF Focus Mode



- F1.8 Large Aperture



- Excellent picture quality performance



- Golden 50mm focal length

Figure 2.1: Key features of the YN50MM f1.8 II lens, including its metal mount and USB-C port.

## 3. SETUP

### 3.1 Attaching the Lens

1. Ensure your camera is powered off before attaching or detaching the lens.
2. Remove the rear lens cap from the YN50MM f1.8 II lens and the body cap from your Canon EF Mount camera.
3. Align the red dot on the lens barrel with the red dot on your camera's lens mount.
4. Insert the lens into the camera mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. Remove the front lens cap. Your lens is now ready for use.

### 3.2 Detaching the Lens

1. Ensure your camera is powered off.
2. Press and hold the lens release button on your camera body.
3. Rotate the lens counter-clockwise until it detaches from the camera body.
4. Immediately attach the rear lens cap to the lens and the body cap to your camera to protect the sensors and optical elements from dust.

## 4. OPERATING THE LENS

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### 4.1 Autofocus (AF) and Manual Focus (MF)

The lens features an AF/MF switch on its barrel, allowing you to select your preferred focusing method.

- **AF (Autofocus):** Slide the switch to 'AF'. The camera will automatically focus on your subject when the shutter button is half-pressed.
- **MF (Manual Focus):** Slide the switch to 'MF'. Rotate the focus ring on the lens barrel to manually adjust the focus. The focus distance indicator on the lens can assist in precise manual focusing.

#### Important Note on Autofocus:

This lens uses an internal focus motor that produces an audible whirring sound during autofocus. This is normal for the lens design. It is generally **not recommended for video recording** as the noise may be captured by the camera's microphone. Focus speed is also not as fast as some premium lenses, making it primarily suited for still photography.



Figure 4.1: AF/MF switch for focus mode selection.

### 4.2 Aperture Control (F1.8)

The lens features a wide maximum aperture of f/1.8. This allows for:

- **Shallow Depth of Field:** Create images with a blurred background, making your subject stand out.
- **Low-Light Performance:** Capture clear images in dimly lit environments without needing to significantly increase ISO.

The aperture is controlled electronically through your camera body. Refer to your camera's instruction manual for details on adjusting aperture settings.





# F1.8 LARGE APERTURE

F1.8 large aperture presents a blurred background, highlighting the effect of the subject

Figure 4.2: F1.8 large aperture for blurred backgrounds.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your lens.

- **Cleaning the Lens:** Use a soft, lint-free microfiber cloth specifically designed for optics to clean the lens elements. For stubborn smudges, use a small amount of lens cleaning solution applied to the cloth, not directly to the lens. The front lens features a waterproof and anti-fouling coating for easier cleaning.
- **Dust Removal:** Use a blower brush to remove dust from the lens surface before wiping. Avoid using compressed air, which can damage coatings or internal components.
- **Storage:** When not in use, always attach both front and rear lens caps. Store the lens in a dry, cool place, away from direct sunlight and extreme temperatures. Consider using a dehumidifying cabinet if you live in a humid environment.
- **Avoid Impact:** Protect the lens from drops and impacts, which can cause internal misalignment or damage.

## 6. TROUBLESHOOTING

If you encounter issues with your YN50MM f1.8 II lens, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Autofocus is noisy.	Normal operation for the internal focus motor.	This is characteristic of the lens. If recording video, use manual focus or an external microphone to avoid capturing the sound.
Autofocus is slow or inaccurate.	Low light conditions, low contrast subject, camera settings, or lens not fully mounted.	Ensure sufficient light and contrast. Check camera AF settings. Re-mount the lens securely. If issues persist, switch to Manual Focus.

Problem	Possible Cause	Solution
Lens not recognized by camera.	Improper mounting, dirty electrical contacts, or outdated firmware.	Re-mount the lens. Clean the electrical contacts on both the lens and camera with a clean, dry cloth. Check for available firmware updates for both the lens and camera.
Images are blurry.	Incorrect focus, camera shake, or dirty lens elements.	Verify focus mode (AF/MF) and ensure the subject is in focus. Use a faster shutter speed or tripod to prevent camera shake. Clean the lens elements.

If the problem persists after attempting these solutions, please contact customer support.

## 7. SPECIFICATIONS

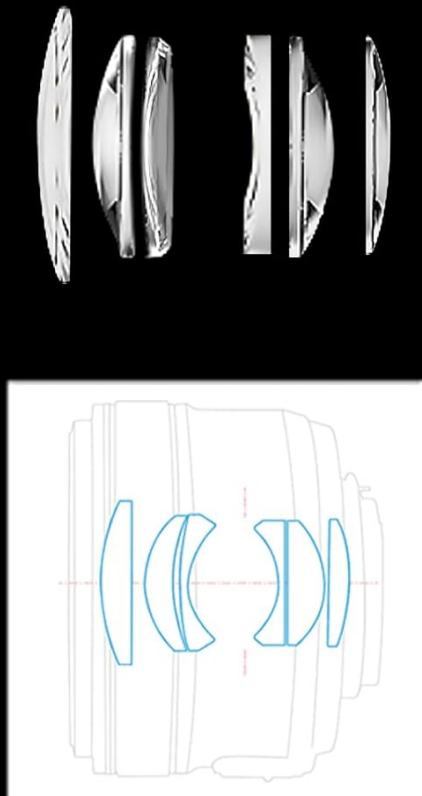
Feature	Detail
Model Number	YN50MM F1.8C II BLACK
Focal Length	50mm (Fixed)
Maximum Aperture	f/1.8
Minimum Focus Distance	0.35m
Lens Type	Standard Prime Lens
Compatible Mountings	Canon EF
Optical Structure	5 groups, 6 elements
Filter Diameter	58mm
Item Weight	8.9 ounces (approx. 252g)
Product Dimensions	3.5 x 2.8 x 2.8 inches
Firmware Upgrade	USB Type-C port

## 8. WHAT'S IN THE BOX

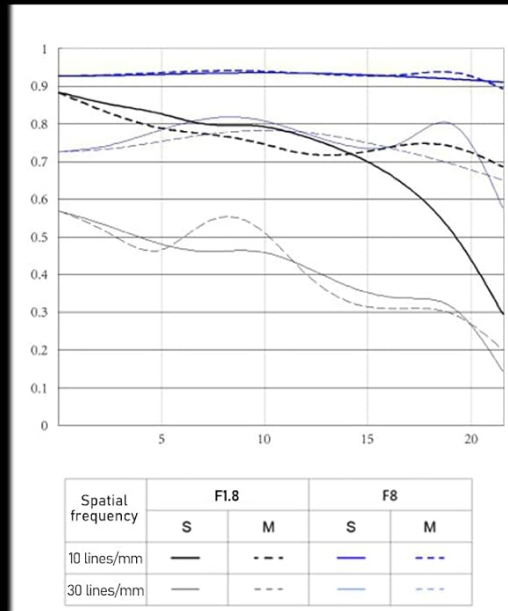
The YONGNUO YN50MM f1.8 II Lens package includes the following items:

- 1 x YN50mm F1.8 II Lens
- 1 x Lens Front Cover
- 1 x Lens Back Cover

## 5 Group, 6 Chip Optical Structure



**Lens structure**



### MTF curve chart

*Impressive sharpness and performance from center to edges ensuring stunning visual clarity at F 1.8, no matter the scene*

Figure 8.1: Included items in the product package.

## 9. LENS COMPATIBILITY

This lens is designed for Canon EF Mount DSLR cameras. It is compatible with a wide range of Canon DSLR models, including but not limited to:

- Canon EOS 1300D, 1200D, 1100D, 1000D
- Canon EOS 850D, 800D, 750D, 700D, 650D, 600D, 550D, 500D, 450D, 400D, 350D
- Canon EOS 7D Mark II, 7D, 6D, 5D Mark IV, 5D Mark III, 5D Mark II, 5D
- Canon EOS 60D, 50D, 40D, 30D, 20D, 10D
- Canon EOS 1D series, 1Ds series

For optimal performance, ensure your camera's firmware is up to date. While the lens is compatible with EF mount, performance may vary slightly across different camera models.

# COMPATIBLE WITH CANON EF-MOUNT DSLR CAMERAS



## AF 50mm 1.8 II EF

EOS,1D X MarkIII,1D C,1D X Mark II,  
1DX,1D Mark IV,1Ds Mark III,1D Mark III,  
1Ds Mark II,1D Mark II,1D,5D Mark IV,  
1Ds,5D Mark III,5D Mark II,5Ds R,5Ds,  
5D,6D Mark II,6D

Figure 9.1: The YN50MM f1.8 II lens is compatible with Canon EF-Mount DSLR cameras.

## 10. FIRMWARE UPGRADE

The YN50MM f1.8 II lens supports firmware upgrades via a USB Type-C port. This allows for performance improvements and compatibility enhancements.

### 10.1 USB-Free Firmware Upgrade (Camera Dependent)

Some camera models may support firmware upgrades directly through the camera body, eliminating the need for a separate USB connection to a computer. This method avoids potential incompatibility issues with different computer operating systems.

**Note: This function needs to be supported by your camera. Refer to your camera's manual for details on lens firmware updates.**



## Supports USB-free Firmware Upgrade

Firmware of the lens can be upgraded through camera instead of using USB port,which not only meets the requirements of firmware upgrade and appearance design,but also avoids the incompatibility problems caused by different computer operating systems

(Note: this function needs to be supported by camera)

Figure 10.1: Firmware upgrade via camera (if supported).

### 10.2 Standard USB Firmware Upgrade



For cameras that do not support USB-free upgrades, or for direct lens updates:


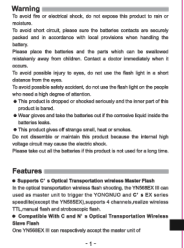
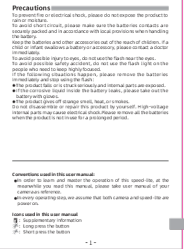
1. Visit the official YONGNUO website to download the latest firmware for your YN50MM f1.8 II lens.
2. Connect the lens to your computer using a USB Type-C cable.
3. Follow the instructions provided with the firmware download to complete the update process.

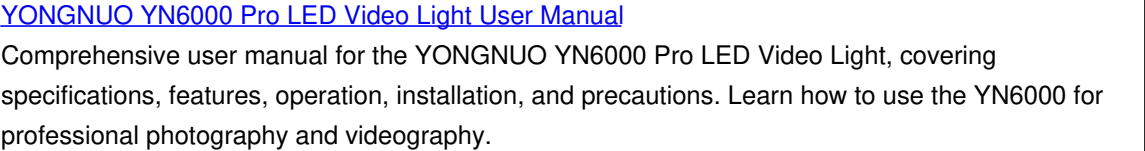
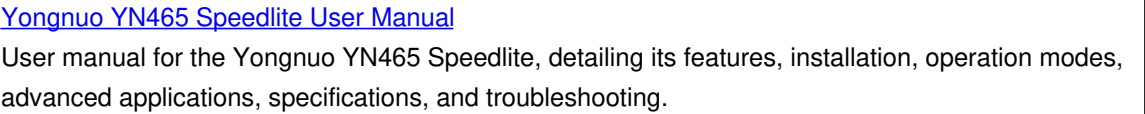
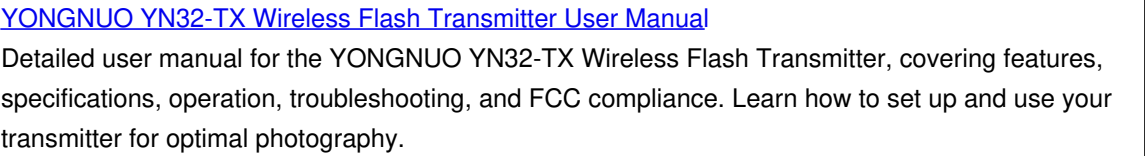
## 11. WARRANTY AND SUPPORT

Warranty information for the YONGNUO YN50MM f1.8 II Lens is typically provided with the product packaging or can be found on the official YONGNUO website. Please retain your proof of purchase for warranty claims.

For technical support, service, or further inquiries, please refer to the contact information provided in your product's warranty card or visit the official YONGNUO support page online.

### Related Documents - YN50MM F1.8 II

	<p><a href="#">YONGNUO YN50MM F1.8 II Lens User Manual</a></p> <p>User manual for the YONGNUO YN50MM F1.8 II Lens, detailing its features, operation, specifications, and control methods including DMX and app connectivity.</p>
	<p><a href="#">YONGNUO YN568EX III Speedlite User Manual</a></p> <p>Comprehensive user manual for the YONGNUO YN568EX III Speedlite, covering features, operation, advanced applications, and troubleshooting for Canon and Nikon cameras.</p>
	<p><a href="#">YONGNUO YN685EX-RF Speedlite User Manual</a></p> <p>Comprehensive user manual for the YONGNUO YN685EX-RF Speedlite, detailing its features, operation, advanced applications, wireless shooting capabilities, custom settings, troubleshooting, and technical specifications.</p>

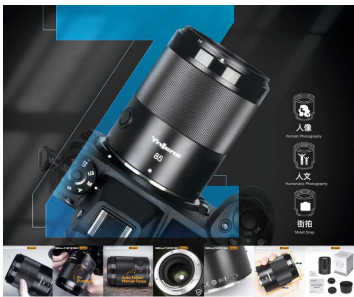


## Documents - YONGNUO – YN50MM F1.8 II



[pdf](#)] Instructions  
Инструкция по эксплуатации Yongnuo YN 50mm f 1.8 II Canon EF Standart Prime Скачать инструкцию Объектив — купить цена в Москве интернет магазине «Mobila Shop» 16328732949782i3mpmdirqupyjvp ljylxjbw0rqidtv ey mobila shop upload instructions i3 mp |||  
YN50mm F1.8 II YONGNUO . . , . . , . . , . . , . . , . . , . . , . . , . . , . . , ...  
lang:en score:44 filesize: 1.65 M page\_count: 1 document date: 2018-06-23







### YN85mm F1.8Z DF DSM

Z卡口 自动对焦镜头

27mm (46mm Flange-Fly)

- 最大光圈: F1.8
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约450g (不含遮光罩)

- Maximum Aperture: F1.8
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 450g



### YN35mm F2S DF DSM

S卡口 自动对焦镜头

27mm (46mm Flange-Fly)

- 最大光圈: F2
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约250g (不含遮光罩)

- Maximum Aperture: F2
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 250g



### YN50mm F1.8S DF DSM

S卡口 自动对焦镜头

27mm (46mm Flange-Fly)

- 最大光圈: F1.8
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约250g (不含遮光罩)

- Maximum Aperture: F1.8
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 250g



### YN85mm F1.8S DF DSM

S卡口 自动对焦镜头

27mm (46mm Flange-Fly)

- 最大光圈: F1.8
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约450g (不含遮光罩)

- Maximum Aperture: F1.8
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 450g



### YN50mm F1.8S DA DSM

S卡口 自动对焦镜头

27mm (46mm Flange-Fly)

- 最大光圈: F1.8
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约250g (不含遮光罩)

- Maximum Aperture: F1.8
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 250g

# EF Mount

## YN14mm F2.8 C/N

EF Mount Ultra Wide Angle Prime Lens

佳能EF卡口 广角镜头

这款镜头在佳能EF卡口中，是焦距最短、光圈最大、体积最小的镜头。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。

14mm (46mm Flange-Fly)

- 最大光圈: F2.8
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约250g (不含遮光罩)

- Maximum Aperture: F2.8
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 250g

## YN35mm F1.4 / YN35mm F1.4C DF UWM

EF Mount Ultra Wide Angle Prime Lens

佳能EF卡口 广角镜头

这款镜头在佳能EF卡口中，是焦距最短、光圈最大、体积最小的镜头。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。

35mm (46mm Flange-Fly)

- 最大光圈: F1.4
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约450g (不含遮光罩)

- Maximum Aperture: F1.4
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 450g



### YN35mm F1.4C DF UWM

佳能EF卡口 广角镜头

这款镜头在佳能EF卡口中，是焦距最短、光圈最大、体积最小的镜头。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。

35mm (46mm Flange-Fly)

- 最大光圈: F1.4
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约450g (不含遮光罩)

- Maximum Aperture: F1.4
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 450g



### YN35mm F2 C/N

佳能EF卡口 广角镜头

这款镜头在佳能EF卡口中，是焦距最短、光圈最大、体积最小的镜头。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。

35mm (46mm Flange-Fly)

- 最大光圈: F2
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约250g (不含遮光罩)

- Maximum Aperture: F2
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 250g



### YN50mm F1.4 C/N

佳能EF卡口 广角镜头

这款镜头在佳能EF卡口中，是焦距最短、光圈最大、体积最小的镜头。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。镜头采用全金属机身，坚固耐用。

50mm (46mm Flange-Fly)

- 最大光圈: F1.4
- 最近对焦: 约0.12m
- 光圈叶片: 11片
- 最近对焦距离: 约0.12m
- 最近对焦距离: 约0.12m
- 重量: 约250g (不含遮光罩)

- Maximum Aperture: F1.4
- Closest Distance: 0.12m
- Aperture Blades: 11
- Minimum Focusing Distance: about 0.12m
- Minimum Focusing Distance: about 0.12m
- Weight: about 250g



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