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YNLENS YN11mm F1.8S DA DSM

YN11mm F1.8S DA DSM Ultra Wide Angle Large Aperture Lens

User Instruction Manual for Sony E Mount APS-C Frame Mirrorless Cameras

1. INTRODUCTION

This manual provides comprehensive instructions for the proper use, setup, and maintenance of your YNLENS YN11mm F1.8S DA DSM Ultra Wide Angle Large Aperture Lens. Designed for Sony E Mount APS-C frame mirrorless cameras, this lens offers a dynamic perspective with its ultra-wide 11mm focal length and a large F1.8 aperture, making it suitable for various photographic and videographic applications.

Please read this manual thoroughly before using the lens to ensure optimal performance and longevity.



Figure 1: YN11mm F1.8S DA DSM Lens

2. WHAT'S IN THE BOX

Verify that all items are present in the packaging:

- YN11mm F1.8S DA DSM lens
- Lens cap
- User manual

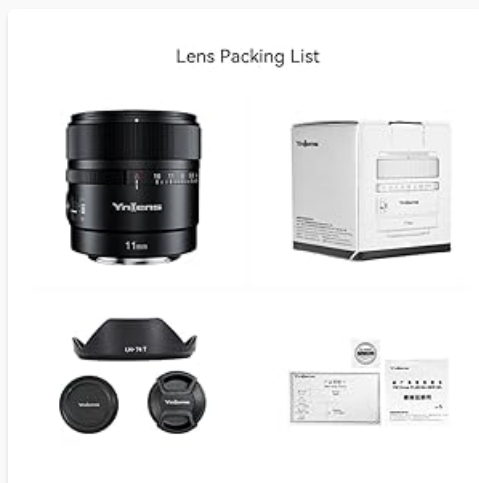


Figure 2: Contents of the Lens Packaging

3. SETUP

3.1 Attaching the Lens

1. Ensure your camera is powered off.
2. Align the white dot on the lens barrel with the white dot on your camera's lens mount.
3. Gently insert the lens into the camera mount.
4. Rotate the lens clockwise until it clicks into place, indicating it is securely locked.
5. Remove the front lens cap.

3.2 Firmware Update

The lens features a USB Type-C interface for firmware updates. To ensure optimal performance and access to the latest features, regularly check the official YNLENS website for new firmware versions. Download and follow the provided instructions for updating the lens firmware.

4. OPERATING THE LENS

4.1 Autofocus (AF) System

The YN11mm F1.8S DA DSM lens utilizes Digital Stepping Motors (DSM) for fast, precise, and quiet autofocus. This system is highly reliable for both still photography and video recording. The lens provides excellent video autofocus performance with good respiratory effect control, minimizing focus breathing during video capture.

4.2 Aperture Control

The lens features a large F1.8 aperture, allowing for excellent low-light performance and beautiful background blur (bokeh). You can adjust the aperture using the dedicated aperture ring on the lens. The aperture ring offers both click-stop adjustment for precise control and a click-less (OFF) mode for silent operation during video recording.



Figure 3: Aperture Ring with Click-Stop and Click-Less Options

4.3 Optical Performance

This ultra-wide-angle lens delivers outstanding image quality with excellent center-to-edge resolution. It incorporates specialized optical elements, including aspherical lenses and low-dispersion glass lenses, to effectively suppress various aberrations and control flare and ghosting, even when shooting against bright light sources. This ensures clear and sharp images, particularly beneficial for astrophotography where point light sources remain distinct without flare.

YN11mm F1.8S DA DSM WL

Wide-angle Large Aperture Lens for Sony

E Mount / APS-C Frame
DSM Drive System
7 Aperture Blades
58mm filter diameter
10 elements in 9 groups



Figure 4: Modern Optical Structure Design



Figure 5: Key Optical Features including F1.8 Large Aperture and 10 Optical Glass Lenses

4.4 Minimum Focusing Distance

The lens boasts a minimum focusing distance of 0.15m (approximately 0.49ft), allowing for close-up shots with a natural defocus performance, creating pleasing bokeh effects.

4.5 Wireless Remote Control

The YN11mm F1.8S DA DSM lens supports wireless remote control via Bluetooth. This feature allows for convenient focus and aperture adjustments, including A-B focus switching and adjustable zoom speed, enhancing your creative control, especially in video production or when the camera is mounted on a gimbal or drone.

Your browser does not support the video tag.

Video 1: YN11mm F1.8S DA DSM Lens Features Overview

This video demonstrates the lens's autofocus capabilities, large aperture, compact design, and wireless remote control features.

5. MAINTENANCE

5.1 Cleaning the Lens

To clean the lens surface, use a soft, lint-free microfiber cloth specifically designed for optical surfaces. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth (not directly to the lens). Avoid using abrasive materials or harsh chemicals.

5.2 Storage

When not in use, store the lens with both front and rear caps attached in a dry, cool place away from direct sunlight and extreme temperatures. Consider using a desiccant packet in your camera bag or storage area to prevent mold and mildew, especially in humid environments.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lens not recognized by camera	Improper attachment; dirty contacts	Re-attach lens securely; clean lens and camera contacts with a dry, clean cloth.
Autofocus not working	AF/MF switch setting; low light; subject too close/far	Ensure lens is set to AF; use manual focus in very low light; check minimum focusing distance.
Images are blurry	Incorrect focus; camera shake; dirty lens element	Verify focus; use faster shutter speed or tripod; clean lens.
Wireless remote not connecting	Battery low; pairing issue	Replace remote battery; re-pair the remote with the lens according to instructions.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	4.33 x 3.54 x 3.54 inches
Item Weight	13.8 ounces
Item Model Number	YN11mm F1.8S DA DSM
Focal Length Description	Wide Angle 11mm
Lens Type	Wide Angle
Compatible Mountings	Sony E
Manufacturer	YONGNUO
Brand	YNLENS

8. WARRANTY & SUPPORT

8.1 Warranty Information

This YNLENS product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty service, please contact YNLENS customer support through their official website or the retailer from whom you purchased the product. Provide your product model number and purchase details for efficient service.

