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Nikon 20070

Nikon NIKKOR Z 14-30mm f/4 S Instruction Manual

Premium constant aperture wide-angle zoom lens for Z series mirrorless cameras

Model: 20070

INTRODUCTION

The Nikon NIKKOR Z 14-30mm f/4 S is a compact and portable ultra-wide zoom lens designed for Nikon Z series mirrorless cameras. It features a fixed f/4 aperture and delivers high-quality NIKKOR imagery with sharpness across the entire frame. This lens is suitable for various applications including travel, adventure, events, and wide-angle video recording. It incorporates advanced aberration correction, smooth and quiet autofocus, and represents the first filter-attachable full-frame ultra-wide NIKKOR lens.



Figure 1: Front view of the NIKKOR Z 14-30mm f/4 S lens.

Key Features:

- **NIKKOR Z 14-30mm f/4 S** is ideal for adding depth and drama to stills and video, serving as an excellent partner for compact Z series cameras.
- Features a compact **14-30mm zoom range** with a fixed f/4 aperture and outstanding image quality.
- Equipped with a **retractable lens mechanism** that collapses the lens to a mere 3.5 inches for safe and minimal packing.
- Nikon's **Stepping Motor (STM)** provides smooth, fast, and quiet autofocus.
- Z lenses are perfectly matched to Z camera bodies, designed for next-dimension optical performance and freedom in image creation.

WHAT'S IN THE BOX

Upon unboxing, ensure all the following components are present:

- NIKKOR Z 14-30mm f/4 S Lens
- LC-82B 82mm Snap-On Front Lens Cap
- LF-N1 Rear Lens Cap
- HB-86 Bayonet Hood
- CL-C1 Lens Case

SETUP

Attaching the Lens

1. Ensure both the camera and lens are powered off.
2. Remove the body cap from the camera and the rear lens cap from the lens.
3. Align the mounting mark on the lens with the mounting mark on the camera body.
4. Rotate the lens counter-clockwise until it clicks into place. Do not force the lens.



Figure 2: NIKKOR Z 14-30mm f/4 S lens attached to a Nikon Z camera.

Detaching the Lens

1. Ensure the camera is powered off.
2. While pressing the lens release button on the camera body, rotate the lens clockwise until it detaches.
3. Replace the body cap on the camera and the rear lens cap on the lens to protect them from dust.

Retracting and Extending the Lens

The NIKKOR Z 14-30mm f/4 S features a retractable mechanism for compact storage. To use the lens, it must be extended. To store it, it must be retracted.

- **To Extend:** Rotate the zoom ring past the 14mm mark until the lens extends and locks into the shooting position.
- **To Retract:** Rotate the zoom ring past the 14mm mark in the opposite direction until the lens retracts and locks into the storage position.



Figure 3: Lens extended for use.



Figure 4: Lens retracted for storage.

OPERATING THE LENS

Focus Mode Switch (A/M)

The lens features an A/M switch to select between autofocus and manual focus modes.

- **A (Autofocus):** The camera will automatically focus on the subject. The Stepping Motor (STM) ensures smooth and quiet operation.
- **M (Manual Focus):** Focus is adjusted manually by rotating the focus ring on the lens.

Zooming

To change the focal length, rotate the zoom ring on the lens. The lens covers a range from 14mm (ultra-wide) to 30mm (wide-angle).

Aperture Control

The lens has a fixed maximum aperture of f/4 across its entire zoom range. Aperture is controlled via the camera body settings.

Attaching Filters

The NIKKOR Z 14-30mm f/4 S is designed to accept standard 82mm screw-on filters. Carefully thread the filter onto the front of the lens until secure.



Figure 5: Angled view of the lens, highlighting the front element and filter thread.

MAINTENANCE

Cleaning the Lens

- Use a blower brush to remove dust and loose particles from the lens surfaces.
- For smudges or fingerprints, use a clean, soft lens cloth specifically designed for optical surfaces. Apply a small amount of lens cleaning solution to the cloth, not directly to the lens.
- Never use abrasive materials, solvents, or harsh chemicals to clean the lens.

Storage

- When not in use, always attach the front and rear lens caps.
- Store the lens in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, it is recommended to retract the lens using its retractable mechanism.
- If storing for extended periods, consider using a desiccant to prevent mold and mildew.

TROUBLESHOOTING

This section addresses common issues you might encounter with your NIKKOR Z 14-30mm f/4 S lens.

Problem	Possible Cause	Solution
Lens not extending/retracting	Zoom ring not rotated fully to the lock position.	Ensure the zoom ring is rotated firmly until it clicks into the extended or retracted position.
Autofocus not working	Lens set to Manual Focus (M); insufficient light; dirty lens contacts.	Set the A/M switch to 'A'. Ensure adequate lighting. Clean the lens and camera contacts with a clean, dry cloth.
Images appear blurry or out of focus	Incorrect focus mode; camera shake; dirty lens element.	Verify focus mode (A/M). Use a faster shutter speed or tripod. Clean the front and rear lens elements.
Dust or spots visible in images	Dust on lens elements or camera sensor.	Clean lens elements. If spots persist, clean the camera sensor (refer to your camera's manual or consult a professional).

SPECIFICATIONS

Feature	Detail
Product Dimensions	3.35 x 3.5 x 3.5 inches
Item Weight	1.07 pounds
ASIN	B07MS6299X
Item Model Number	20070
Brand	Nikon
Focal Length Description	Ultra-Wide Angle Zoom Lens (14-30mm)
Lens Type	Wide Angle
Compatible Mountings	Nikon Z
Manufacturer	Nikon
Date First Available	January 8, 2019

WARRANTY AND SUPPORT

This product is a Nikon USA Model. For warranty information and support, please refer to the documentation included with your purchase or visit the official Nikon support website.

You can also visit the [Nikon Store on Amazon](#) for additional product information and resources.

For technical assistance or service, please contact Nikon customer support directly.

ADDITIONAL INFORMATION



Figure 6: Sample image demonstrating the wide-angle capability of the NIKKOR Z 14-30mm f/4 S lens.

The NIKKOR Z 14-30mm f/4 S lens is designed to deliver exceptional image quality, particularly in wide-angle scenarios. Its compact design makes it an ideal companion for travel and outdoor photography.

Note on Videos: No official product videos from the seller were available in the provided product data for embedding in this manual.

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