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Nikon 4185

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Model: 4185

PRODUCT OVERVIEW

The Nikon Mount Adapter FTZ is engineered to allow the use of a wide range of NIKKOR F-mount lenses on Nikon Z series mirrorless cameras. This adapter serves as a crucial bridge, enabling photographers to leverage their existing F-mount lens collection while benefiting from the advanced features of the Z system, such as in-camera Vibration Reduction (VR), fast and silent shooting, focus peaking, and smooth hybrid autofocus (AF).



Image: Front view of the Nikon FTZ Mount Adapter, showcasing its robust build and the Z-mount interface.

Key Features

- Precisely engineered adapter for using F-mount NIKKOR lenses on Z Mirrorless cameras.
- Compatible with over 360 F-mount NIKKOR lenses and teleconverters.
- Connected lenses retain full sharpness and image quality, gaining benefits of in-camera VR, Hybrid AF, silent shooting, and focus peaking.
- Crafted from magnesium alloy and weather-sealed to preserve durability of camera and lenses.

SETUP GUIDE

Attaching the FTZ Mount Adapter

To attach the FTZ Mount Adapter to your Nikon Z series camera, align the white mounting mark on the adapter with the white mounting mark on the camera body. Rotate the adapter counter-clockwise until it clicks into place. Ensure it is securely locked before proceeding.



Image: Rear view of the Nikon FTZ Mount Adapter, showing the F-mount interface for attaching lenses.

Attaching an F-Mount Lens

Once the FTZ Mount Adapter is securely attached to your camera, align the mounting mark on your F-mount NIKKOR lens with the mounting mark on the FTZ adapter. Rotate the lens clockwise until it clicks into place. Always ensure both the adapter and the lens are firmly attached to prevent accidental detachment and potential damage.

OPERATING INSTRUCTIONS

Autofocus and Exposure

The FTZ Mount Adapter supports full autofocus (AF) and auto-exposure (AE) functionality with compatible F-mount NIKKOR lenses. Full AF/AE is supported when using FX or DX AF-S type G/D/E, AF-P type G/E, AF-I type D, and AF-S/AF-I Teleconverter lenses. Performance may vary depending on the specific lens model and camera settings.

In-Camera Vibration Reduction (VR)

One of the key benefits of using the FTZ adapter with Nikon Z series cameras is the ability to utilize the camera's in-camera Vibration Reduction (VR) system. This provides enhanced image stabilization, even with F-mount lenses that do not have built-in VR, helping to reduce blur caused by camera shake.

Silent Shooting and Focus Peaking

The Z system's silent shooting mode can be used with adapted F-mount lenses, allowing for discreet photography in sensitive environments. Focus peaking, a visual aid for manual focusing, is also available, providing clear indications of in-focus areas on the camera's display.

Understanding the Z Mount System

Video: An in-depth explanation of the Nikon Z Mount System's structure and design, providing context for the FTZ adapter's capabilities.

CARE AND MAINTENANCE

Cleaning

To maintain optimal performance, keep the mount adapter clean. Use a soft, lint-free cloth to wipe dust or smudges from the exterior. For the electronic contacts, use a clean, dry cotton swab. Avoid touching the glass elements of any attached lens directly with your fingers.

Storage

When not in use, store the FTZ Mount Adapter with its front and rear caps attached to protect the contacts and internal components from dust and moisture. Store in a cool, dry place away from direct sunlight and extreme temperatures.

Weather Sealing

The FTZ Mount Adapter is crafted from magnesium alloy and features weather-sealing to protect against dust and moisture. While it offers enhanced durability, it is not fully waterproof. Avoid exposing the adapter to heavy rain or submersion in water.

TROUBLESHOOTING COMMON ISSUES

- **Lens not recognized:** Ensure the adapter and lens are securely attached and the camera firmware is up to date.
- **Autofocus issues:** Verify lens compatibility with the FTZ adapter. Some older F-mount lenses may not support full AF. Clean the electronic contacts on both the adapter and the lens.
- **Image quality concerns:** Ensure the lens is clean and free from dust or smudges. Check camera settings and lighting conditions.
- **Adapter feels loose:** Re-attach the adapter, ensuring it clicks firmly into place. If the issue persists, inspect the mounting points for any damage.

TECHNICAL SPECIFICATIONS

Specification	Detail
Product Dimensions	3.15 x 2.76 x 2.76 inches
Item Weight	4.8 ounces
Model Number	4185
Special Features	Compatibility with a wide range of Nikkor F-mount lenses
Color	Black
Manufacturer	Nikon
First Available Date	August 23, 2018
Compatible Devices	Cameras
Mounting Type	Lens Mount Adapter

WARRANTY AND SUPPORT

Warranty Information

The Nikon Mount Adapter FTZ typically comes with a limited manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official Nikon website for detailed terms and conditions regarding warranty coverage and duration.

Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact Nikon customer support. You can find contact information, including phone numbers and online support resources, on the official Nikon website or through your local authorized Nikon dealer.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question