

[Manuals.plus](#) /

› [SMALLRIG](#) /

› SMALLRIG Camera Cage Instruction Manual for Nikon Z5, Z6, Z7 (Model 2243)

SMALLRIG 2243

SMALLRIG Camera Cage Instruction Manual

Model: 2243 for Nikon Z5, Z6, Z7 Cameras

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your SMALLRIG Camera Cage, Model 2243. This form-fitting cage is specifically designed to provide comprehensive protection and versatile mounting options for Nikon Z5, Z6, and Z7 mirrorless cameras. It ensures full access to all camera buttons, ports, and the battery compartment, while also featuring a sensor centering line for precise tripod alignment.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x SMALLRIG Camera Cage (Model 2243)



Figure 2.1: Package contents and product dimensions.

3. MAIN FEATURES

The SMALLRIG Camera Cage 2243 offers a variety of features for enhanced camera functionality and accessory attachment:

- **Form-fitting Design:** Custom-designed for Nikon Z5, Z6, and Z7 cameras, ensuring full access to controls.
- **Integrated NATO Rail:** Located on the left side for quick attachment and detachment of NATO clamp accessories.
- **Built-in Cold Shoe:** Positioned on the top for mounting microphones, LED lights, or other cold shoe compatible accessories.
- **Multiple Threaded Holes:** Features 1/4"-20, 3/8"-16, and M4 threaded holes for attaching a wide range of accessories, including ARRI-style anti-twist mounts.
- **Strap Holes:** Integrated points for connecting hand straps and neck straps.
- **Two-Point Locking System:** Secures the camera via a 1/4"-20 screw at the bottom and an M2.5 screw on the left side to prevent twisting.
- **Rubber Cushion:** Located on the bottom to increase friction and protect the camera from scratches.
- **Built-in Flat Head Screwdriver:** A convenient tool stored at the bottom of the cage for quick adjustments and installation.



Cage for Nikon Z6/Z7 Camera

2243B



1/4"
Thread Holes



3/8"
Thread holes



NATO
Rail



Flat Head
Screwdriver



Strap
Holes



Cold
Shoe



Figure 3.1: Overview of the camera cage's main features.



Compatibility

Specially designed for Nikon Z6/Z7 cameras will not interfere with the functions of the camera, such as the buttons and battery

Figure 3.2: Location of the built-in flat head screwdriver.

4. SETUP AND INSTALLATION

Follow these steps to properly install your Nikon Z5, Z6, or Z7 camera into the SMALLRIG Camera Cage 2243:

1. **Prepare the Camera:** Before installation, remove the strap rings from both the left and right sides of your camera. This is crucial for a secure and flush fit, preventing twisting within the cage.
2. **Align the Camera:** Carefully place your Nikon Z camera into the cage, ensuring the camera's base aligns with the 1/4"-20 screw hole at the bottom of the cage.

3. **Secure Bottom Screw:** Use the integrated flat head screwdriver to tighten the 1/4"-20 screw located at the bottom of the cage into your camera's tripod socket. Ensure it is snug but do not overtighten. The rubber cushion on the bottom of the cage will help increase friction and prevent movement.
4. **Secure Side Screw:** Locate the M2.5 threaded hole on the left side of the cage. Align it with the corresponding M2.5 threaded hole on your camera. Insert and tighten the M2.5 screw to further secure the camera and prevent any rotation.
5. **Final Check:** Verify that the camera is firmly seated within the cage and that both screws are securely tightened.



Figure 4.1: Installation method for securing the camera within the cage.

5. COMPATIBILITY

The SMALLRIG Camera Cage 2243 is specifically designed for the following camera models:

- Nikon Z5
- Nikon Z6
- Nikon Z7

This cage is engineered to not interfere with the camera's functions, including access to buttons, dials, and the battery compartment. The design ensures that the camera's original ergonomics are maintained as much as possible while providing robust protection and accessory mounting points.

Install Ways

Locks via 1/4"-20 & M2.5 Screw to Prevent Twisting.



M2.5 Screws



1/4" Screws



Figure 5.1: Compatibility and access to camera functions.

6. OPERATING (USAGE)

The camera cage provides numerous points for attaching external accessories to enhance your shooting setup:

- **NATO Rail:** Utilize the integrated NATO rail on the left side for quick-release accessories such as handles (e.g., SMALLRIG Handle 2187), magic arms (e.g., SMALLRIG Magic Arm 2071), or EVF mounts (e.g., SMALLRIG EVF Mount 2113).
- **Cold Shoe Mount:** Attach a microphone, LED light, or other cold shoe compatible accessories to the cold shoe mount on the top of the cage. Examples include the SMALLRIG Microphone Shock Mount 1859.
- **Threaded Holes (1/4"-20, 3/8"-16, M4):** These numerous threaded holes allow for the attachment of a wide array of accessories. Use 1/4"-20 and 3/8"-16 holes for monitors (e.g., with SMALLRIG Magic Arm 1498 or Ball Head Mount 761), cable clamps (e.g., SMALLRIG Cable Clamp 1679 to protect HDMI ports), or baseplates (e.g., SMALLRIG Baseplate 2092 for 15mm LWS systems). M4 holes can be used for specific SMALLRIG accessories.
- **Strap Attachment Points:** The cage includes dedicated holes on the corners for attaching hand straps or neck straps, providing secure carrying options.

7. MAINTENANCE

To ensure the longevity and optimal performance of your SMALLRIG Camera Cage, follow these maintenance guidelines:

- **Cleaning:** Wipe the cage with a soft, dry cloth to remove dust and fingerprints. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid abrasive cleaners or solvents.
- **Screw Check:** Periodically inspect all screws, especially the camera mounting screws, to ensure they remain tight. Re-tighten if necessary using the built-in screwdriver.

- **Storage:** Store the cage in a dry, clean environment when not in use. Avoid extreme temperatures or high humidity.
- **Inspection:** Regularly check the cage for any signs of damage, such as bends or cracks, which could compromise its protective capabilities.

8. TROUBLESHOOTING

If you encounter any issues with your camera cage, consider the following common solutions:

- **Cage Does Not Fit Properly:** Ensure that both the left and right strap rings on your camera have been removed prior to installation. Improper fit is often due to these rings obstructing the cage's seating.
- **Memory Card Access is Tight:** Due to the form-fitting design, accessing the memory card slot may feel tight for some users. Carefully remove and insert memory cards. This is a characteristic of the design to maintain a compact profile.
- **Tilt Screen Deployment Difficulty:** The lower edge of the cage may slightly impede the deployment of the camera's tilt screen. A small adhesive pull tab can be attached to the bottom edge of the screen to assist in pulling it out.
- **Accessories Not Attaching Securely:** Verify that you are using the correct screw size (1/4"-20, 3/8"-16, or M4) for the respective threaded holes. For NATO rail accessories, ensure the clamp is properly engaged and tightened.

9. SPECIFICATIONS

Feature	Specification
Model Number	2243B
Compatibility	Nikon Z5, Nikon Z6, Nikon Z7
Material	Aluminum Alloy, Stainless Steel
Product Dimensions	149.5 x 111 x 65 mm
Net Weight	212g ± 5g (approximately 0.23 Kilograms)
Mounting Points	1/4"-20, 3/8"-16, M4 Threaded Holes, NATO Rail, Cold Shoe
UPC	645249533393

10. WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical assistance, please refer to the official SMALLRIG website or contact SMALLRIG customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Website: www.smallrig.com

