

## SMALLRIG 2049

# SMALLRIG GH5/GH5S Camera Cage (Model 2049) Instruction Manual

Model: 2049 | Brand: SMALLRIG

## 1. INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of your SMALLRIG GH5/GH5S Camera Cage (Model 2049). This cage is designed to enhance the functionality and protection of your Panasonic Lumix GH5, GH5S, and GH5 II cameras, offering multiple mounting points for accessories.

## 2. KEY FEATURES

- **Enhanced Compatibility:** This updated version (CCP2646) is specifically designed for Panasonic Lumix GH5 II, GH5, and GH5S cameras, addressing previous wobble issues.
- **Anti-Twist Mechanism:** The cage secures to the camera using a 1/4"-20 screw at the bottom and features two M2.5 threads on each side to prevent twisting, ensuring a stable setup.
- **Unobstructed Access:** The design allows full access to the SD card slot, battery compartment, and all camera controls. The top left frame is modified to accommodate a TC In/Out BNC conversion cable.
- **Versatile Mounting Points:** An integrated cold shoe on the top allows for attaching microphones or other cold shoe compatible accessories. NATO rails on both sides provide additional mounting options for NATO compatible accessories.
- **Integrated Tool:** A flat head screwdriver is conveniently stored on the bottom of the cage for securing the camera screw.

# Key Features



Figure 2.1: Key features of the SMALLRIG GH5/GH5S Camera Cage.

## 3. COMPATIBILITY

The SMALLRIG GH5/GH5S Camera Cage (Model 2049 / CCP2646) is compatible with the following camera models:

- Panasonic Lumix GH5
- Panasonic Lumix GH5S
- Panasonic Lumix GH5 II

**Important Note:** This cage is not compatible with the Panasonic Lumix GH5M2.

# Compatibility

SmallRig Cage for Panasonic GH5 and GH5S CCP2646 is a formfitting full cage designed to provide protection and accessory mounts for GH5/GH5S



Figure 3.1: Compatibility of the SMALLRIG GH5/GH5S Camera Cage with a Panasonic Lumix GH5.

## 4. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Camera Cage (Model 2049 / CCP2646)
- 2 x M2.5 Screws
- 1 x Allen Wrench

## Package Includes

- 1 x Cage
- 2 x M2.5 Screw
- 1 x Allen Wrench



## Product Parameters

Brand SmallRig	Product Dimensions 111.50 x 152 x 65.80mm	Material(s) Aluminum Alloy
ID CCP2646	Compatibility Panasonic GH5 and GH5S Camera	Net Weight 190g

Figure 4.1: Contents of the SMALLRIG GH5/GH5S Camera Cage package.

## 5. SETUP AND INSTALLATION

Follow these steps to properly install the camera cage:

- Prepare Camera:** Before installation, remove the triangle split ring on each side of your camera.
- Attach Cage to Camera Base:** Secure the camera to the cage via the 1/4"-20 screw located on the bottom of the cage. Use the integrated flat head screwdriver (stored on the bottom of the cage) to tighten this screw.
- Secure Side Screws:** Insert and tighten the two M2.5 screws into the threads on each side of the cage, aligning them with the camera's strap holes. This provides additional anti-twist security.

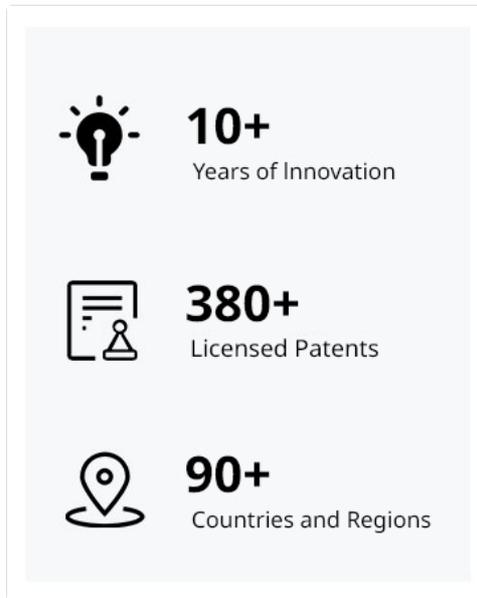


Figure 5.1: Removing the camera's triangle split ring.

# Install Way

The cage secures to the camera via a 1/4"-20 screw and each side features a m2.5 thread for further secure to prevent twisting.



Figure 5.2: Triple locking mechanism for stable installation.



Figure 5.3: Ensuring button access after installation.



Figure 5.4: Articulating screen functionality with cage.

## 6. OPERATING INSTRUCTIONS

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The camera cage provides various attachment points for expanding your camera rig:

- **Cold Shoe Mount:** Use the integrated cold shoe on the top of the cage to attach external microphones, LED lights, or other cold shoe compatible accessories.
- **NATO Rails:** The NATO rails on both sides of the cage allow for quick attachment and detachment of NATO clamp accessories, such as top handles or side handles.
- **Threaded Holes:** Multiple 1/4"-20 and 3/8"-16 threaded holes are distributed across the cage for attaching magic arms, monitor mounts, rod clamps, and other rigging components.



Figure 6.1: Attaching a microphone via the cold shoe mount.



Figure 6.2: Attaching a side handle to the NATO rail.



Figure 6.3: Example of a rigged camera setup using the cage.



Figure 6.4: Camera with cage and external monitor.

## 7. MAINTENANCE

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

- **Cleaning:** Wipe the cage regularly with a soft, dry cloth to remove dust and fingerprints. For stubborn dirt, use a slightly damp cloth and dry immediately. Avoid abrasive cleaners or solvents.

- **Screw Check:** Periodically inspect all screws (1/4"-20 and M2.5) to ensure they are securely tightened. Loose screws can lead to instability or damage.
- **Storage:** Store the cage in a dry, clean environment away from extreme temperatures and humidity when not in use.

## 8. TROUBLESHOOTING

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This section addresses common issues you might encounter:

- **Camera Wobble:** If you experience any wobble after installation, ensure both the 1/4"-20 bottom screw and the two M2.5 side screws are fully tightened. This cage version (CCP2646) includes design improvements to minimize wobble.
- **Difficulty Accessing Power Switch:** Due to the cage's protective frame, some users with larger fingers might find the camera's on/off switch slightly less accessible. This is a design characteristic to maintain structural integrity and protection.
- **Restricted Remote Socket:** The remote socket area might be slightly restricted for certain angled plugs. Ensure your cables have appropriate connectors or consider straight-angled alternatives if needed.

## 9. SPECIFICATIONS

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<b>Model ID</b>	CCP2646 (also known as 2049)
<b>Product Dimensions</b>	154 x 71 x 109 mm (6.06 x 2.80 x 4.29 inches)
<b>Item Weight</b>	190 Grams (6.7 ounces)
<b>Material</b>	Aluminum Alloy
<b>Compatibility</b>	Panasonic Lumix GH5, GH5S, GH5 II

## Package Includes

- 1 x Cage
- 2 x M2.5 Screw
- 1 x Allen Wrench



## Product Parameters

Brand  
SmallRig

Product Dimensions  
111.50 x 152 x 65.80mm

Material(s)  
Aluminum Alloy

ID  
CCP2646

Compatibility  
Panasonic GH5 and GH5S Camera

Net Weight  
190g

Figure 9.1: Product parameters for the SMALLRIG GH5/GH5S Camera Cage.

## 10. WARRANTY AND SUPPORT

SMALLRIG products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the official SMALLRIG website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.