

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Tilta](#) /
- › [Tilta Camera Modular Full Cage for Blackmagic Pyxis 6K/12K Instruction Manual](#)

Tilta ES-T21-FCC

Tilta Camera Modular Full Cage for Blackmagic Pyxis 6K/12K Instruction Manual

Model: ES-T21-FCC

INTRODUCTION

The Tilta Camera Modular Full Cage is specifically designed to enhance the functionality and protection of your Blackmagic Pyxis 6K or Pyxis 12K camera. This robust cage provides a secure framework for your camera, offering numerous mounting points for accessories, improved handling, and dedicated slots for essential components like SSDs. Its modular design ensures compatibility and flexibility for various shooting setups.



Figure 1: Tilta Full Camera Cage installed on a Blackmagic Pyxis 6K camera.

WHAT'S IN THE BOX

Verify that all components are present in your package:

- Top Plate A for Blackmagic PYXIS 6K (21101.00065.00.00) x 1
- Left Side Arm for Blackmagic PYXIS 6K (21101.00066.00.00) x 1
- Right Side Arm for Blackmagic PYXIS 6K (21101.00067.00.00) x 1
- Bottom Plate for Blackmagic PYXIS 6K (21101.00068.00.00) x 1
- Side Plate for Blackmagic PYXIS 6K (12001.00160.00.00) x 1
- Tilta Multi-Functional Mini Tool Kit – Black (TA-MMT-B) x 1
- Manfrotto Quick Release Bottom Plate for Blackmagic PYXIS 6K (32101.00321.00.00) x 1

CONFIGURATIONS



Figure 2: Overview of the Tilta Full Camera Cage components.

SETUP AND ASSEMBLY

The Tilta Full Camera Cage features a modular design for easy assembly and customization. Follow these general steps for installation:

1. Attach the Bottom Plate to your Blackmagic Pyxis camera using the provided screws. Ensure it is securely fastened.
2. Mount the Left and Right Side Arms to the camera body, aligning them with the Bottom Plate and securing them with the appropriate screws.
3. Install the Top Plate onto the camera, connecting it to the Side Arms.
4. Attach the dedicated Side Plate, which includes the SSD mounting slot, to the left side of the cage.
5. Utilize the Tilta Multi-Functional Mini Tool Kit for all screw adjustments.



Figure 3: Exploded view illustrating the modular assembly of the camera cage.

Video Guide: Tilta Camera Cage for Blackmagic PYXIS 6K

Your browser does not support the video tag.

Video 1: An official Tilta video demonstrating the features and assembly of the camera cage for Blackmagic PYXIS 6K.

OPERATING INSTRUCTIONS

Accessory Mounting

The cage offers extensive accessory mounting options to customize your camera rig. Utilize the integrated NATO rails, Arri Rosettes, cold shoe mounts, and multiple 1/4"-20 and 3/8"-16 threads with locating points to attach monitors, microphones, handles, and other essential gear securely.

MODULAR DESIGN

Custom design for PYXIS Body. The cage includes five parts: Side Plate, Top Plate, Left Side Arm, Right Side Arm, and Bottom Plate.



Matches native accessories, offering more rigging and expansion options for flexible shooting.

***Top, Bottom and Side Plate can be used independently**

Figure 4: Detailed view of accessory mounting points on the cage.

SSD Integration

The dedicated side plate features an integrated SSD mounting slot, allowing you to securely attach and protect your solid-state drive for direct recording. This design ensures a compact and streamlined setup.

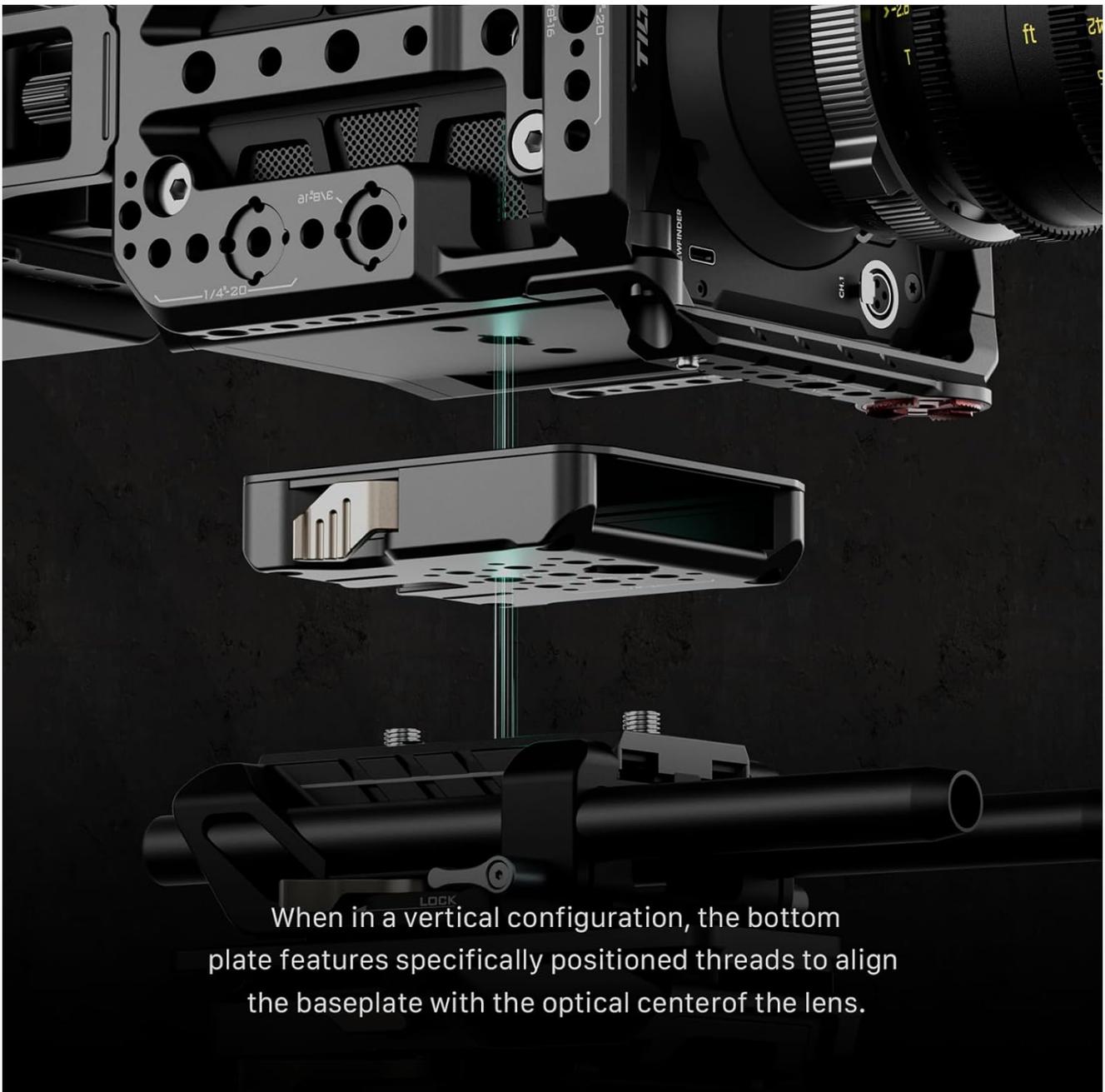


Figure 5: The side plate with an integrated SSD mounting slot.

Vertical and Horizontal Configurations

The modular design supports both traditional horizontal and modern vertical shooting setups. The quick-release bottom plate and side plate can be reconfigured to align the lens optically in vertical mode, providing versatility for different production needs.



Figure 7: Design features for enhanced heat dissipation.

MAINTENANCE

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

- **Cleaning:** Regularly wipe down the cage with a soft, dry cloth to remove dust and debris. For stubborn grime, use a slightly damp cloth and ensure the cage is completely dry before re-attaching your camera. Avoid harsh chemicals or abrasive materials.
- **Screw Inspection:** Periodically check all screws and mounting points for tightness. Vibrations during transport or use can sometimes loosen fasteners. Use the provided Tilta Mini Tool Kit to re-tighten any loose screws.
- **Storage:** When not in use, store the cage in a clean, dry environment, preferably in a protective bag or case to prevent scratches and damage.

TROUBLESHOOTING

If you encounter any issues with your Tilta Camera Modular Full Cage, consider the following common troubleshooting steps:

- **Cage Not Fitting Correctly:** Ensure you have the correct model cage for your Blackmagic Pyxis 6K or 12K camera. Double-check that all components are aligned correctly during assembly. Refer to the 'Setup and Assembly' section and video guide.
- **Accessories Not Mounting Securely:** Verify that you are using the correct thread sizes (1/4"-20 or 3/8"-16) for your accessories. Ensure NATO rail clamps and Arri Rosette attachments are fully tightened.
- **SSD Not Seating Properly:** Check that the SSD is correctly oriented and fully inserted into the dedicated slot on the side plate. Ensure the locking mechanism is engaged.
- **Loose Components:** If any part of the cage feels loose, re-tighten all screws using the Tilta Mini Tool Kit. Avoid over-tightening, which can strip threads.

If problems persist, please contact Tilta customer support for further assistance.

SPECIFICATIONS

Product Dimensions	9 x 6.1 x 5.3 inches
Item Weight	2.24 pounds
Model Number	ES-T21-FCC
Manufacturer	Tilta
Color	Black
Compatible Devices	Blackmagic Pyxis 12K, Blackmagic Pyxis 6K, Camera
UPC	810153172543

WARRANTY AND SUPPORT

Tilta products are manufactured to high-quality standards and are covered by a manufacturer's warranty. For specific warranty details, duration, and terms, please refer to the official Tilta website or contact their customer support directly. Keep your proof of purchase for any warranty claims.

For technical support, product inquiries, or assistance with any issues not covered in this manual, please visit the Tilta official website or contact their customer service department through the contact information provided on their site.