

FLYDrone X5 CASE

FLYDrone Waterproof Hard Case User Manual

FOR INSTA360 X4/X5 ACTION CAMERA ACCESSORIES (MODEL: X5 CASE)

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your FLYDrone Waterproof Hard Case. Designed specifically for Insta360 X4 and X5 action cameras and their accessories, this case offers robust protection and organized storage for your valuable equipment.

The case features a custom design with upgraded EVA multi-layer protection, ensuring impact resistance and secure organization. It is ideal for outdoor adventures, including hiking, skiing, and water sports, keeping your gear safe from environmental elements.

Scenario Applications

Portable Carrying Handle



IP67 Waterproof



Double Layer Design



Figure 1: The FLYDrone Waterproof Hard Case in its closed state, highlighting its robust construction.

2. KEY FEATURES

- **Custom Design:** Specifically tailored for Insta360 X5/X4 cameras and a comprehensive set of accessories.
- **High-Quality Materials:** Constructed from high-strength PP material with upgraded EVA multi-layer protection for superior impact resistance.
- **Large Capacity Storage:** Features an upper layer for the Insta360 X5/X4 camera, two batteries, one charging hub, magnetic base, selfie stick, bullet time handle, lens removal kit, media mod, data cable, quick reader, and more.
- **Lightweight & Compact:** Weighs 2.4 lbs with external dimensions of 11.22 x 9 x 3.9 inches, featuring a snap-on switch design for easy opening and closing.
- **Waterproof & Pressure Resistant:** Equipped with an IP67 waterproof rating and a pressure relief valve to protect contents from water, dust, and pressure changes.



Figure 2: Visual representation of the case's protective features, including full protection, high-density foam, IP67 waterproof rating, and pressure resistance.

3. SETUP AND ORGANIZATION

The FLYDrone Hard Case is designed for intuitive organization of your Insta360 X4/X5 camera and its accessories. Follow these steps to set up your case:

1. **Opening the Case:** Locate the two snap-on latches on the front of the case. Flip them upwards and outwards to release the lid.
2. **Accessing Layers:** The case features a double-layer design. The top layer, with custom-cut foam inserts, can be lifted out using the integrated rope handles to reveal the lower storage compartment.
3. **Placing Your Camera:** Carefully place your Insta360 X4 or X5 camera into its designated foam cutout on the top layer. Ensure the screen side is facing down for added protection.
4. **Organizing Accessories:** Utilize the various custom-cut slots for your batteries, charging hub, selfie stick, bullet time handle, and other small accessories. The foam is designed to hold each item snugly to prevent movement during transport.
5. **Utilizing the Lower Layer:** The lower layer provides additional space for larger items or less frequently used accessories.
6. **Closing the Case:** Once all items are securely placed, ensure the rope handles of the top layer are tucked in. Close the lid and firmly press down on the snap-on latches until they click into place, securing the case.

Video 1: A user demonstrates opening the case, revealing its two-layer foam interior, and placing an Insta360 camera and accessories into the custom-fit compartments.

Large Capacity Design Organized Storage

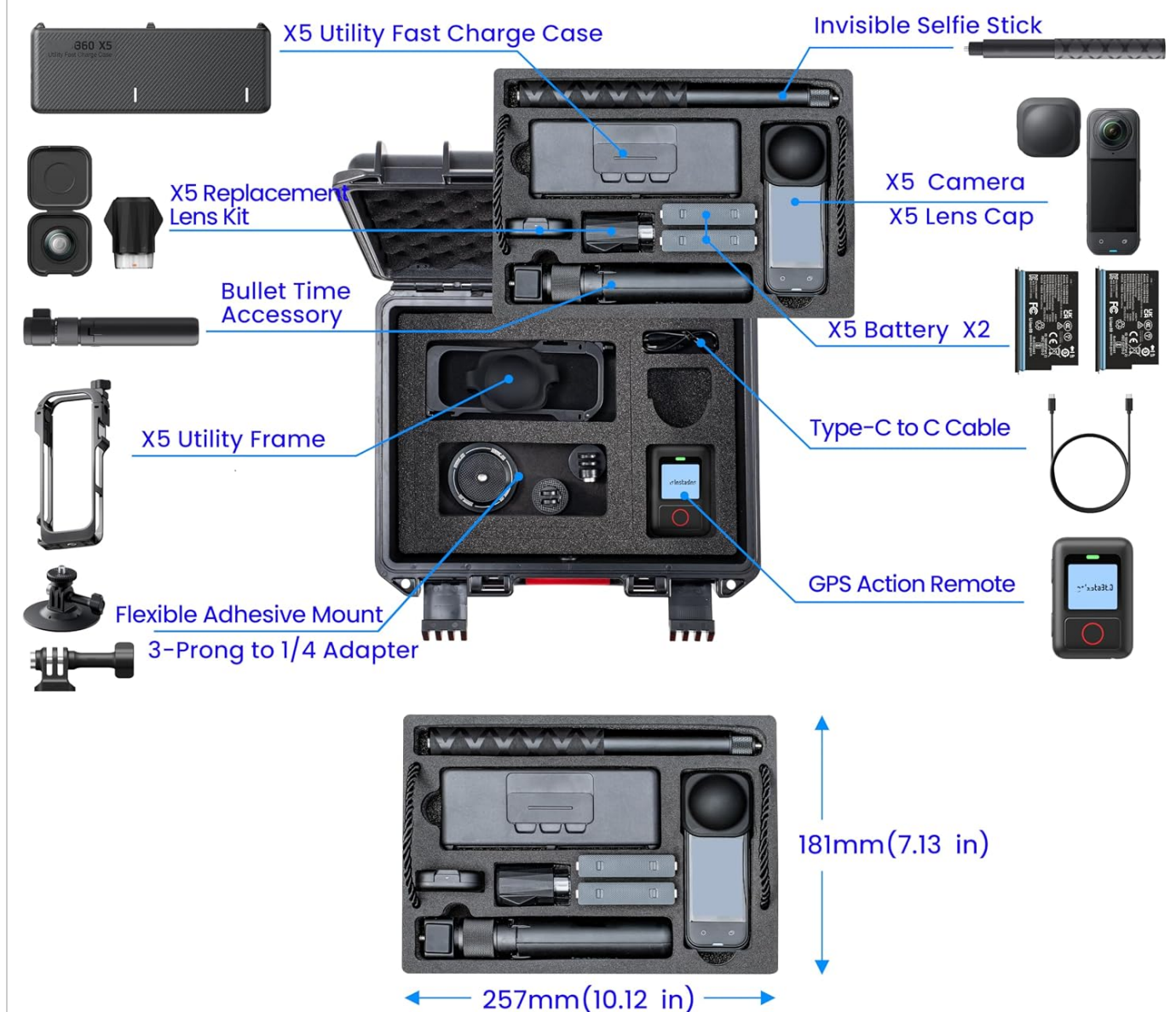
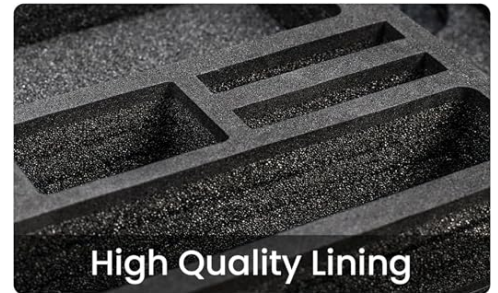


Figure 3: Detailed view of the case's interior, illustrating the organized layout for various Insta360 X5/X4 accessories.

Comprehensive Protection



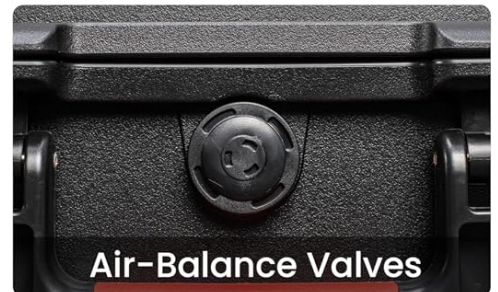
Double Locking Holes



High Quality Lining



Durable Handle



Air-Balance Valves

Figure 4: The double-layer design of the case, providing versatile storage options for different accessory sizes.

4. OPERATING INSTRUCTIONS

Using your FLYDrone Hard Case is straightforward, designed for quick access and secure transport:

- **Secure Latching:** Always ensure both latches are fully engaged and clicked into place before carrying or transporting the case. This guarantees the waterproof and shockproof integrity.
- **Carrying:** Use the integrated durable handle for comfortable carrying. For added security, the case features double locking holes, allowing for the use of padlocks (not included) for theft prevention.
- **Pressure Equalization:** The case is equipped with an air-balance valve. If you experience difficulty opening the case due to pressure differences (e.g., after changes in altitude), gently unscrew the valve to equalize the pressure, then re-tighten it after opening.

Video 2: A detailed review showcasing the case's features, including its rugged construction, custom foam inserts, and secure locking mechanism.

5. MAINTENANCE

To ensure the longevity and continued protective performance of your FLYDrone Waterproof Hard Case, follow these maintenance guidelines:

- **Cleaning:** Wipe the exterior of the case with a damp cloth and mild soap as needed. Avoid harsh chemicals or abrasive cleaners that could damage the material.
- **Gasket Inspection:** Periodically inspect the rubber gasket around the lid for any signs of wear, cracks, or debris. A clean, intact gasket is crucial for maintaining the IP67 waterproof seal.
- **Foam Care:** The EVA foam inserts are durable but can be cleaned gently with a vacuum or a slightly damp cloth if necessary. Ensure the foam is completely dry before reinserting equipment.
- **Latch Functionality:** Check the latches regularly to ensure they operate smoothly and securely. Lubricate with a silicone-based spray if they become stiff.



Figure 5: The case's IP67 waterproof rating ensures your valuables remain dry in wet conditions.

Anti-Pressure and Anti-Drop

Hard Shell Design



Figure 6: The hard shell design provides excellent anti-pressure and anti-drop protection for your equipment.

6. TROUBLESHOOTING

If you encounter any issues with your FLYDrone Waterproof Hard Case, consider the following:

- **Case Difficult to Open:** If the case is hard to open, especially after changes in altitude, the internal pressure may be different from the external. Gently unscrew the air-balance valve to equalize pressure, then try opening the latches. Remember to re-tighten the valve after use.
- **Water Leakage:** Ensure the rubber gasket around the lid is clean, free of debris, and properly seated. Check that both latches are fully closed and secured. Avoid submerging the case for extended periods beyond its rated depth.
- **Items Not Fitting:** Verify that you are using the correct foam cutouts for each accessory. The foam is custom-designed for specific items. Do not force items into compartments that are too small.
- **Damaged Latches/Hinges:** If latches or hinges appear damaged, discontinue use to maintain the case's protective features. Contact customer support for assistance.

7. SPECIFICATIONS

Product Dimensions	11.22 x 9 x 3.9 inches
Item Weight	2.46 pounds
Item Model Number	X5 CASE
Material	High-strength PP Material with Upgrade EVA Multi layer protection
Waterproof Rating	IP67



PRODUCT NAME:
FLYDrone
Waterproof Case

PRODUCT SIZE:
11.22in x 9.05 in x 3.93in

PRODUCT WEIGHT:
1100g
2.43lb

APPLICABLE MODELS:
For Insta360 X5

MAIN MATERIAL:
PP、EVA

PRODUCT COLOR:
Black

Full protection

Moisture-proof

Waterproof design

High-Density Foam

Pressure resistance

Unique craft

Figure 7: Key product dimensions and specifications for the hard case.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact FLYDrone customer

service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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