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> Insta360 Ace Pro 2 Dual Battery Xplorer Bundle User Manual

Insta360 CINSBBGA-Xplorer-1TB

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Model: CINSBBGA-Xplorer-1TB | Brand: Insta360

1. INTRODUCTION

This manual provides detailed instructions for the Insta360 Ace Pro 2 Dual Battery Xplorer Bundle. This compact action camera, co-engineered with Leica, offers advanced features for capturing high-quality video and photos in various environments. Key features include 8K30fps video recording, a flagship 1/1.3" sensor, 2.5" flip screen, AI noise reduction, and robust waterproofing.

2. WHAT'S IN THE BOX

The Insta360 Ace Pro 2 Dual Battery Xplorer Bundle includes the following components:

- 1x Insta360 Ace Pro 2 Camera
- 1x Wind Guard (pre-installed by default)
- 2x Batteries
- 1x Standard Mount
- 1x Mic Cap
- 1x USB-C Cable
- 1x Utility Frame
- 1x Wrist Strap Cap
- 1x Cold Shoe Shutter Button
- 1x Decorative Cold Shoe
- 1x Grip
- 1x 1TB MicroSD Card
- 1x EVO Gimbals Lens Cloth



Image: All components included in the Insta360 Ace Pro 2 Dual Battery Xplorer Bundle, including the camera, two batteries, 1TB microSD card, various mounts, and accessories.

3. SETUP

3.1 Charging the Batteries

Before initial use, fully charge both included Lithium Ion batteries. Connect the camera to a power source using the provided USB-C cable. The camera's indicator light will show charging status and turn off when fully charged.

3.2 Inserting the MicroSD Card

Locate the microSD card slot on the camera. Insert the 1TB Micro SDXC card with the contacts facing the correct direction until it clicks into place. Ensure the card is properly seated to prevent data loss.

3.3 Attaching the Xplorer Grip Kit

The Xplorer Grip Kit enhances handling and protection. Attach the Utility Frame around the camera, then secure the Grip for improved ergonomics. The Wrist Strap can be attached to the Utility Frame for added security. Decorative cold shoe accessories and the cold shoe shutter button can be mounted as desired.

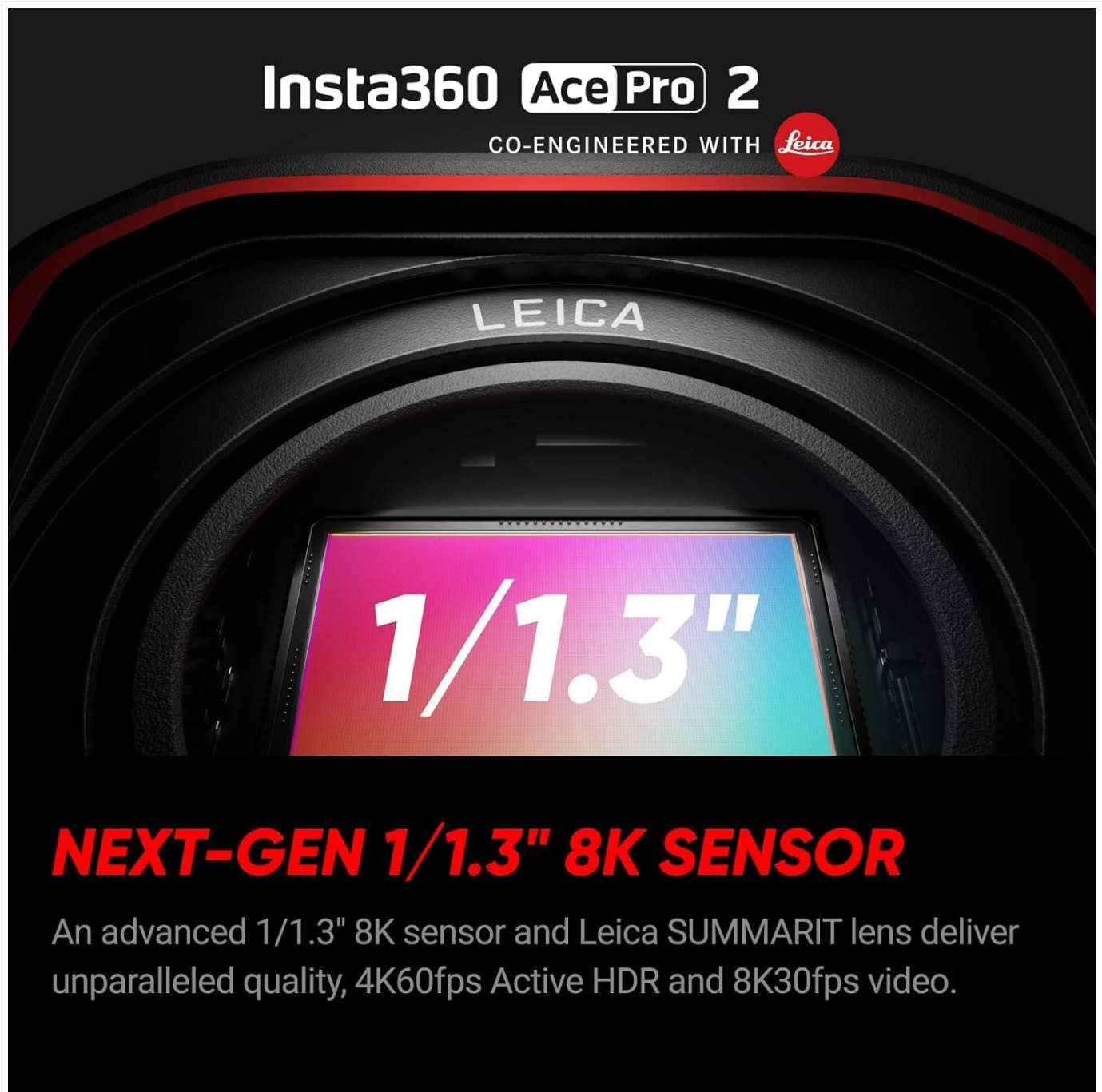


Image: The Insta360 Ace Pro 2 camera, showcasing its large 1/1.3" sensor and Leica co-engineered lens, ready for use.

4. OPERATING YOUR INSTA360 ACE PRO 2

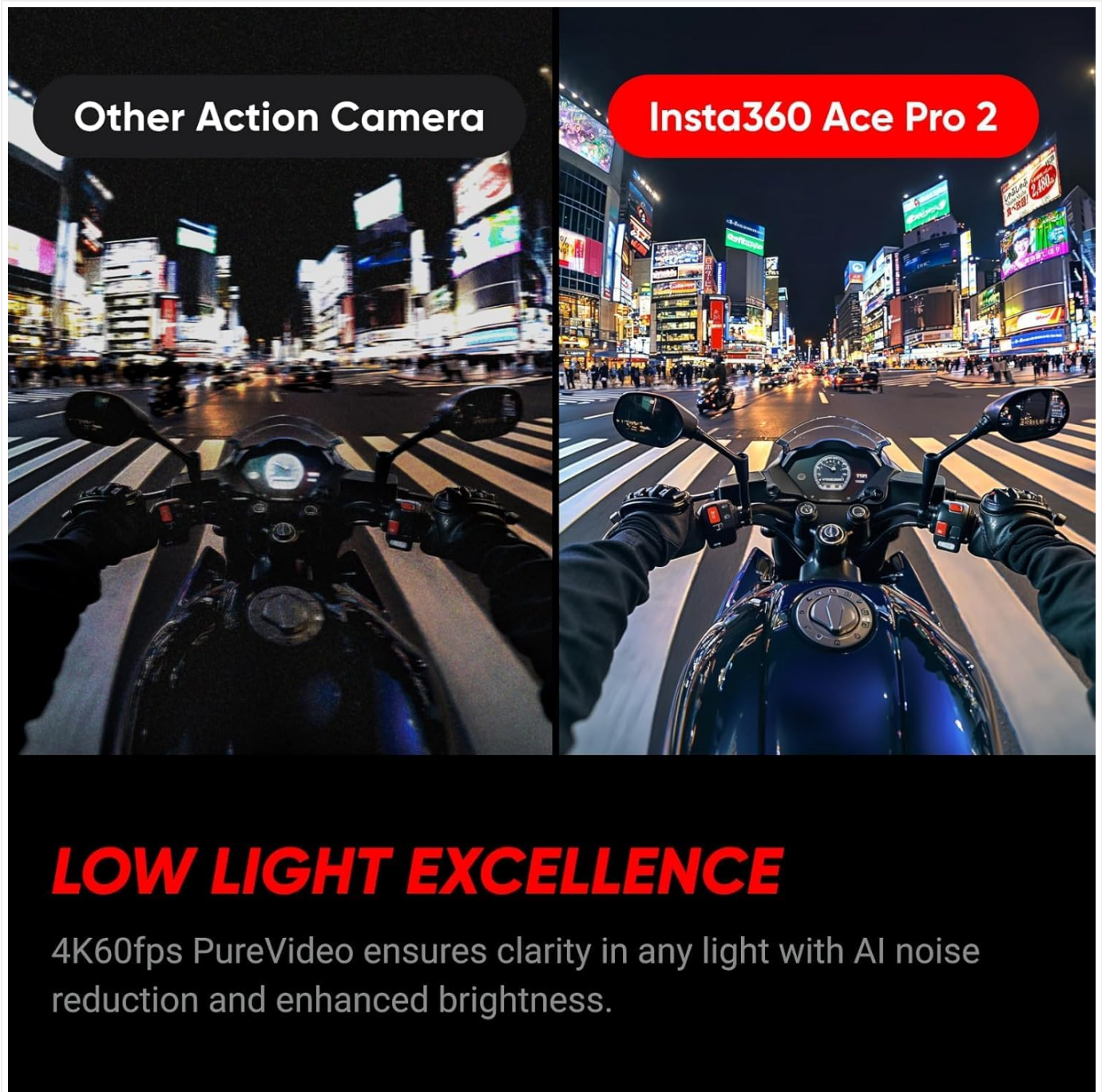
4.1 Powering On/Off

Press and hold the Power button (usually located on the side or top) to turn the camera on or off. A short press typically cycles through modes or confirms selections.

4.2 Using the Flip Touchscreen

The 2.5" flip touchscreen allows for easy framing and settings adjustments. Flip the screen up for front-facing views, ideal

for vlogging, or keep it rear-facing for standard operation. Navigate menus and settings by tapping and swiping on the screen.



LOW LIGHT EXCELLENCE

4K60fps PureVideo ensures clarity in any light with AI noise reduction and enhanced brightness.

Image: The Insta360 Ace Pro 2 with its 2.5-inch flip touchscreen displaying a live preview, demonstrating its versatility for different shooting angles.

4.3 Recording Video and Capturing Photos

The camera supports up to 8K30fps video and 4K60fps Active HDR. Select your desired resolution and frame rate from the settings menu. The Leica color profiles can be applied in-camera to enhance the aesthetic of your footage.

Active HDR Off



Active HDR On



4K60FPS ACTIVE HDR & LEICA COLOR PROFILES

4K60fps Active HDR unlocks powerful dynamic range, and Leica color profiles infuse shots with their signature aesthetic.

Image: A side-by-side comparison illustrating the visual improvement when Active HDR is enabled on the Insta360 Ace Pro 2, showing enhanced dynamic range in a bright outdoor scene.

4.4 FlowState Stabilization

The built-in FlowState stabilization technology, combined with in-camera 360° Horizon Lock, ensures your footage remains smooth and level, even during intense action. This feature automatically corrects for camera shake and tilt.

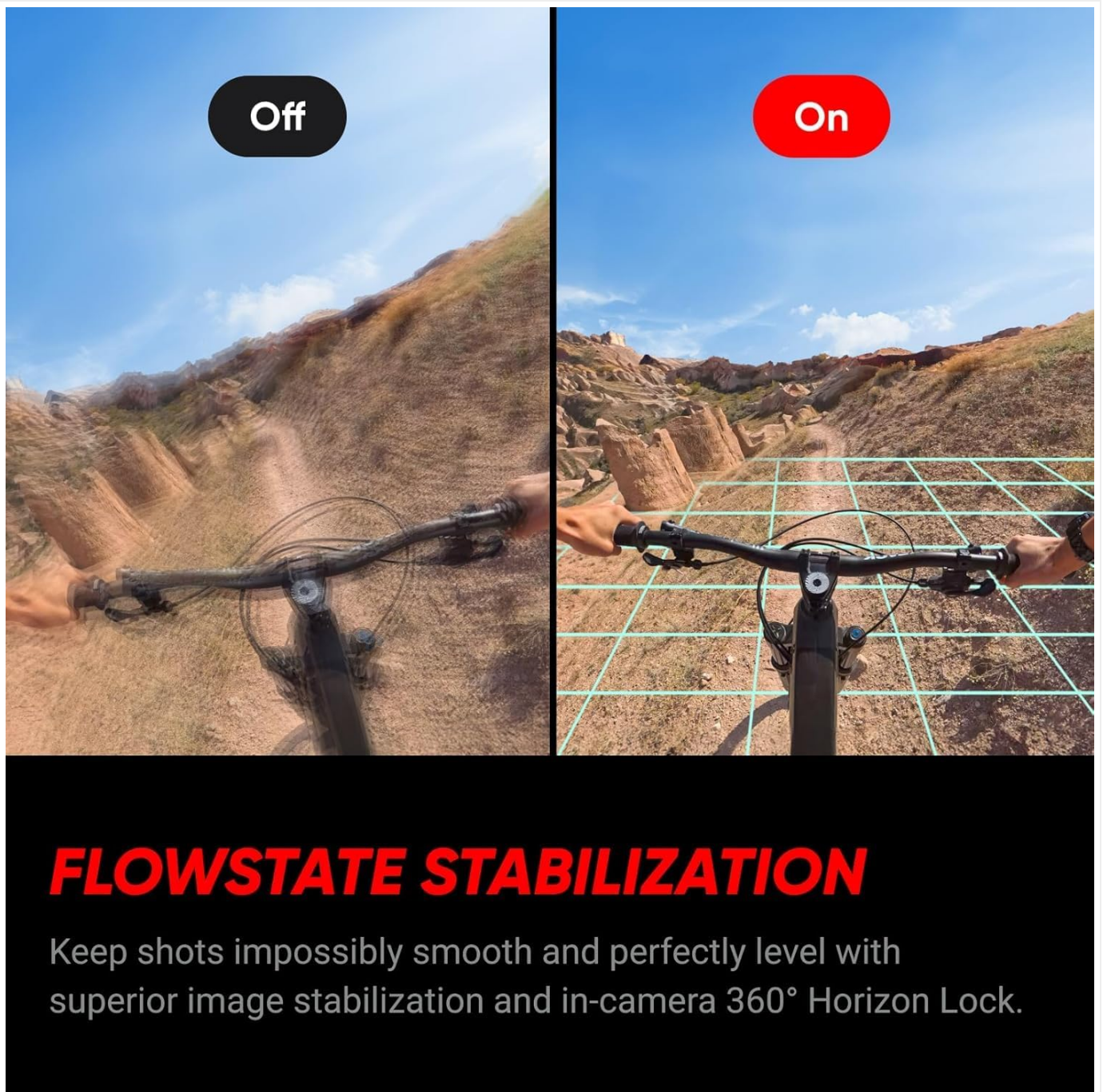


Image: A visual representation of FlowState stabilization, showing a clear difference between unstabilized, shaky footage and smooth, level footage captured with the Insta360 Ace Pro 2.

4.5 Low Light Performance (PureVideo Mode)

For challenging lighting conditions, activate PureVideo Mode, which supports up to 4K60fps. This mode utilizes AI noise reduction and enhanced brightness algorithms to deliver clear and vibrant low-light shots.



Image: A side-by-side comparison demonstrating the superior low-light performance of the Insta360 Ace Pro 2 compared to another action camera, highlighting improved clarity and reduced noise in dark environments.

4.6 Audio Features

The camera features an innovative Wind Guard, which can be snapped on or off, to minimize wind noise during recording. Refreshed audio algorithms further enhance sound clarity, ensuring high-quality audio capture.



NEW WIND GUARD FOR TOP-TIER AUDIO

An innovative Wind Guard minimizes noise during peak moments, ready to snap on or off as needed.

Image: The Insta360 Ace Pro 2 camera with a visual representation of its Wind Guard feature, designed to reduce wind noise for clearer audio recording.

4.7 Waterproofing

The Insta360 Ace Pro 2 is rugged and waterproof to a depth of 39 feet (12 meters) without requiring an additional case. Ensure all ports are securely closed before exposing the camera to water.



RUGGED & WATERPROOF TO 39FT

Solid performance with a sturdy flip screen that can handle the action. Waterproof to 39ft (12m) and ready to explore.

Image: The Insta360 Ace Pro 2 demonstrating its rugged and waterproof capabilities, shown both submerged in water and in a dusty outdoor setting.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Insta360 Ace Pro 2, follow these maintenance guidelines:

- **Cleaning:** Use the provided EVO Gimbals Lens Cloth or a soft, lint-free cloth to clean the lens and screen. For stubborn smudges, a small amount of lens cleaning solution can be applied to the cloth, not directly to the camera.
- **Battery Care:** Store batteries in a cool, dry place. Avoid fully discharging batteries for extended periods. If storing for a long time, charge them to about 50-60% capacity.
- **Storage:** When not in use, store the camera in a protective case to prevent scratches and impacts. Avoid extreme temperatures and high humidity.
- **Water Exposure:** After using the camera in water, rinse it with fresh water and dry thoroughly before opening any ports or compartments.

6. TROUBLESHOOTING

If you encounter issues with your Insta360 Ace Pro 2, refer to the following common troubleshooting steps:

- **Camera Not Powering On:** Ensure batteries are fully charged and correctly inserted. Try using a different charged battery. If the issue persists, connect the camera to a power source and attempt to power on.
- **Recording Issues:** Check if the microSD card is properly inserted and has sufficient free space. Ensure the card is a high-speed Micro SDXC card as recommended for 8K recording. Format the card if necessary (this will erase all data).
- **Unresponsive Touchscreen:** Try restarting the camera. If the screen is wet, dry it thoroughly.
- **Poor Image/Video Quality:** Ensure the lens is clean and free from smudges. Check your resolution and frame rate settings. Verify that stabilization features like FlowState are enabled if desired.
- **Connectivity Problems (Bluetooth):** Ensure Bluetooth is enabled on both the camera and your connecting device. Try restarting both devices.

For further assistance, consult the official Insta360 support resources or contact customer service.

7. SPECIFICATIONS

Below are the technical specifications for the Insta360 Ace Pro 2 Dual Battery Xplorer Bundle:

Feature	Specification
Brand	Insta360
Model Number	CINSBBGA-Xplorer-1TB
Item Weight	2 pounds
Product Dimensions	13 x 2 x 11 inches
Batteries	2 Lithium Ion batteries (included)
Color	Black
Special Features	Touchscreen, Wind Noise Reduction, FlowState Stabilization, Slow Motion, Waterproof, Lightweight
Photo Sensor Technology	CMOS
Video Capture Resolution	8K24, 4K120fps
Maximum Focal Length	30 Millimeters
Flash Memory Type	Micro SDXC
Video Capture Format	MP4
Screen Size	2.5 Inches
Connectivity Technology	Bluetooth
Waterproof Depth	Up to 39ft (12m)

8. WARRANTY AND SUPPORT

The Insta360 Ace Pro 2 Dual Battery Xplorer Bundle is backed by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Insta360 website. For customer service and technical support, you may contact the seller, EVO Gimbals, whose customer service is based in Bend, OR, and typically replies within 24 hours. For direct product support, visit the official Insta360 support page.

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Question

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

Details

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