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Insta360 Ace Pro 2 (CINSBBGA-2B)

Insta360 Ace Pro 2 Dual Battery Bundle User Manual

Model: Ace Pro 2 (CINSBBGA-2B) | Brand: Insta360

1. INTRODUCTION

This manual provides essential instructions for setting up, operating, and maintaining your Insta360 Ace Pro 2 8K Waterproof Action Camera Dual Battery Bundle. Please read thoroughly before use to ensure optimal performance and longevity of your device.

What's in the Box

- 1x Insta360 Ace Pro 2 Camera
- 1x Wind Guard (pre-installed by default)
- 2x Batteries
- 1x Standard Mount
- 1x Mic Cap
- 1x USB-C to USB-C Cable

Standard Bundle

The 8K AI-powered action cam.



In the box:



Ace Pro 2
Dual Battery



Standard
Mount



USB-C
Cable



Mic
Cap



Wind
Guard

Image: Contents of the Insta360 Ace Pro 2 Dual Battery Bundle, including the camera, wind guard, two batteries, standard mount, mic cap, and USB-C cable.

2. SETUP

2.1 Camera Components Overview

Familiarize yourself with the main parts of your Insta360 Ace Pro 2 camera.



Image: The Insta360 Ace Pro 2 camera with its flip touchscreen extended, showing the main lens, power button, and accessory mounts. Two batteries, a mic cap, a standard mount, and a USB-C cable are also visible.

2.2 Battery and MicroSD Card Installation

To install the battery and microSD card:

1. Locate the battery compartment on the side of the camera.
2. Press down on the latch and pull the battery cover open.
3. Insert the battery according to the markings inside the compartment.
4. Locate the microSD card slot next to the USB-C port.
5. Insert the microSD card (purchased separately) into the designated slot until it clicks into place.
6. Close the battery and USB-C covers securely, ensuring no orange line is visible, to maintain waterproofing.

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Video: Official "Insta360 Ace Pro 2 - First Use Guide" demonstrating battery and microSD card installation, along with initial setup steps.

2.3 App Download and Activation

The Insta360 app is required for camera activation and advanced features. Ensure your smartphone is connected to the internet, and Bluetooth and Wi-Fi are enabled.

1. Download the Insta360 app from your device's app store.
2. Open the app, select your device, and tap "Connect".
3. Follow the on-screen prompts to activate your camera.

2.4 Charging and Data Transfer

To charge your camera or transfer data:

- Connect the official USB-C cable to the camera's USB-C port and a power source for charging. The indicator light will turn red while charging and turn off when complete.
- For data transfer, connect the camera to a computer using the USB-C cable and select "U-Disk Mode" on the camera's screen.
- The camera also supports reverse charging for other devices in an emergency.

3. OPERATING THE CAMERA

3.1 Powering On/Off and Basic Controls

- **Power Button:** Press to turn on the camera. Long press to turn off.
- **Shutter Button:** Press to start/stop recording or take a photo. Long press while recording to cancel and erase footage.
- **Quick Capture:** When activated, a single press of the shutter button will quickly start recording even if the camera is off.

3.2 Flip Touchscreen Interface

The 2.5" flip touchscreen provides intuitive control and real-time feedback.

- **Main Interface:** Displays memory card capacity, battery level, shooting mode, specifications, clarity zoom, and field of view. Tap the screen to hide/show information.
- **Shortcut Menu:** Swipe down from the top to access quick settings like QuickCapture, screen lock, gesture control, and AI features.
- **Shooting Parameters:** Tap the shooting specification icon (bottom left) or swipe up from the bottom to adjust resolution, frame rate, Active HDR, stabilization, and more.
- **Clarity Zoom:** Tap the Clarity Zoom button (bottom right) to switch between 1.0x and 2.0x magnification without losing image quality.
- **Field of View:** Tap the Field of View button to select options like MegaView, UltraWide, Dewarp, or Linear.
- **Selfie Mode:** Press and hold the unlock buttons on both sides of the flip touchscreen simultaneously to unlock and adjust the screen for selfie viewing.

Low Light Excellence

4K60fps PureVideo guarantees stunning quality in low light.

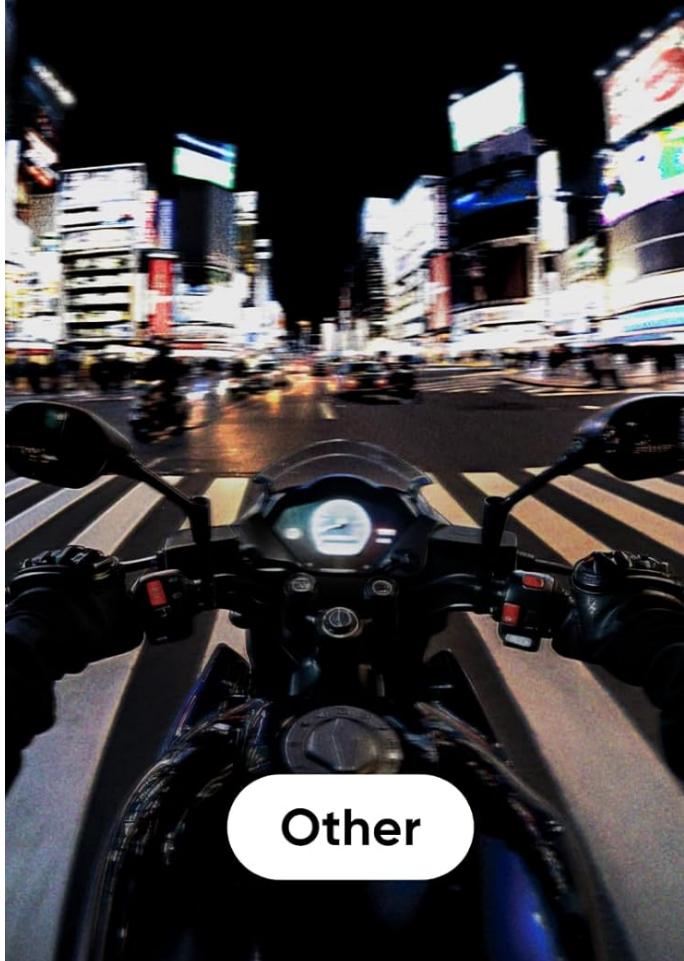


Image: The Insta360 Ace Pro 2 camera with its flip touchscreen extended, showing the main lens, power button, and accessory mounts. Two batteries, a mic cap, a standard mount, and a USB-C cable are also visible.

3.3 Advanced Features

- **PureVideo Mode:** Enhances low-light shooting up to 4K60fps with AI noise reduction.
- **Active HDR:** Available up to 4K60fps, it improves dynamic range for better light and shadow details.
- **FlowState Stabilization & 360° Horizon Lock:** Ensures smooth, level footage in dynamic environments.
- **AI Highlights Assistant:** Automatically finds and merges highlights in-camera, sending a ready-to-share video to the Insta360 app.
- **Gesture Control & Voice Control 2.0:** Control the camera hands-free with gestures or voice commands.
- **Dashcam Mode:** Transform your camera into a dashcam with automatic footage saving.

4. MAINTENANCE

4.1 Waterproofing and Audio Accessories

The Insta360 Ace Pro 2 is waterproof to 39ft (12m) without additional housing. For water sports, ensure the Wind Guard is removed or replaced with the Mic Cap before entering water to prevent damage and ensure audio clarity.

- **Wind Guard:** Pre-installed for minimizing wind noise. To remove, slide it firmly to the right until the red mark is visible, then pull off.
- **Mic Cap:** Use this accessory when the camera is exposed to water to protect the microphone. Install by aligning with the red silk screen and pushing in the direction of the arrows until it clicks.

5. TROUBLESHOOTING

5.1 Firmware Updates

Regular firmware updates are released to improve camera performance and add new features. It is recommended to keep your camera's firmware up to date.

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Video: Official "Insta360 Ace Pro 2 - Updating Firmware" guide, showing how to update your camera's software via the Insta360 app or computer.

If you encounter any issues, ensure your camera is fully charged and connected to a stable internet connection via the Insta360 app. If problems persist, consult the official Insta360 support resources.

6. SPECIFICATIONS

Feature	Detail
Brand	Insta360
Item Model Number	CINSBBGA-2B
Item Weight	1.1 pounds
Special Features	8K Resolution, Dual AI Chips, Low Light Excellence, Superior Audio, AI Editing Tools
Photo Sensor Technology	CCD
Video Capture Resolution	8K
Maximum Aperture	2.6 f
Flash Memory Type	Micro SD
Supported Audio Format	AAC, 48 kHz, 16-bit
Screen Size	2.5 inches
Connectivity Technology	Bluetooth, USB, Wi-Fi

7. WARRANTY AND SUPPORT

Your Insta360 Ace Pro 2 comes with a manufacturer's warranty. Please refer to the included Warranty Card for detailed terms and conditions. For further assistance, visit the official Insta360 website or contact their customer support.

You can also find additional tutorials and community support through the Insta360 app and online forums.

