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Insta360 ONE X2

Insta360 ONE X2 360 Degree Action Camera User Manual

Model: ONE X2

Brand: Insta360

Introduction

The Insta360 ONE X2 is a versatile 360-degree action camera designed to capture immersive footage and photos. With its dual-lens setup, advanced stabilization, and intelligent editing features, it serves as a comprehensive tool for creators seeking dynamic and unique perspectives. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your ONE X2 camera.

What's in the Box

Upon unboxing your Insta360 ONE X2, verify that all the following components are included:

- 1x Insta360 ONE X2 Camera
- 1x Charge Cable
- 1x 64GB MicroSD Card
- 1x Battery
- 1x Protective Pouch
- 1x User Guide (this manual)



Image: Insta360 ONE X2 camera shown alongside the included 64GB MicroSD card.

Key Features

The Insta360 ONE X2 boasts a range of features designed to enhance your capturing experience:

- **5.7K 360 Capture:** Record every angle simultaneously with high-resolution 5.7K video and H.265 encoding.
- **FlowState Stabilization:** Achieve incredibly smooth footage with advanced stabilization and horizon leveling, eliminating the need for a gimbal.
- **Invisible Selfie Stick:** Utilize the Invisible Selfie Stick for drone-like angles and third-person perspectives that automatically disappear in your final edit.
- **IPX8 Waterproof:** The camera is waterproof up to 10 meters (33 feet) without a case, making it suitable for water activities.
- **Ultra-Bright Touch Screen:** A vibrant 2-inch touch screen allows for easy preview and control of your shots.

- **AI Editing:** Leverage artificial intelligence within the companion app for simplified and creative video editing.
- **4-Mic 360 Audio:** Capture immersive audio from all directions with the integrated four-microphone array.
- **Voice Control:** Command your camera hands-free using voice commands.
- **Live Streaming & Webcam:** Use the ONE X2 for live streaming or as a high-quality webcam.

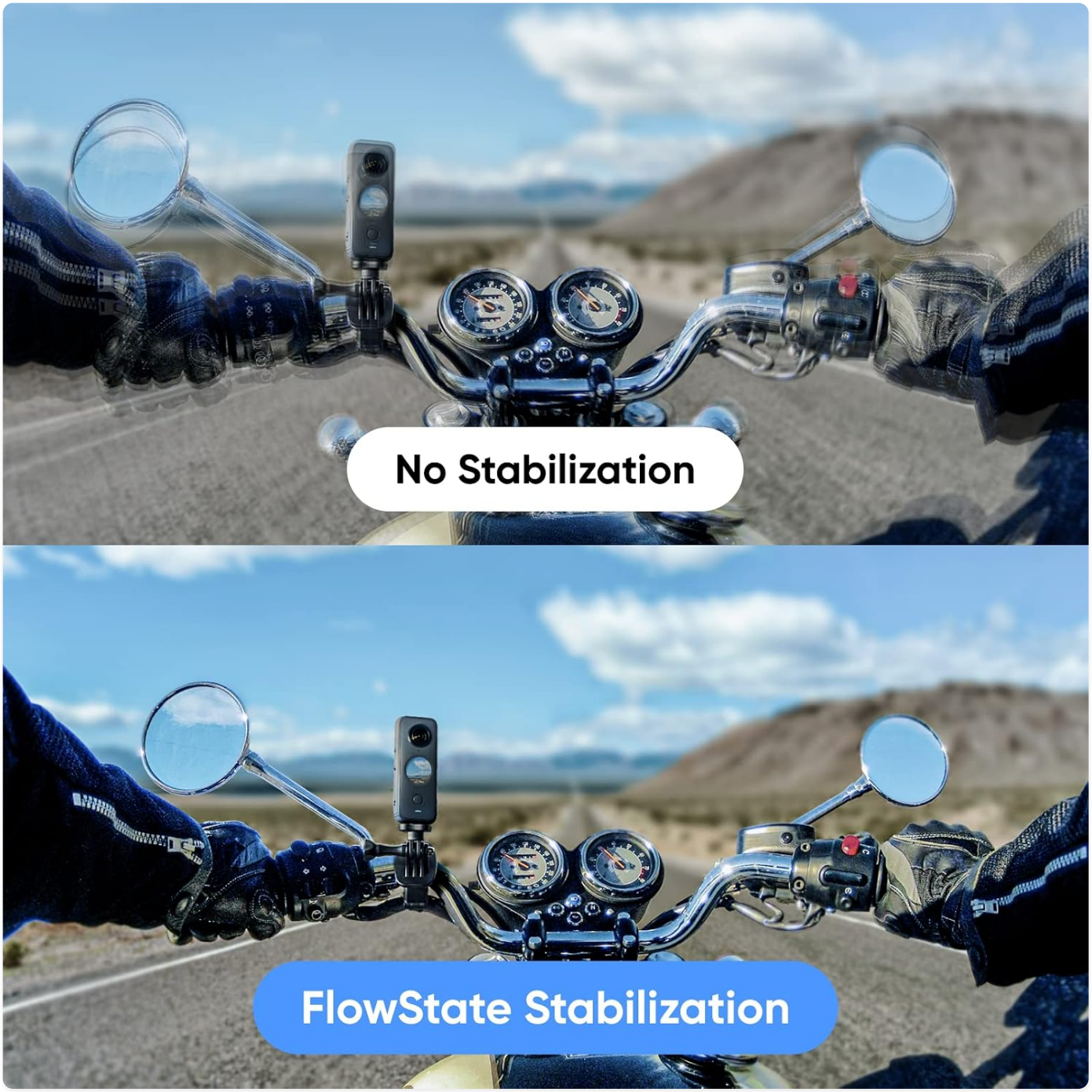


Image: Demonstrates the effectiveness of FlowState Stabilization, comparing unstabilized footage with smooth, stabilized footage from a motorcycle. This feature ensures your videos remain steady even during dynamic activities.



Image: The Insta360 ONE X2 camera is shown partially submerged in water, with water splashing around it, highlighting its IPX8 waterproof rating for use in aquatic environments.

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Video: An official product video showcasing various features of the Insta360 ONE X2, including its stabilization, 360-degree capture, invisible selfie stick, and waterproof capabilities. It highlights the camera's versatility in different action scenarios.

Setup Guide

1. Charging the Battery

Before first use, fully charge the camera battery. Connect the included charge cable to the camera's USB-C port and a power source (e.g., USB wall adapter, computer USB port). The indicator light will show charging status.

2. Inserting the MicroSD Card

Locate the MicroSD card slot on the side of the camera. Insert the provided 64GB MicroSD card with the gold contacts facing the

front of the camera until it clicks into place. Ensure the card is properly seated to avoid data loss.

3. Powering On/Off

To power on, press and hold the Power button until the screen lights up. To power off, press and hold the Power button until the camera shuts down.

4. Connecting to the Insta360 App

For full functionality and advanced controls, download the official Insta360 app on your smartphone. Turn on the camera's Wi-Fi (usually accessible via the touch screen swipe-down menu) and connect your phone to the camera's Wi-Fi network. Follow the in-app instructions for initial setup and firmware updates.

Operating Instructions

1. Basic Controls

- **Power Button:** Press and hold to power on/off. Short press to switch modes or confirm selections.
- **Shutter Button:** Press to start/stop recording or take a photo.
- **Touch Screen:** Swipe to navigate menus, tap to select options, and preview your shots.

2. Shooting Modes

- **360 Mode:** Captures footage from all directions, allowing you to reframe your shot later in the app. Ideal for immersive content.
- **Steady Cam Mode:** Uses one of the lenses to capture ultra-stable, wide-angle footage, similar to a traditional action camera.

3. Using the Invisible Selfie Stick

Attach the Insta360 ONE X2 to a compatible Invisible Selfie Stick. When shooting in 360 mode, the camera's software will automatically remove the stick from your footage, creating a unique third-person or drone-like perspective.



Image: A user holds the Insta360 ONE X2 with an invisible selfie stick, capturing a dynamic shot of another person dancing on a beach. This illustrates the camera's ability to create unique perspectives by digitally removing the stick.



Image: Two individuals are shown riding a scooter, with the Insta360 ONE X2 camera mounted on an invisible selfie stick, capturing a broad 360-degree view of their journey along a coastal road. This demonstrates the camera's capability for immersive travel vlogging.

4. Voice Control

Enable voice control in the camera settings. You can then use specific voice commands (e.g., "Start Recording," "Take Photo") to operate the camera hands-free, which is particularly useful when the camera is mounted or out of reach.

5. AI Editing with the Insta360 App

After capturing your footage, transfer it to your smartphone via the Insta360 app. The app offers powerful AI-powered editing tools, including Shot Lab templates, Deep Track 2.0 for subject tracking, and various effects to create professional-looking videos with ease.

Maintenance

- **Lens Care:** Always keep the lenses clean. Use a soft, lint-free cloth specifically designed for optical surfaces. Avoid touching the lenses directly with your fingers.
- **Waterproofing:** After using the camera in water, rinse it with fresh water and ensure all ports are dry before opening them.
- **Storage:** Store the camera in its protective pouch in a cool, dry place away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Regularly check for and install firmware updates via the Insta360 app to ensure optimal performance and access to new features.

Troubleshooting

- **Camera Not Responding:** If the camera freezes, press and hold the Power button for 7 seconds to force a shutdown.
- **Connection Issues:** Ensure Wi-Fi is enabled on the camera and your phone. Try restarting both devices. Verify that the Insta360 app is updated to the latest version.
- **Poor Image/Video Quality:** Check if the lenses are clean and free from smudges. Ensure you are shooting in adequate lighting conditions. Verify that the MicroSD card meets the recommended speed requirements.

- **Battery Draining Quickly:** Reduce screen brightness, turn off Wi-Fi/Bluetooth when not in use, and ensure the latest firmware is installed.

Specifications

Feature	Detail
Brand	Insta360
Model	ONE X2
Video Capture Resolution	360: 5.7K@30fps, 25fps, 24fps; 4K@50fps, 30fps; 3K@100fps. Wide Angle (Steady Cam Mode): 2560x1440@50fps, 30fps; 1920x1440@50fps, 30fps; 1920x1080@50fps, 30fps
Photo Sensor Technology	CMOS
Maximum Aperture	f/2.0
Screen Size	2 Inches (Ultra-Bright Touch Screen)
Waterproof Rating	IPX8 (up to 10 meters / 33 feet)
Stabilization	FlowState Stabilization
Audio	4-Mic 360 Audio
Connectivity	Bluetooth, Wi-Fi
Flash Memory Type	Micro SD
Battery	1 Lithium Polymer battery (included)
Item Weight	1.23 pounds
Color	Black

Warranty and Support

For detailed warranty information and technical support, please refer to the official Insta360 website or contact their customer service. You can also find additional resources and FAQs on the Insta360 Store on Amazon.
A comprehensive User Guide in PDF format is also available for download: Insta360 ONE X2 User Guide (PDF).

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