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Insta360 Flow 2 Pro (CINSBBQA)

Insta360 Flow 2 Pro AI Tracker Instruction Manual

Brand: Insta360 | Model: Flow 2 Pro (CINSBBQA)

1. Overview

The Insta360 Flow 2 Pro AI Tracker is an advanced accessory designed to enhance mobile videography by providing intelligent subject tracking. It integrates seamlessly with the Insta360 Flow 2 gimbal, offering enhanced precision for various recording scenarios.

- **Enhanced Tracking:** Breaks free from app or phone limitations, allowing tracking for video calls, livestreams, and online meetings across more supported models. When paired with the Flow 2 Pro gimbal, it delivers enhanced tracking precision for superior mobile shots.
- **AI-Driven Accuracy:** Utilizes advanced AI to accurately identify subjects in complex environments, maintaining a firm lock and preventing loss of track.
- **Integrated Spotlight:** Features a built-in spotlight with three adjustable brightness levels and three color temperature settings for optimal lighting in various conditions.
- **Gesture Control:** Supports intuitive gesture control, allowing users to start or stop AI tracking simply by raising their hand.



Figure 1: Front view of the Insta360 Flow 2 Pro AI Tracker.

2. Setup

The AI Tracker is designed for quick and easy attachment to your Insta360 Flow 2 gimbal.

1. **Attachment:** Align the AI Tracker with the designated slot on your Insta360 Flow 2 gimbal. Gently push until it securely clips into place. The design ensures a compact and unobtrusive fit.

2. **Power On:** Once attached, the AI Tracker will draw power from the gimbal. Ensure your gimbal is sufficiently charged.
3. **Initial Connection:** The AI Tracker is designed to work seamlessly with the Flow 2 gimbal. No complex pairing is typically required for basic AI tracking functionality.

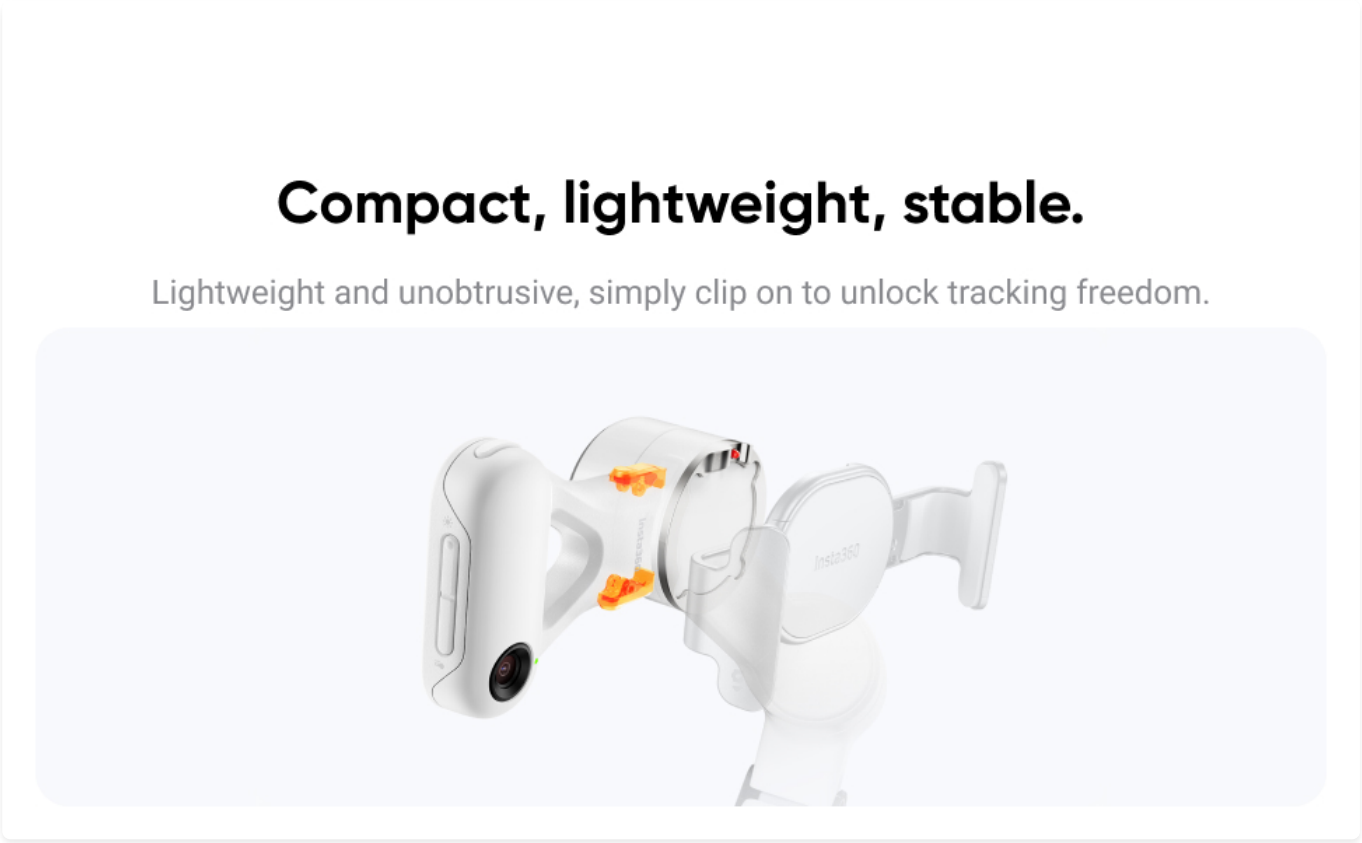

Figure 2: The AI Tracker is lightweight and unobtrusive, designed to clip easily onto the gimbal.

3. Operating Instructions

3.1 AI Tracking

The core function of the AI Tracker is its ability to maintain a firm lock on your subject. Insta360's advanced algorithm ensures accurate subject identification and tracking, even in dynamic environments.

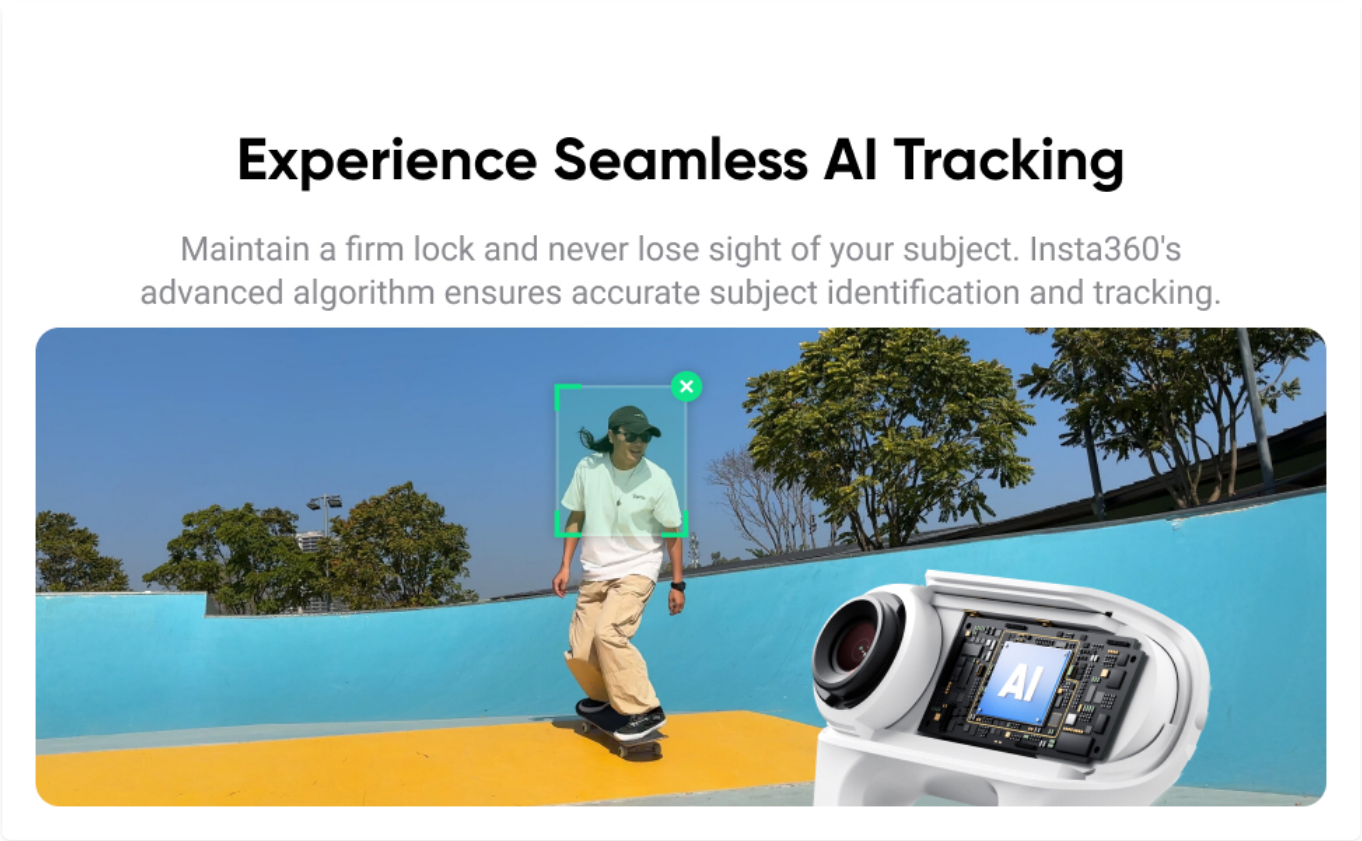

Figure 3: The AI Tracker provides seamless tracking, maintaining focus on the subject.

3.2 Gesture Control

The AI Tracker features built-in gesture control for convenient operation. Simply raise your hand to silently start or stop tracking. You can also easily adjust composition via the joystick on your Flow 2 Pro/Flow 2 gimbal.



Figure 4: Gesture control allows for hands-free starting and stopping of tracking.

3.3 Built-in Spotlight

For shooting in low light conditions, utilize the built-in spotlight. It offers three adjustable brightness levels and three color temperature settings to suit your environment and desired mood.

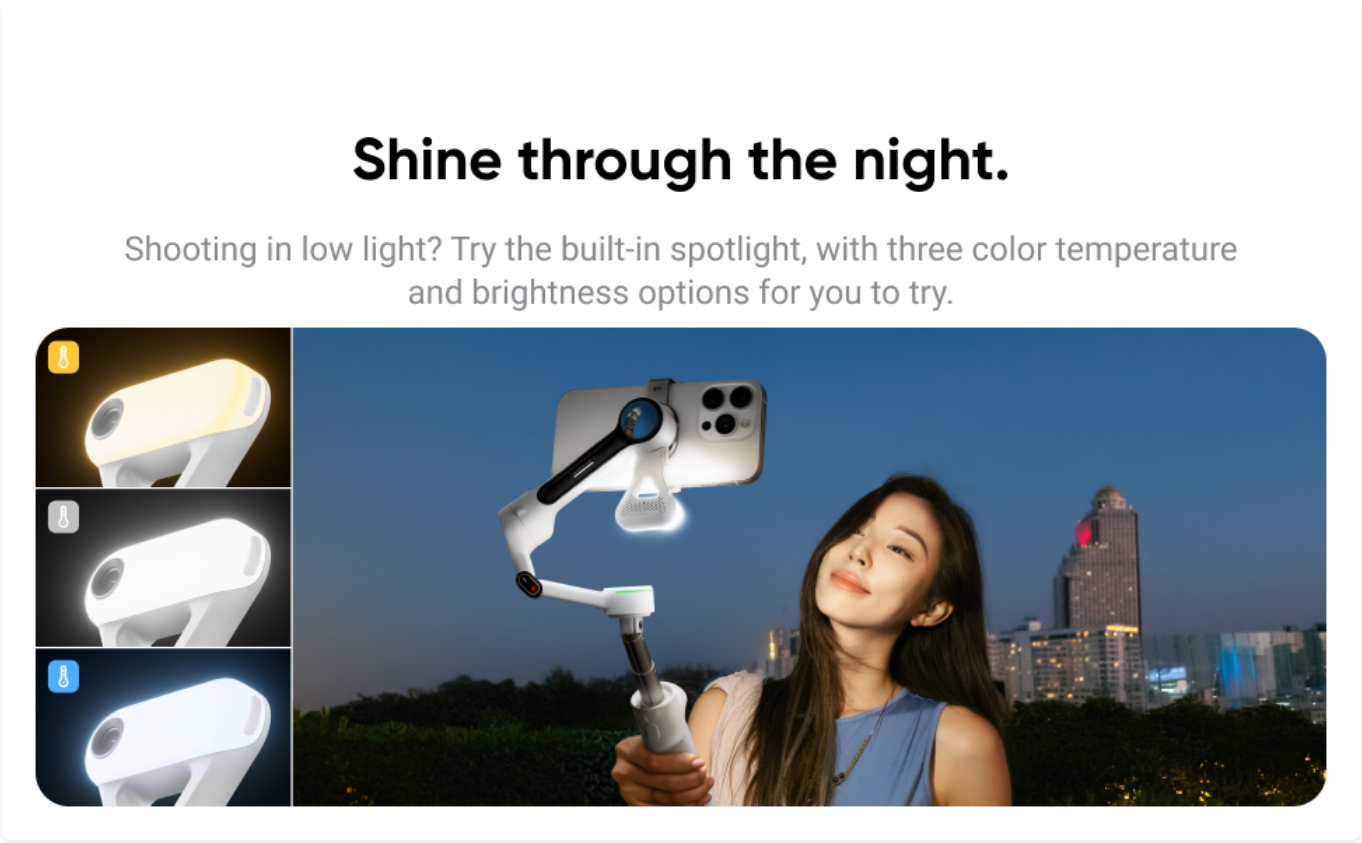

Figure 5: The integrated spotlight provides illumination for low-light recording.

4. Maintenance

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

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. For stubborn smudges, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the AI Tracker in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, detach it from the gimbal and store it in its original packaging or a protective case.
- **Lens Care:** The AI Tracker features a small lens for its tracking capabilities. Keep the lens clean and free from dust or fingerprints. Use a lens cleaning cloth if necessary.

5. Troubleshooting

If you encounter issues with your Insta360 Flow 2 Pro AI Tracker, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Jittery Tracking	This can occur in certain environments or with specific movements. While the AI is advanced, some jitter may be inherent. Ensure adequate lighting and a clear line of sight to the subject. Check for firmware updates for both the AI Tracker and your Insta360 Flow 2 gimbal, as these often include tracking algorithm improvements.
Loss of Tracking (especially with pets/animals)	The AI tracking algorithm is optimized for human subjects. Tracking smaller, fast-moving, or irregularly shaped subjects like pets or certain animals can be challenging for any AI system. Ensure the subject is well-lit and occupies a significant portion of the frame. Avoid rapid, unpredictable movements.

Problem	Possible Cause / Solution
AI Tracker Not Responding	Ensure the AI Tracker is correctly attached to the gimbal and the gimbal is powered on and charged. Try detaching and reattaching the AI Tracker. If the issue persists, restart your gimbal and connected smartphone.
Spotlight Not Working	Verify that the AI Tracker is securely connected and receiving power. Check the settings for the spotlight (brightness/color temperature) to ensure it's not set to off or minimum brightness.

For further assistance, please contact Insta360 customer support.

6. Specifications

Feature	Detail
Brand	Insta360
Model Name	Flow 2 Pro
Item Model Number	CINSBBQA
Item Weight	1.44 ounces
Package Dimensions	5.24 x 3.54 x 0.94 inches
Photo Sensor Technology	CMOS
Video Capture Resolution	1080p
Maximum Focal Length	500 Millimeters
Flash Memory Type	Internal flash memory
Video Capture Format	MP4
Supported Audio Format	AAC, MP3, PCM
Connectivity Technology	Bluetooth
Camcorder Type	Action Camera (as an accessory)
What's in the Box	1x AI Tracker

7. Warranty & Support

Insta360 products are covered by a limited warranty. For detailed warranty terms and conditions, please refer to the official Insta360 website or the warranty card included with your product.
For technical support, product inquiries, or service requests, please visit the official Insta360 support page or contact their customer service team. You can find more information and resources on the Insta360 Official Store on Amazon.

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