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Insta360 CINSBBGA

Insta360 Ace Pro 2 Bike Pack - User Manual

Model: CINSBBGA

INTRODUCTION

The Insta360 Ace Pro 2 is a state-of-the-art waterproof action camera, co-engineered with Leica, designed to capture your adventures in stunning 8K resolution. Featuring a large 1/1.3" sensor and a dual AI chip, it delivers unparalleled image quality, exceptional low-light performance, and superior audio. This Bike Pack variant comes with specialized accessories to enhance your cycling videography experience.

This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your Insta360 Ace Pro 2 Bike Pack.

WHAT'S IN THE Box

Verify that all the following items are included in your package:

- 1x Insta360 Ace Pro 2 Camera
- 1x Wind Cover (pre-installed)
- 2x Batteries
- 1x Standard Mount
- 1x Microphone Protector
- 1x USB-C Cable
- 1x 128GB MicroSD Card
- 1x Bike Kit (Flexible Handlebar Mount, Chest Strap)



Image: Contents of the Insta360 Ace Pro 2 Bike Pack, including the camera, two batteries, USB-C cable, standard mount, and bike kit accessories.

Pack Bici

Pedala come vuoi, riprendi con la nuova tecnologia.



Nella scatola:



Ace Pro 2
Doppia batteria



MicroSD
da 128GB



Kit
bici

Image: Detailed view of the Bike Pack components: Ace Pro 2 camera, 128GB MicroSD card, and bike kit.

PRODUCT FEATURES

Leica SUMMARIT Lens & 1/1.3" Sensor

Co-engineered with Leica, the Ace Pro 2 features a 1/1.3" sensor and Leica SUMMARIT lens, providing unparalleled imaging with 13.5 stops of dynamic range and 2.4 μ m equivalent pixel size. This collaboration sets a new standard for action camera image quality.

Obiettivi Leica SUMMARIT

Progettato in collaborazione con Leica
per una qualità d'immagine senza pari.



Image: A cityscape captured with the Leica SUMMARIT lens, showcasing exceptional image quality.

ESPERTI AFFIDABILI DELL'IMMAGINE

Ingegnerizzata con Leica per determinare un nuovo standard nel mondo delle action cam in quanto a qualità di immagine.



Image: Close-up of the Leica lens, highlighting the co-engineering for superior image quality.

PRESTAZIONI MIGLIORATE

Il sensore 8K di nuova generazione da 1/1.3" ti garantisce una qualità d'immagine senza pari e più opzioni di ripresa, tra cui l'Active HDR fino a 4K 60fps e Video in 8K 30fps.

1/1.3"

Image: Diagram illustrating the 1/1.3 inch sensor, indicating improved performance.

8K Video & Active HDR

Record breathtaking videos in 8K at 30fps, capturing every detail with unmatched clarity. The innovative Active HDR mode enhances colors in both highlights and shadows, ensuring balanced exposure in diverse lighting conditions.

Video 8K30fps

Un sensore 8K 1/1.3" di livello superiore
cattura ogni dettaglio con nitidezza senza pari.



Image: A person kayaking, demonstrating the crisp detail of 8K video capture.

Video Active HDR 4K60fps

L'innovativo HDR esalta i colori nelle luci e nelle ombre.



Image: A person wakeboarding, illustrating the vibrant colors and balanced exposure achieved with Active HDR.

**VEDI TUTTI I
DETTAGLI**

Supportato fino a 4K 60 fps, l'Active HDR garantisce alle tue riprese una potente gamma dinamica, con luci e ombre bilanciate in qualsiasi condizione.

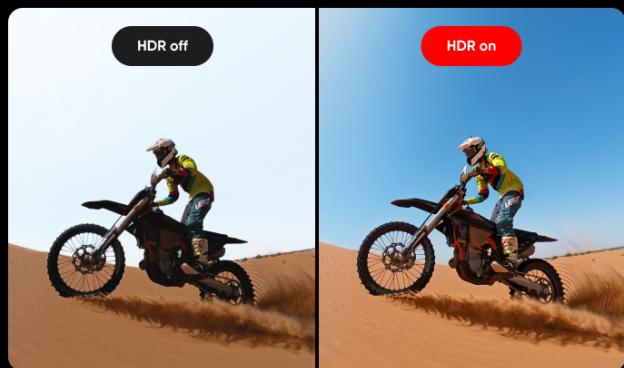


Image: Side-by-side comparison of a motocross rider with HDR off and HDR on, showing improved detail in shadows and highlights with HDR.

Superior Low-Light Performance with PureVideo

The advanced dual-chip design and large sensor deliver extraordinary clarity. With PureVideo in 4K 60fps, you'll experience significantly reduced image noise and enhanced brightness in low-light conditions.

Eccellente con scarsa luminosità

PureVideo in 4K60fps garantisce una qualità straordinaria in condizioni di scarsa luminosità.



Image: Side-by-side comparison of a night scene, showing the superior low-light performance of PureVideo compared to other cameras.

ECCELLENTE ANCHE CON SCARSA LUMINOSITÀ

Il design avanzato a doppio chip e il sensore enorme offrono una chiarezza straordinaria, inoltre, con PureVideo fino a 4K 60fps avrai un rumore d'immagine minore ed una maggiore luminosità in condizioni di scarsa luminosità.

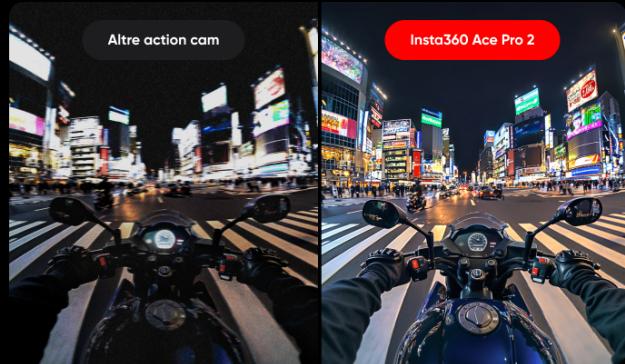


Image: Another comparison demonstrating the enhanced clarity and reduced noise in low-light conditions using PureVideo.

FlowState Stabilization & 360° Horizon Lock

Achieve rock-solid stability and perfect leveling with integrated FlowState Stabilization and 360° Horizon Lock, ensuring smooth footage even in the most dynamic environments.

IMMAGINI INCREDIBILI E SEMPRE PERFETTAMENTE LIVELLATE

Stabilità solida come una roccia e livellamento perfetto con la Stabilizzazione FlowState e l'Horizon Lock 360° integrati nella videocamera.

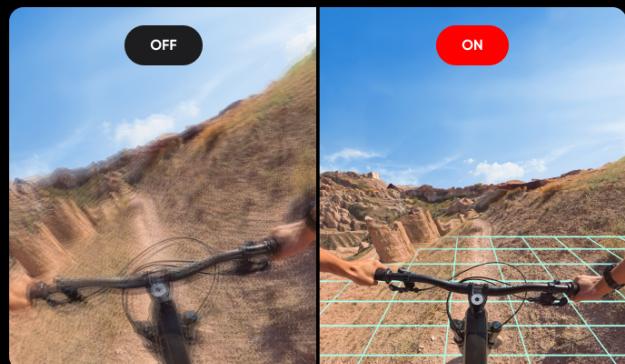


Image: Comparison showing the effect of FlowState Stabilization, transforming shaky footage into perfectly level and smooth video.

2.5" Flip Touchscreen

The large, robust, and flexible 2.5" directional touchscreen provides full control over every perspective and super-fast playback of your footage, ensuring visibility even in bright sunlight.

Touchscreen direzionale da 2,5"

Controllo completo di ogni prospettiva con visualizzazione super rapida delle riprese.



Image: The camera's 2.5-inch flip touchscreen in use, showing its versatility for different shooting angles, including a 45-degree tilt for bike mounting and 180-degree flip for vlogging.

DIREZIONA LE RIPRESE

Perfeziona la tua inquadratura da qualsiasi angolazione con un touchscreen direzionale da 2,5" più grande e più chiaro. Robusto, flessibile e garantisce la visibilità anche in piena luce solare.

70%↑

Densità dei pixel

100%↑

Flessibilità dello schermo



Image: Visual representation of the touchscreen's flexibility, showing 45-degree and 180-degree rotation for various shooting scenarios.

Clarity Zoom & Wide FOV

Zoom in and out 2x without losing quality in 4K. The camera also offers a 157° ultra-wide FOV and MegaView for less distortion and sharper edges, providing a more immersive POV experience.

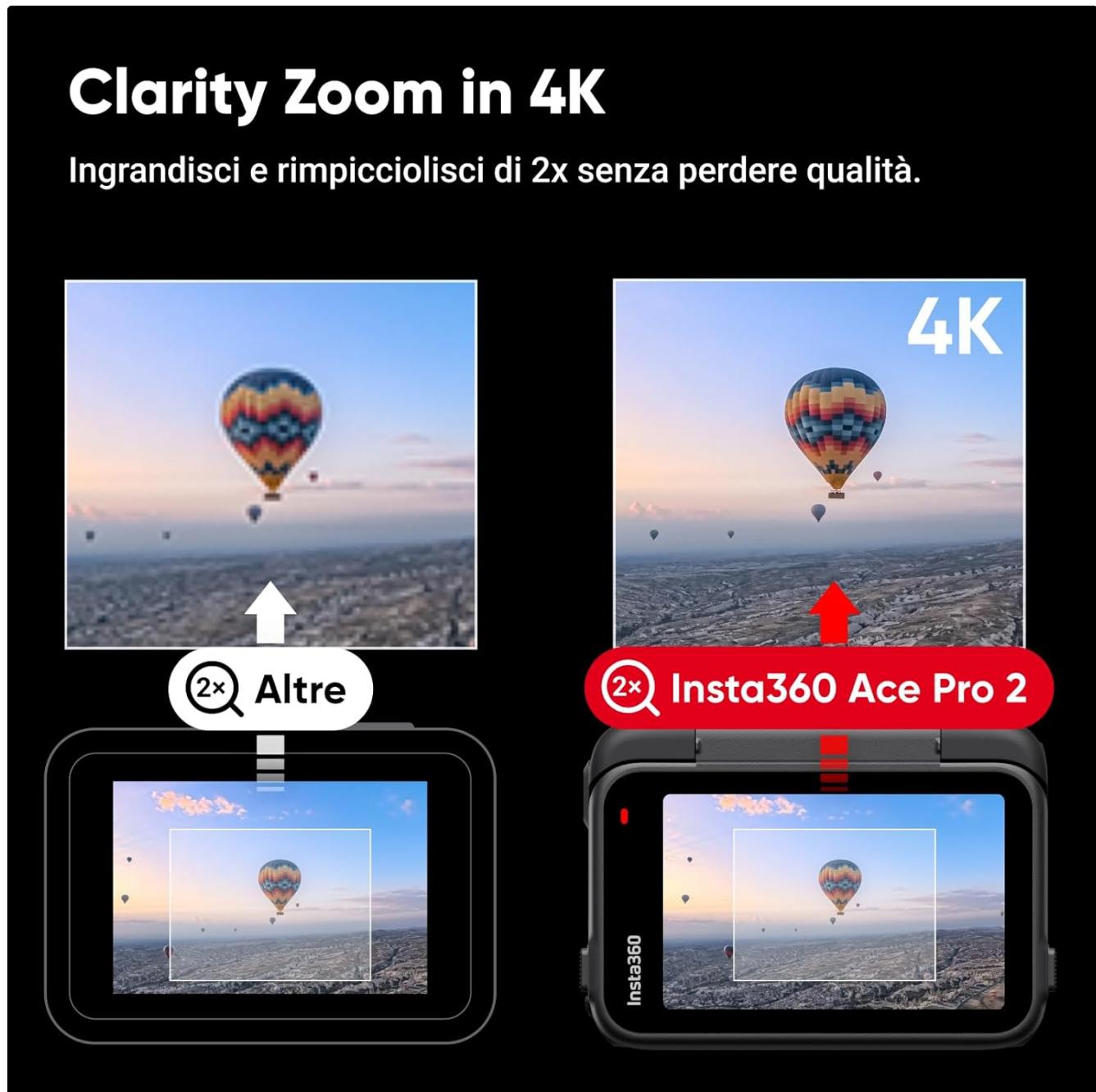
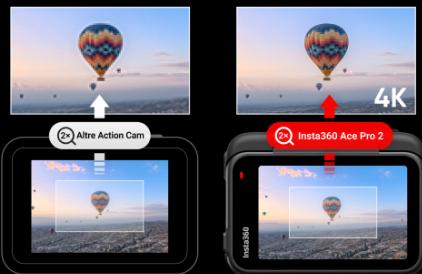


Image: Comparison showing 2x Clarity Zoom in 4K without quality loss, ideal for capturing distant subjects.



SLOW MOTION IN 4K 120FPS

Nitidezza estrema con l'elevato numero di frame rate. Azione più fluida e chiara, Insta360 Ace Pro 2 gestisce ogni scenario d'azione in estrema tranquillità.



CLARITY ZOOM IN 4K

Premi due volte sul touchscreen e ingrandisci 2x senza perdere la qualità dell'immagine. Hai bisogno di un primo piano ma sei troppo lontano? Ci pensa Clarity Zoom.

Image: Demonstrates both slow motion capabilities and Clarity Zoom, highlighting extreme sharpness and ease of use.



ACQUISIZIONE GRANDANGOLARE DI 157°

Ripredi ogni cosa, e poi solo una parte. Un campo visivo più ampio porta le riprese POV a un livello superiore.



MEGAVIEW

Meno distorsione e bordi più definiti. MegaView sblocca un FOV più ampio, mantenendo l'immagine perfetta ed esattamente fedele alla realtà.

Image: Illustrates the 157-degree ultra-wide field of view and MegaView, which reduces distortion for a more realistic image.

Waterproof Design

The camera is waterproof up to 33ft (10m) without additional housing, making it ready for aquatic adventures. With the optional Dive Case, it can go even deeper.



IMPERMEABILE FINO A 12M

Impermeabile fino a 12 m senza protezioni, migliorata rispetto alla Ace Pro (impermeabile fino a 10 m) oppure arriva anche fino a 60 m con il Case Subacqueo.



DESIGN COMPATTO

Prestazioni solide con un robusto touchscreen direzionale e una Protezione Lenti rimovibile.

Image: The Insta360 Ace Pro 2 submerged in water, demonstrating its waterproof capability up to 12 meters (39 feet) without a case.

Long Battery Life & Fast Charging

The 1800mAh battery provides up to 180 minutes of recording time. Fast charging allows the battery to reach 80% in just 18 minutes and 100% in 47 minutes.



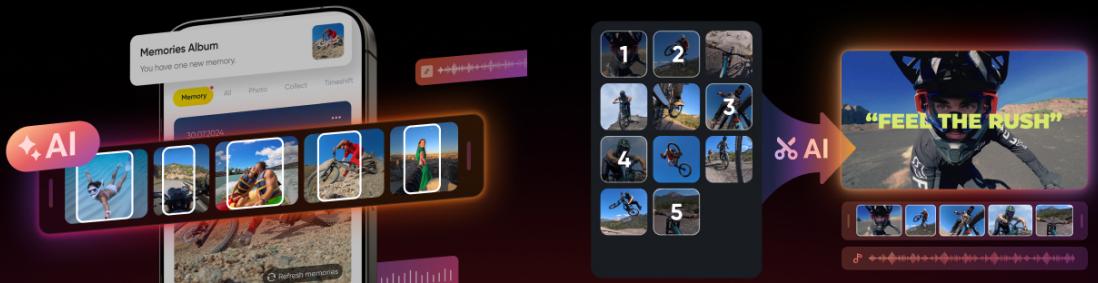
Image: Graphic illustrating the 180-minute battery life and the fast charging capability, reaching 80% in 18 minutes.

AI-Powered Features

Leverage AI for advanced image processing, noise reduction, and smart editing. Features include AI Highlights Assistant, Auto Editing, and Invisible Selfie Stick.



Image: Diagram showing the Pro Imaging Chip and AI Chip, indicating up to 100% increase in processing power and low-light detail.



ASSISTENTE IA

Condividi istantaneamente i tuoi momenti migliori con l'assistente IA. L'IA genera automaticamente editing per te nella sezione Ricordi dell'app Insta360.

AUTO EDITING

L'IA dona vita alle tue riprese con un semplice tocco. Mostra ogni momento emozionante in tutta semplicità.

Image: Visual representation of the AI Assistant generating automatic edits and the Auto Editing feature bringing footage to life with a single tap.

SELFIE STICK INVISIBILE CON IA

Rimuovi completamente il tuo selfie stick dalle riprese nell'app Insta360, pronte sul tuo dispositivo in pochi secondi.



Image: Comparison showing how the AI removes the selfie stick from footage, creating a seamless third-person perspective.

Versatile Mounting System

The magnetic mounting system allows for quick and easy attachment and detachment of accessories, keeping you focused on the action.

Supporto Standard

Installa la videocamera su qualsiasi accessorio per riprese super stabili.



Struttura magnetica resistente e attacco universale a due poli.



Si monta e si smonta in pochi secondi.



Image: The standard mount with its magnetic structure and universal two-prong attachment, showing how it quickly attaches and detaches.

DÌ ADDIO ALLO STITCHING

Passa da un accessorio all'altro grazie al sistema di montaggio magnetico. Sostituisci rapidamente i supporti per rimanere concentrato nell'azione.



Image: Demonstrates the magnetic mounting system, allowing quick transitions between accessories like helmet mounts and bike mounts.

SETUP GUIDE

1. Charging the Battery

Before first use, fully charge the included batteries. Connect the USB-C cable to the camera and a power source. The indicator light will show charging status.

2. Inserting the MicroSD Card

Open the battery compartment cover. Insert the 128GB MicroSD card into the designated slot with the contacts facing the correct direction until it clicks into place. Ensure the card is properly formatted (exFAT recommended) for optimal performance.

3. Attaching Accessories (Bike Kit)

The Bike Pack includes a Flexible Handlebar Mount and a Chest Strap for versatile cycling shots.

- **Flexible Handlebar Mount:** Attach the mount to your bicycle's handlebars. Secure the Insta360 Ace Pro 2 to the mount using its magnetic base. Adjust the camera angle using the flexible arm and the camera's flip screen for optimal framing.
- **Chest Strap:** Wear the chest strap securely. Attach the camera to the chest strap's mounting point. This provides an immersive first-person perspective (POV) for your rides.

Kit Bici

Riprendi la tua pedalata da ogni angolazione.



Montaggio flessibile per manubrio.



Fascia Toracica per riprese POV coinvolgenti.



Image: The Bike Kit in use, showing the flexible handlebar mount and chest strap for capturing cycling footage from various angles.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the Power button (usually on the side) to turn the camera on or off.

2. Basic Recording

Once powered on, tap the record button to start recording. Tap again to stop. Use the touchscreen to navigate modes (Video, Photo, Timelapse, etc.) and adjust settings.

3. Using the Touchscreen

Swipe left/right to switch between shooting modes. Swipe up/down to access settings and playback. Tap on the screen to

adjust exposure, white balance, and other parameters.

4. Voice Control & Gesture Control

The camera supports voice commands for hands-free operation. Simply pronounce commands like "Start recording" or "Take a photo." Gesture control allows you to initiate actions with specific hand movements, even with gloves on.



CONTROLLO DEI GESTI

Riconosce i gesti per facilitare le riprese. Perfetto per le riprese di gruppo in ambienti rumorosi e funziona anche con guanti e casco.



CONTROLLO VOCALE 2.0

Basta semplicemente pronunciare la parola. Il nuovo algoritmo del controllo vocale ti permette di controllare la videocamera quando è fuori portata.

Image: Demonstrates gesture control (hand wave to start recording) and voice control ("Start recording") for convenient camera operation.

5. Dashcam Functionality

Transform your camera into a dashcam. It automatically saves footage based on set storage space, preventing storage issues and ensuring a secure drive.

FUNZIONA ANCHE DA DASHCAM

Trasforma la tua videocamera in una dashcam. Salva automaticamente i filmati in base allo spazio di archiviazione impostato, eliminando i problemi di archiviazione e garantendo un drive sicuro.



Image: A view from a motorcycle, illustrating the camera's use as a dashcam, automatically saving footage.

6. Connecting to the Insta360 App

Download the Insta360 app on your smartphone. Connect the camera via Wi-Fi or Bluetooth for remote control, live preview, and advanced editing features. The app allows for AI-powered editing and multi-cam synchronization.

MOSTRA LE TUE STATISTICHE

Sovrapponi statistiche di app e marchi sportivi di terze parti, tra cui Garmin, Apple, COROS e altri in tempo reale.



Image: Displays how the Insta360 app can overlay statistics from third-party sports brands like Garmin, Apple, and COROS in real-time onto your footage.

SINCRONIZZA COME UN VERO PROFESSIONISTA

Sincronizzazione multi-cam perfetta per flussi di lavoro efficienti e precisi. Supporta sia Final Cut Pro che Adobe Premiere Pro.

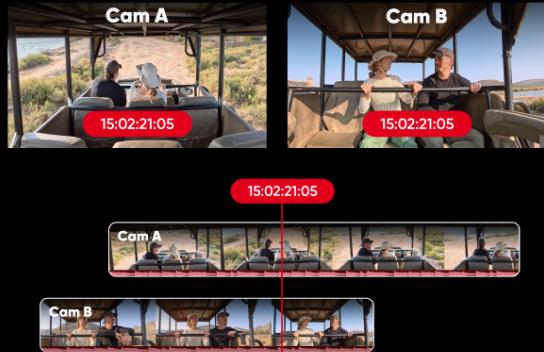


Image: Illustrates perfect multi-cam synchronization for efficient and precise workflows, supporting Final Cut Pro and Adobe Premiere Pro.

UNA SINGOLA RIPRESA IN DIVERSI FORMATI

Ripredi con la consapevolezza e la libertà di esportare in qualsiasi formato. Condividi sui social media in formato orizzontale e verticale per sfruttare al massimo ogni clip!



Image: Shows how a single shot can be exported in various formats (9:16, 16:9, 1:1) for different social media platforms.

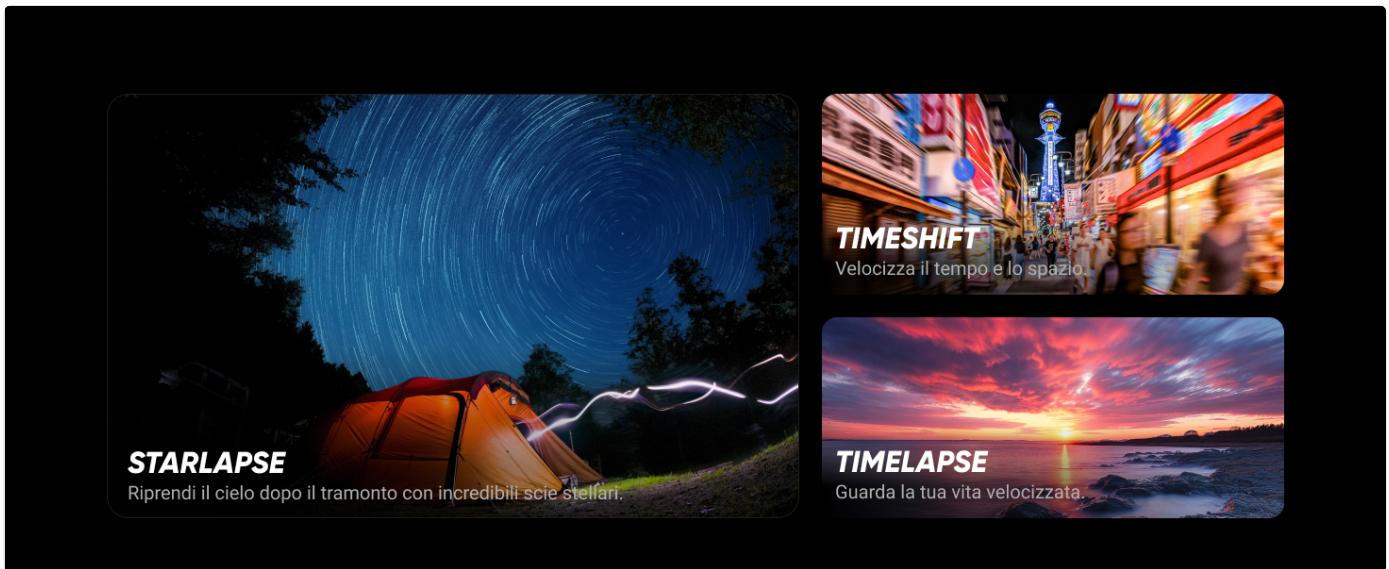


Image: Examples of creative shooting modes: Starlapse for star trails, TimeShift for speeding up time and space, and Timelapse for accelerated video.

MAINTENANCE

1. Cleaning the Camera

Wipe the camera body with a soft, damp cloth. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive materials or harsh chemicals.

2. Battery Care

Store batteries in a cool, dry place. Do not expose them to extreme temperatures. If storing for extended periods, charge them to about 50% to prolong their lifespan.

3. MicroSD Card Management

Regularly back up your footage and format the MicroSD card in the camera to maintain optimal recording performance.

4. Waterproof Seal Inspection

Before each use in water, inspect the battery compartment and port covers to ensure they are clean and properly sealed. Remove any debris that might compromise the waterproof integrity.

TROUBLESHOOTING

Camera Not Turning On

Ensure the battery is fully charged. Try a different battery if available. If the issue persists, perform a hard reset by holding the power button for 10 seconds.

Recording Stops Unexpectedly

Check the MicroSD card. Ensure it is a high-speed card (UHS-I Speed Class 3 or V30 recommended) and has sufficient free space. Format the card if necessary. Overheating can also cause recording to stop; allow the camera to cool down.

Poor Image Quality / Blurry Footage

Clean the lens thoroughly. Ensure proper lighting conditions. Check if the camera settings (resolution, frame rate) are appropriate for your environment. Verify that FlowState Stabilization is enabled for smooth footage.

Wi-Fi / Bluetooth Connection Issues

Ensure the Insta360 app is updated to the latest version. Restart both the camera and your smartphone. Try resetting the camera's Wi-Fi/Bluetooth settings.

Audio Distortion / Wind Noise

Ensure the pre-installed wind cover is properly in place. For very windy conditions, consider using an external microphone with the microphone adapter (sold separately) for clearer audio.

Image: A motorcycle rider with the camera, illustrating how the wind cover reduces noise for superior audio quality.

SPECIFICATIONS

Feature	Detail
Brand	Insta360
Model Number	CINSBBGA
Sensor Technology	CMOS (1/1.3" sensor)
Video Capture Resolution	8K
Max Focal Length	30 Millimeters
Max Aperture	f/2.6
Flash Memory Type	Micro SD
Video Capture Format	MP4
Supported Audio Format	AAC
Screen Size	2.5 Inches (directional touchscreen)
Connectivity Technology	USB, HDMI
Waterproof Depth	Up to 10m (33ft) without case
Battery Type	AAA (2 required, included) - <i>Note: This seems incorrect based on battery life and typical action cam batteries. Assuming it's a typo in source data and it's a rechargeable Li-ion battery.</i>
Battery Capacity	1800mAh
Dimensions	30.4 x 20.4 x 16.21 cm; 1.53 kg

Country of Origin	China
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Note: The specification for "Pile" (Batteries) states "2 AAA pile necessarie. (incluso)". This is likely an error in the source data, as action cameras typically use rechargeable lithium-ion batteries, and the battery capacity is listed as 1800mAh.

WARRANTY AND SUPPORT

Warranty Information

If you wish to return a product within 30 days of receipt because you have changed your mind, please consult the return policy on the retailer's website. If you have received a defective or damaged product, please refer to the retailer's help page on defective or damaged products. For specific information on purchases made on the Marketplace, consult the retailer's help page on Marketplace purchases.

The product is verified by Transparency, meaning each item has a unique code verified before shipment.

Software Updates

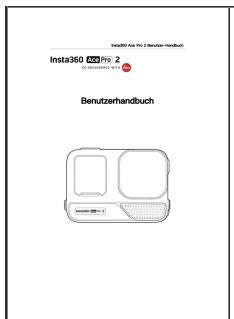
Guaranteed software updates are available, though the specific end date is unknown. Please check the official Insta360 website or app for the latest firmware updates to ensure optimal performance and access to new features.

Customer Support

For further assistance, technical support, or service inquiries, please visit the official Insta360 support website or contact their customer service directly. You can also visit the [Insta360 Store on Amazon](#) for product information and resources.

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Related Documents - CINSBBGA

	<p>Insta360 Ace Pro 2 Benutzer-Handbuch: Ihr Leitfaden zur Bedienung und Wartung Entdecken Sie das Insta360 Ace Pro 2 Action-Kamera mit diesem umfassenden Benutzerhandbuch. Erfahren Sie mehr über Einrichtung, Funktionen, Zubehör und Pflege für optimale Leistung.</p>
	<p>Insta360 Ace Pro 2 - Manuale Utente Guida completa al manuale utente della videocamera d'azione Insta360 Ace Pro 2, co-ingegnerizzata con Leica. Copre configurazione, utilizzo, funzionalità avanzate e manutenzione.</p>

 <p>Insta360 Ace Pro 2 User Manual User Manual</p>	<p><u>Insta360 Ace Pro 2 User Manual - Comprehensive Guide</u></p> <p>Detailed user manual for the Insta360 Ace Pro 2 camera, covering setup, features, accessories, maintenance, and troubleshooting. Learn how to use your Insta360 Ace Pro 2 effectively.</p>
 <p>Insta360 Ace Pro 2 User Manual Manuale Utente</p>	<p><u>Insta360 Ace Pro 2: Manuale Utente Ufficiale</u></p> <p>Guida completa al manuale utente per la videocamera Insta360 Ace Pro 2, co-ingegnerizzata con Leica. Copre installazione, utilizzo, accessori, manutenzione e funzionalità avanzate per ottenere il massimo dalle tue riprese.</p>
 <p>Insta360 Ace Pro 2 User Manual User Manual</p>	<p><u>Insta360 Ace Pro 2 User Manual: Setup, Features, and Operation</u></p> <p>Comprehensive user manual for the Insta360 Ace Pro 2 action camera, covering setup, accessories, features like Clarity Zoom and GPS Activity Stats, maintenance, and troubleshooting.</p>
 <p>Insta360 Ace Pro 2 User Manual User Manual</p>	<p><u>Insta360 Ace Pro 2 User Manual - Comprehensive Guide</u></p> <p>Explore the Insta360 Ace Pro 2 user manual for detailed instructions on setup, usage, features, and maintenance. Learn about accessories, charging, and connecting to the Insta360 app.</p>