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Insta360 X3

Insta360 X3 Action Camera User Manual

Model: X3

INTRODUCTION

The Insta360 X3 is a versatile 360-degree action camera designed to capture immersive video and photos. It features 5.7K 360 Active HDR video, 4K single-lens mode, FlowState Stabilization, and a 2.29-inch touchscreen. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Insta360 X3 camera.

PACKAGE CONTENTS

Verify that all items are present in your Insta360 X3 package:

- 1x Insta360 X3 Camera
- 1x Charge Cable
- 1x Protective Pouch
- 1x Lens Cloth
- 1x User Guide (this document)

SETUP

1. Charging the Battery

Before first use, fully charge the Insta360 X3 battery using the provided USB-C cable and a compatible power adapter (not included). The indicator light will show charging status.

2. Inserting a MicroSD Card

The Insta360 X3 requires a MicroSD card (not included) to store footage. Open the side door, insert the MicroSD card with the contacts facing the front of the camera until it clicks into place. Ensure the card is a V30 or higher speed class for optimal performance.

3. Firmware Update

It is recommended to update your camera's firmware to the latest version for optimal performance and compatibility with accessories. Visit the official Insta360 website to download the latest firmware and follow the instructions provided. For specific accessory firmware updates, refer to the relevant accessory's guide.

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Video: Tutorial on updating firmware and using the X3 Invisible Dive Case.

BASIC OPERATION

Power On/Off

- **Power On:** Press the Power button once.
- **Power Off:** Long-press the Power button.

Start/Stop Recording

- **Start Recording:** Press the Shutter button (Q button) once.
- **Stop Recording:** Press the Shutter button (Q button) once again.

Switching Modes

When the camera is powered on and in preview mode, press the Power button once to enter the mode-switching page. Press the Power button again to browse different shooting modes. Press the Q button once to select a mode. Double-press the Q button to quickly switch between single-lens and 360 modes.

KEY FEATURES

5.7K 360 Capture & Reframing

The Insta360 X3 captures immersive 5.7K 360-degree video, allowing you to choose your favorite angles after recording using the AI-powered Insta360 app. This "shoot first, frame later" approach ensures you never miss a moment.

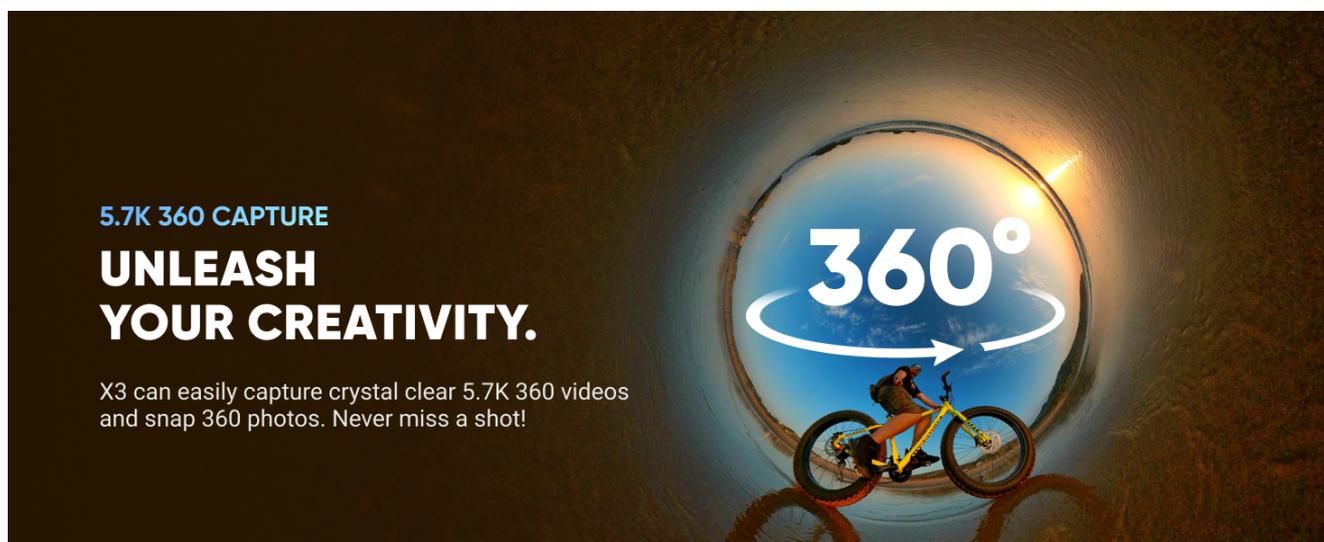


Image: The Insta360 X3 captures 5.7K 360 video, allowing for flexible reframing.

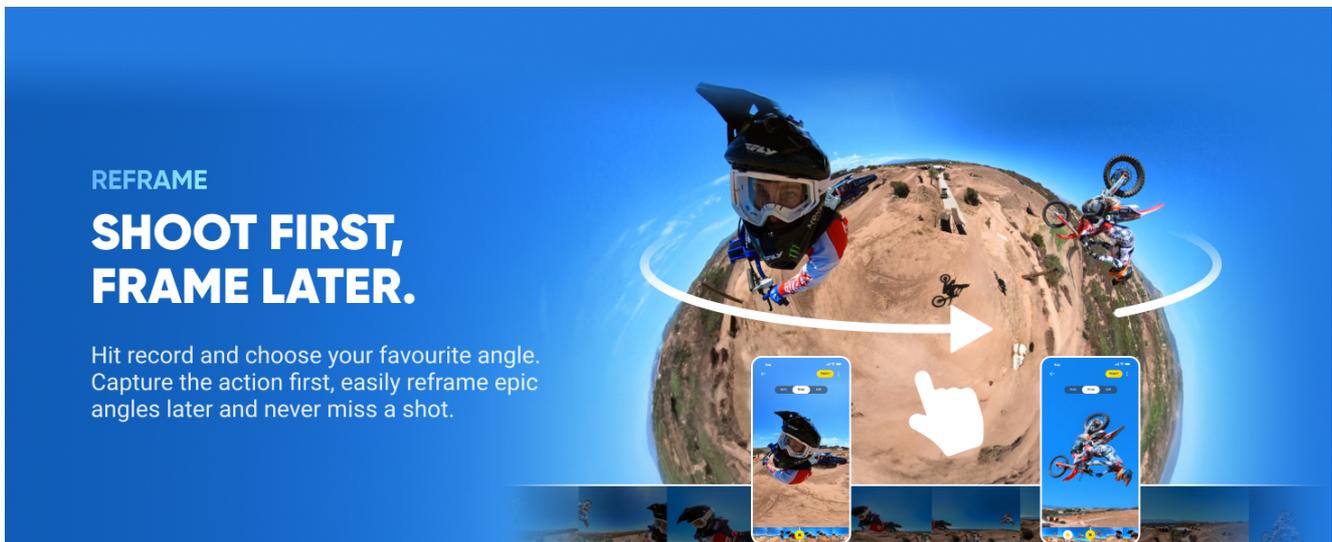


Image: The Insta360 app provides tools to reframe 360 footage after capture.

4K Wide-Angle Shots

For traditional action camera footage, the X3 offers a 4K30fps single-lens mode. You can also utilize the 2.7K60fps MaxView for an ultra-wide 170-degree field of view.

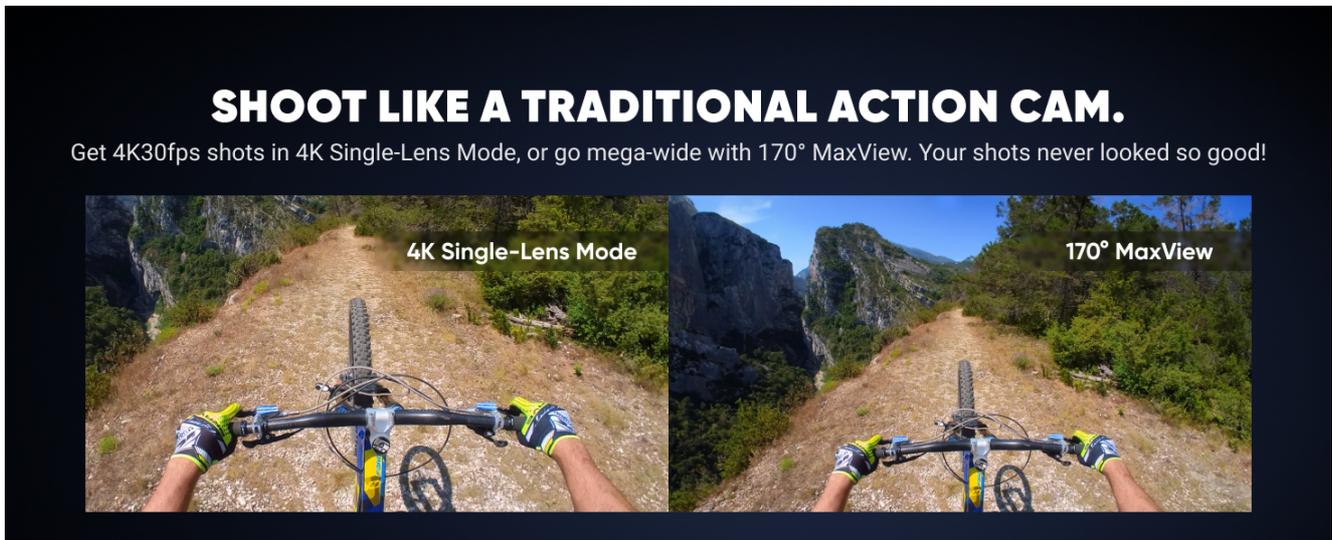


Image: The X3 offers both 4K single-lens and 170-degree MaxView options for wide-angle shots.

FlowState Stabilization & Horizon Lock

Achieve incredibly smooth videos with FlowState Stabilization and 360 Horizon Lock. These technologies work together to keep your footage stable and level, even in dynamic environments.



Image: FlowState Stabilization ensures steady video capture.

Invisible Selfie Stick

The Invisible Selfie Stick feature makes the selfie stick disappear from your shots, enabling unique third-person perspectives and aerial-like footage without the need for a drone. Me Mode allows shooting up to 60fps while keeping you in frame.

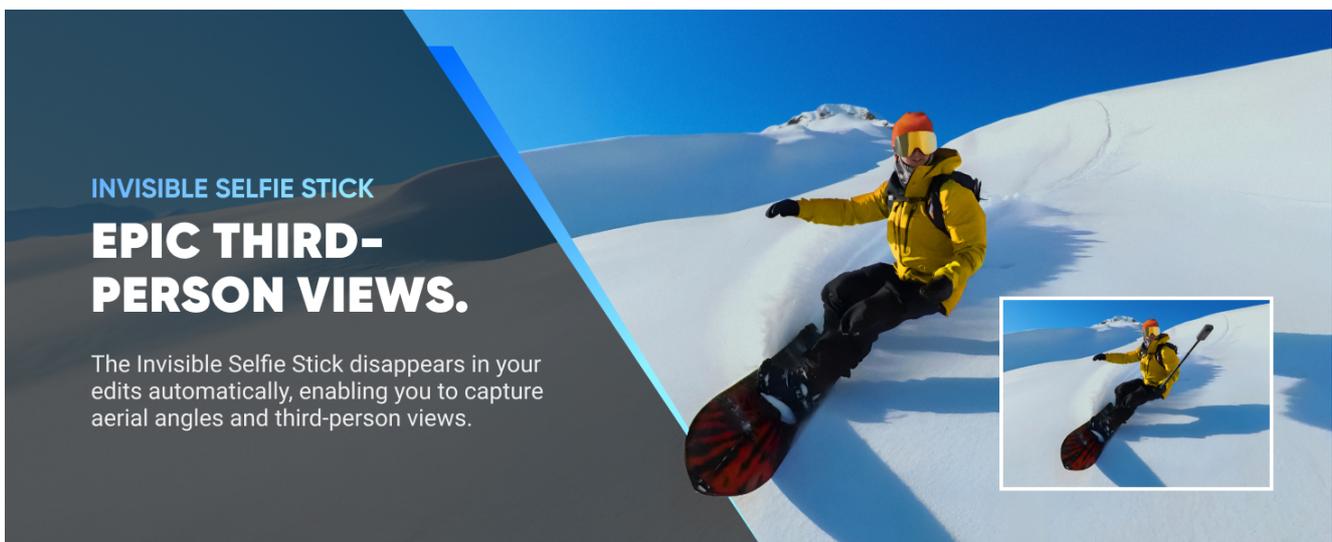


Image: The Invisible Selfie Stick creates unique third-person perspectives.

AI Editing

Utilize the Insta360 app's AI editing features, including Auto Frame and Deep Track 2.0, to automatically find and reframe the best parts of your 360 videos. Shot Lab offers templates for quick and creative edits.

AI EDITING

LET AI FIND THE SHOTS.

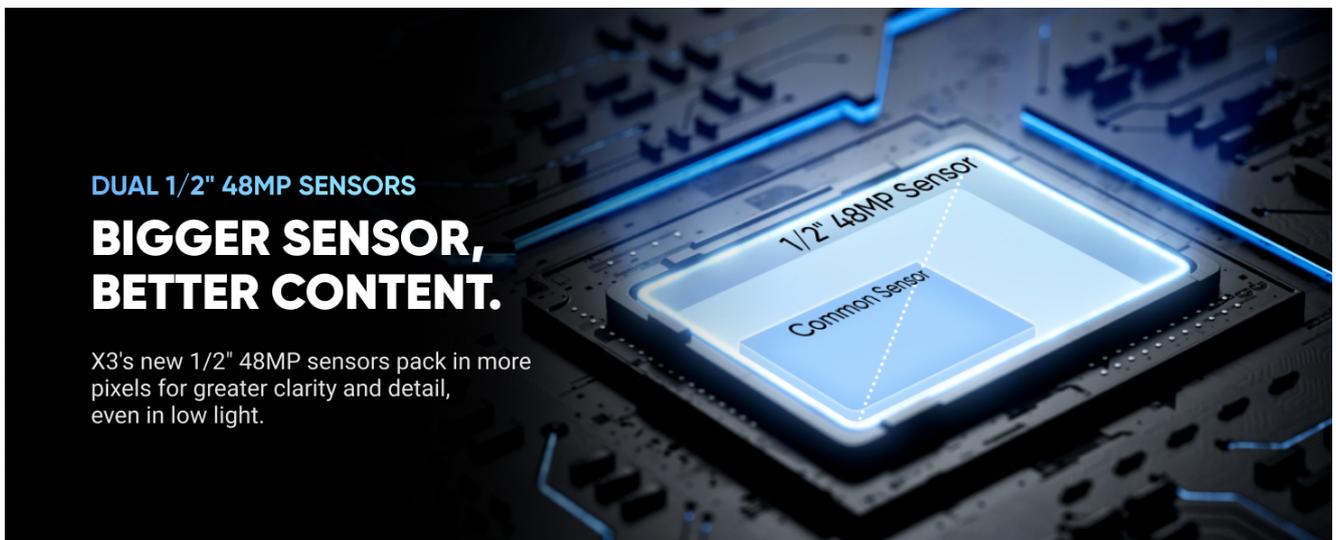
Auto Frame uses AI to easily find the epic parts of your 360 videos for you, giving you a range of reframed clips to choose from.



Image: AI Auto Frame helps identify and select key moments in your footage.

Dual 1/2" 48MP Sensors

Equipped with new dual 1/2" 48MP sensors, the X3 delivers improved clarity and detail in videos, even in low-light conditions.



DUAL 1/2" 48MP SENSORS

BIGGER SENSOR, BETTER CONTENT.

X3's new 1/2" 48MP sensors pack in more pixels for greater clarity and detail, even in low light.

Image: Dual 1/2" 48MP sensors enhance video quality, especially in low light.

72MP 360 Photo

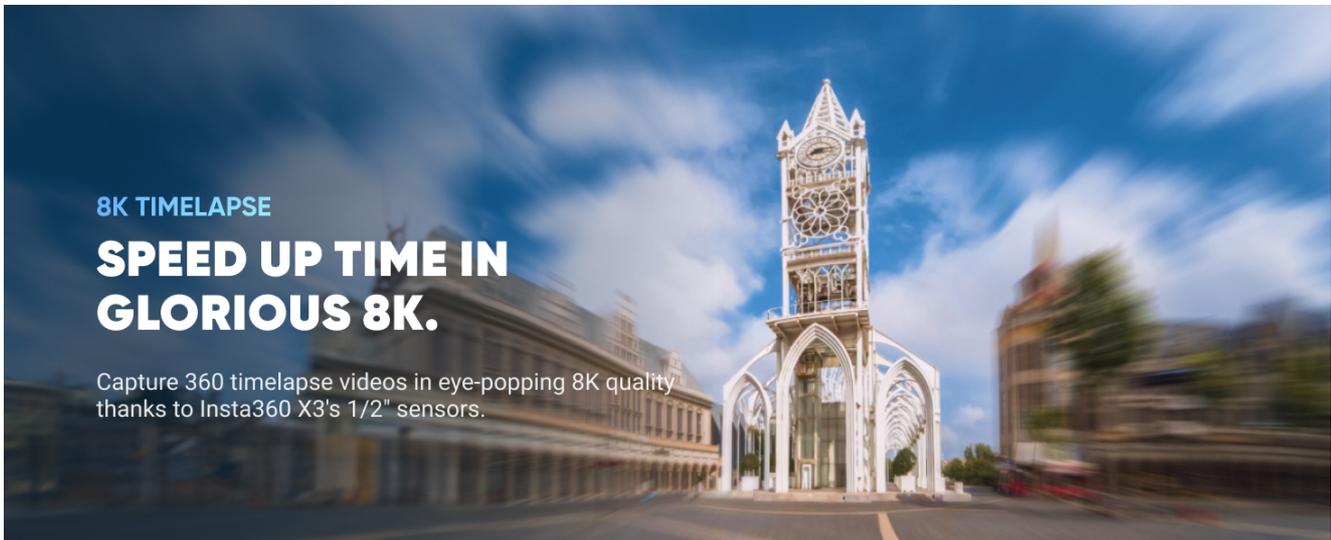
Capture high-resolution 72MP 360-degree photos with a single press of a button, ensuring every detail is preserved.



Image: The X3 captures detailed 72MP 360 photos.

8K 360 Timelapse

Create stunning 8K 360 timelapse videos, perfect for showcasing dynamic scenes with incredible resolution.



8K TIMELAPSE

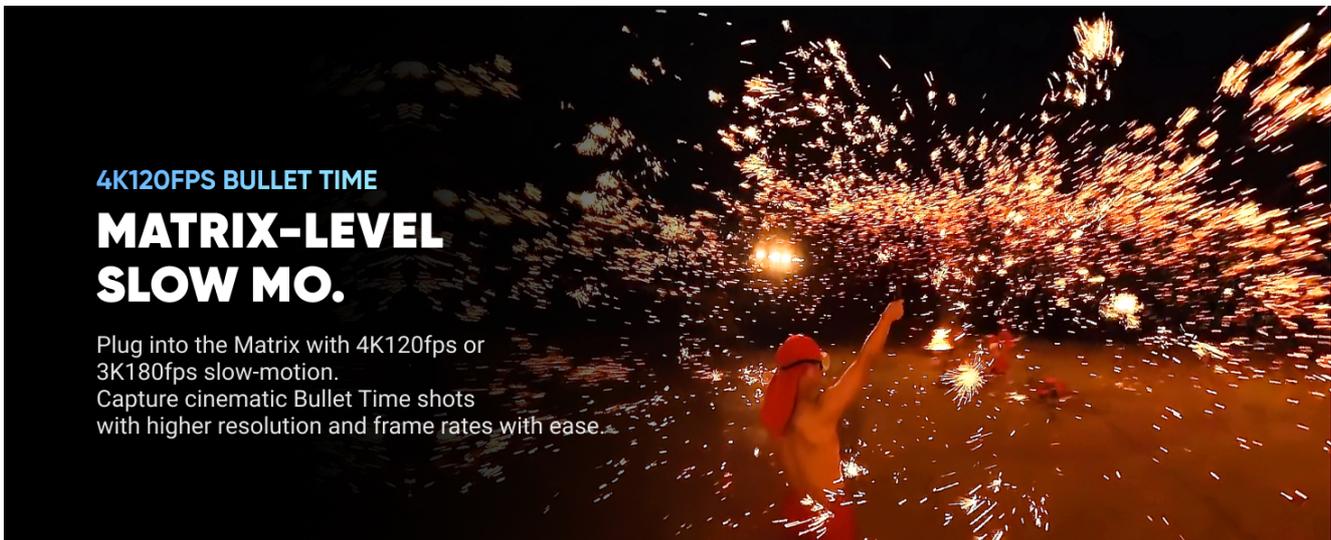
SPEED UP TIME IN GLORIOUS 8K.

Capture 360 timelapse videos in eye-popping 8K quality thanks to Insta360 X3's 1/2" sensors.

Image: Create high-resolution 8K 360 timelapses.

4K120fps Bullet Time

Achieve cinematic Bullet Time shots with 4K120fps or 3K180fps slow-motion, adding a dramatic effect to your videos.



4K120FPS BULLET TIME

MATRIX-LEVEL SLOW MO.

Plug into the Matrix with 4K120fps or 3K180fps slow-motion. Capture cinematic Bullet Time shots with higher resolution and frame rates with ease.

Image: The X3 supports 4K120fps Bullet Time for cinematic slow-motion effects.

2.29" Touchscreen

The camera features a large, ultra-bright 2.29-inch touchscreen with tempered glass protection for easy preview and playback of your footage.

MASSIVE TOUCHSCREEN

EASY PREVIEW AND PLAYBACK.

The ultra-bright 2.29" touchscreen with robust tempered glass protection. Designed for crystal clear photo and video preview.

2.29"



Image: The large touchscreen allows for easy preview and playback.

1800mAh Battery

The X3 is equipped with an 1800mAh battery, providing extended shooting time to capture all your adventures.

1800MAH BATTERY

SHOOT LONGER.

Power through the action with the new 1800mAh battery, now with even more capacity.

1800 mAh



Image: The 1800mAh battery provides longer usage time.

Easy Controls

The camera features easy-to-use buttons with responsive vibration feedback, allowing for control even while wearing gloves.

EASY CONTROLS

CONTROL THE ACTION.

Easy to use buttons with responsive vibration feedback. It even works with gloves!



Image: The X3's buttons are designed for easy operation, even with gloves.

Rugged & Waterproof

The Insta360 X3 is durable and waterproof down to 33ft (10m) right out of the box. For deeper dives, it can be used with the X3 Dive Case, extending waterproofing down to 164ft (50m).

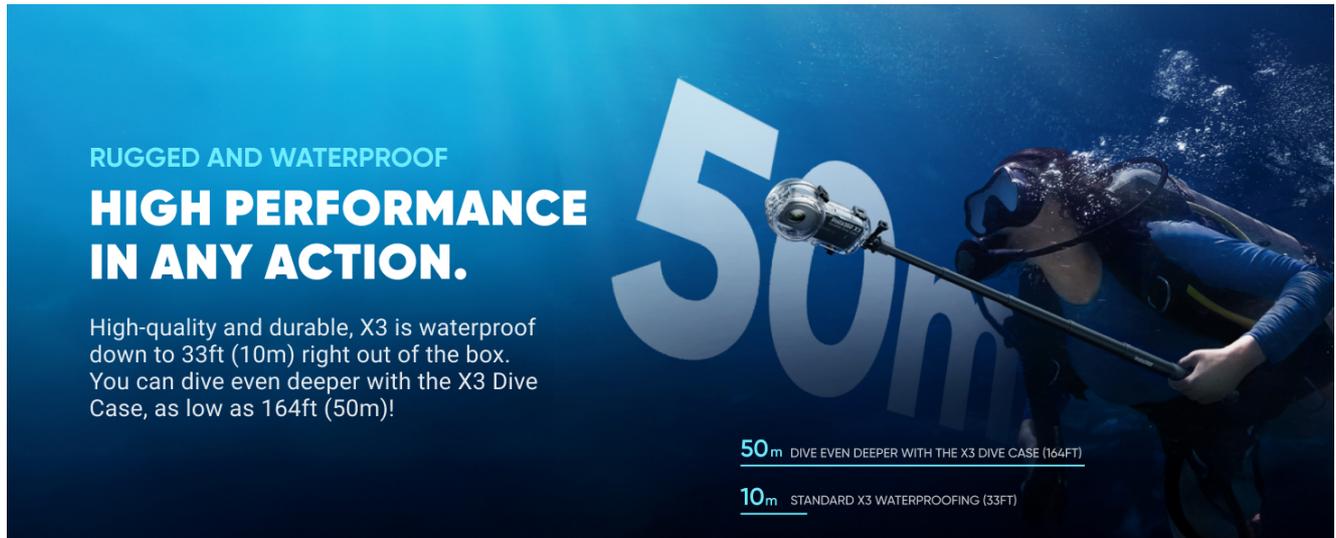


Image: The X3 is waterproof and can be used with a dive case for deeper underwater activities.

CONNECTING TO A PC FOR FILE TRANSFER

To transfer files from your Insta360 X3 to a computer, first ensure the camera's USB Mode is set to "U-Disk Mode" via the camera settings. Then, connect the camera to your PC using the official USB-C cable. The camera will appear as a removable disk drive, allowing you to copy your files. For editing, download and install the Insta360 Studio software from the official Insta360 website.

Your browser does not support the video tag.

Video: Instructions on how to connect the Insta360 X3 to a PC for file transfer and editing.

MAINTENANCE

- **Lens Care:** Always use the provided lens cloth to clean the camera lenses. Avoid using abrasive materials or chemicals. For added protection, use a lens cap or protective cover when not in use.
- **Waterproofing:** Ensure all ports and battery compartments are securely closed before exposing the camera to water. After use in saltwater, rinse the camera with fresh water and dry thoroughly.
- **Storage:** Store the camera in its protective pouch in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

- **Camera Not Turning On:** Ensure the battery is charged. Connect to a power source and try again.

- **Recording Issues:** Check if the MicroSD card is inserted correctly and has sufficient free space. Ensure the card meets the recommended speed class (V30 or higher).
- **Overheating:** In warm conditions or during extended high-resolution recording, the camera may temporarily shut down to prevent overheating. Allow it to cool down before resuming use.
- **Stitching Issues in 360 Footage:** Ensure the Invisible Selfie Stick is correctly aligned with the camera's lenses to minimize stitching errors.

SPECIFICATIONS

Feature	Detail
Brand	Insta360
Item Weight	1.12 pounds
Package Dimensions	9.21 x 5.28 x 3.31 inches
Item Model Number	CINSAAQ/B-ST
Batteries	1 Lithium Polymer battery required
Color Name	Black
Special Features	4K Single-Lens Mode, 5.7K Active HDR 360 Video, 72MP Photo, FlowState Stabilization, Time Lapse
Photo Sensor Technology	CMOS
Video Capture Resolution	5.7K
Maximum Focal Length	6.7 Millimeters
Maximum Aperture	2 f
Flash Memory Type	Micro SD
Video Capture Format	MP4
Supported Audio Format	Mp4
Screen Size	2.3 Inches
Connectivity Technology	USB

WARRANTY AND SUPPORT

The Insta360 X3 comes with a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the official Insta360 website or the warranty card included in your package. For technical support, product inquiries, or service, please visit the Insta360 Official Store website or contact their customer service.

Online Support: www.insta360.com/support
