KanDao EGO

Kandao QooCam EGO 3D Camera User Manual

Model: EGO

INTRODUCTION

This manual provides essential information for the safe and effective operation of your Kandao QooCam EGO 3D Camera. Please read this guide thoroughly before using the device to ensure optimal performance and to understand its features and functions. The QooCam EGO is designed to capture immersive 3D videos and photos, offering a unique perspective on your experiences.

PRODUCT OVERVIEW

Components

Figure 1: Kandao QooCam EGO 3D Camera. The front features two camera lenses for stereo capture. On the top surface, a power button and a mode button are visible, along with a speaker grille. The rear section includes two eyepieces for the integrated 3D viewer. The camera body is black with orange accents on the sides and top.

- **Dual Lenses:** For capturing stereoscopic 3D images and videos.
- **Integrated 3D Viewer:** Allows for immediate playback and viewing of 3D content directly on the device.
- **Power Button:** Controls device power on/off.
- **Mode Button:** Switches between different shooting modes.
- **2.54" Touchscreen:** For intuitive control and clear previews.
- **Microphone/Speaker:** For audio recording and playback.
- **Battery Compartment:** Houses the replaceable 1340mAh battery.
- **Memory Card Slot:** For storage of captured media.

Key Features

- **Immersive 3D Videos:** Captures Side-by-Side 3D videos at 3840x1080 resolution at up to 60fps.
- **Superior Image Quality:** F1.8 aperture and 37 PPD (Pixels Per Degree) for crisp and vibrant visuals.
- **Enhanced Stabilization:** Built-in 6-axis gyroscope with IMU anti-shake technology for smooth footage.
- **Extended Battery Life:** Features a replaceable 1340mAh battery for prolonged shooting.
- **User-Friendly Design:** Integrated 2.54" touchscreen with 1600x1440 resolution and 847 PPI.
- **Optical Correction Algorithm:** Optimizes details for incredible depth and realness.

- **Creative Filters & Stickers:** Multiple 3D filters and stickers to enhance footage.
- **Sharing Capabilities:** In-cam Video-talkie 3D chatroom and online cloud storage for EGO to EGO sharing.

SETUP

1. **Charge the Battery:** Before first use, fully charge the camera's replaceable 1340mAh battery using a compatible USB charger. The charging indicator will typically change color or turn off when charging is complete.
2. **Insert Memory Card:** Open the memory card slot cover and insert a compatible microSD card (not included) with sufficient storage capacity. Ensure the card is inserted in the correct orientation until it clicks into place.
3. **Power On:** Press and hold the Power Button located on the top of the camera until the screen illuminates.
4. **Initial Setup:** Follow the on-screen prompts to set language, date, time, and other initial preferences.

OPERATING INSTRUCTIONS

Capturing Photos and Videos

1. **Select Mode:** Press the Mode Button or use the touchscreen to select between photo and video capture modes.
2. **Frame Your Shot:** Use the integrated 3D viewer or the touchscreen display to compose your shot.
3. **Record/Capture:** Press the Shutter Button (often integrated with the Power Button or a dedicated button) to start/stop video recording or to take a photo.
4. **Viewing Content:** Access the gallery via the touchscreen to review your captured 3D photos and videos. Use the integrated 3D viewer for an immersive playback experience.

Advanced Features

- **3D Filters and Stickers:** Navigate through the camera's menu on the touchscreen to apply various 3D filters and stickers to your footage before or after capture.
- **Stabilization:** The camera features a 6-axis gyroscope with IMU anti-shake technology, which automatically works to stabilize your footage during recording.
- **Sharing:** Utilize the in-cam Video-talkie 3D chatroom for direct sharing or upload your content to the online cloud storage system for EGO to EGO sharing. Refer to the camera's software manual for detailed instructions on connecting to online services.

MAINTENANCE

- **Battery Care:**

  - Always use the original or a certified compatible charger.
  - Avoid exposing the battery to extreme temperatures.
  - If the battery is replaceable, ensure proper insertion and removal.

- **Cleaning:**

  - Use a soft, lint-free cloth to clean the camera body and screen.
  - For lenses, use a specialized lens cleaning cloth and solution to avoid scratches.
  - Do not use harsh chemicals or abrasive materials.

- **Firmware Updates:** Periodically check the official KanDao website for firmware updates. Updates can improve performance, add features, and resolve issues. Follow the instructions provided by KanDao for safe firmware installation.

- **Storage:** Store the camera in a cool, dry place away from direct sunlight and moisture when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera does not power on.	Battery is depleted or not properly inserted.	Charge the battery fully. Ensure the battery is correctly seated in its compartment.
Focus issues (one eye blurry).	Potential calibration issue or hardware malfunction.	Restart the camera. Check for and install any available firmware updates. If the problem persists, contact KanDao support.
Short battery life.	Battery degradation, frequent use of power-intensive features, or cold environment.	Ensure the battery is fully charged. Reduce screen brightness or disable unnecessary features. Consider replacing the battery if it's old.
Camera overheats during use.	Prolonged recording, high ambient temperature, or intensive processing.	Allow the camera to cool down. Avoid continuous long recordings in hot environments. Ensure proper ventilation around the device.
Cannot download photos/videos to computer.	Software incompatibility, missing drivers, or corrupted files.	Ensure you are using the latest version of KanDao's desktop software. Check USB cable connection. Try transferring files directly from the microSD card.

SPECIFICATIONS

- **Product Dimensions:** 3 x 2 x 1 inches
- **Item Weight:** 1 pounds
- **Model Name:** QooCam EGO, Real 3D
- **Brand:** KanDao
- **Aspect Ratio:** 16:9
- **Photo Sensor Technology:** CMOS
- **Supported File Format:** JPEG (for photos)
- **Image Stabilization:** Digital (6-axis gyroscope with IMU anti-shake)
- **Maximum Focal Length:** 70 Millimeters
- **Exposure Control Type:** Automatic
- **Form Factor:** Ultracompact
- **Special Feature:** Lightweight
- **Battery:** Replaceable 1340mAh
- **Screen:** 2.54" Touchscreen, 1600x1440 resolution, 847 PPI
- **3D Viewer Resolution:** 37 PPD
- **Video Resolution:** 3840x1080@60FPS (Side-by-Side 3D)
- **Aperture:** F1.8

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official KanDao website. KanDao provides customer support for technical assistance, troubleshooting, and service inquiries.

Related Documents - EGO

[QooCam Studio: Camera Recalibration Guide](#)
Learn how to recalibrate your QooCam camera using QooCam Studio software. This guide covers installation, photo and video calibration methods, and updating parameters to your camera.

[Kandao QooCam EGO User Manual](#)
Comprehensive user manual for the Kandao QooCam EGO camera, detailing setup, operation, features, safety instructions, and specifications for immersive content creation.

[QooCam 3 User Manual: Setup, Operations, and Specifications](#)
Comprehensive user manual for the Kandao QooCam 3, detailing setup, charging, firmware updates, operations, maintenance, and technical specifications for this advanced camera.

[Kandao QooCam 3 User Manual: Your Guide to 360° Photography and Videography](#)
This user manual provides comprehensive instructions for the Kandao QooCam 3, covering setup, operation, charging, firmware updates, and maintenance for capturing high-quality 360-degree photos and videos.

Kandao Meeting Omni KANDAO User Guide / 说明书 / 取扱説明書	[Kandao Meeting Omni User Guide: Setup and Operation](#) Comprehensive user guide for the Kandao Meeting Omni, detailing setup, connection, authorization, and operational features for enhanced conference experiences.
Kandao Meeting Ultra Quick Start Guide / 快速入门指南 快速入門指南 / クイックスタートガイド KANDAO	[Kandao Meeting Ultra Quick Start Guide](#) A quick start guide for the Kandao Meeting Ultra, detailing its features, packing list, button functions, ports, and setup for standalone and USB modes.