

Illuma User Manual

Introduction

Illuma is an AI-powered application that allows users to capture complete group photos, including the photographer, without the need for additional equipment or manual editing. Using advanced image processing and blending techniques, Illuma creates seamless and natural-looking group photos.

Getting Started

System Requirements

For Users:

- **Device:** Android 8.0 (Oreo) or later, iOS 12.0 or later
- **Camera:** Minimum 12 MP
- **RAM:** At least 4 GB
- **Storage:** 200 MB free space

Installation

1. Download Illuma from the **Google Play Store** or **Apple App Store**.
 2. Install the application following the prompts.
 3. Open Illuma and allow necessary permissions, including camera and storage access.
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Using Illuma

1. Capturing Photos

1. Open the Illuma app and tap "**Capture Group Photo**".
 - Frame the group without the photographer and capture the photo.
2. Tap "**Capture Photographer Photo**".
 - Include the photographer in the same frame and capture the photo.
 - Ensure both photos are taken from the same angle for accurate merging.

2. Processing the Photos

- After capturing the two photos, Illuma automatically processes them:
 - Aligning both images for consistent perspective.
 - Using AI to detect and segment individuals.
 - Blending the images to produce a seamless final photo.

3. Previewing the Final Photo

- The merged photo is displayed in the preview screen.
 - Options include:
 - **Save Photo:** Save the image to your device.
 - **Retake:** Capture new photos if necessary.
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Features and Options

Settings

- **Image Quality:** Adjust resolution (HD or FullHD).
- **Storage:** Choose between local and cloud storage.
- **Theme:** Switch between light and dark mode.

Gallery

- Access saved photos from the Gallery section.
- Options include viewing, sharing, or deleting photos.

Advanced Options

- Real-time adjustments to camera settings during photo capture.
 - Comparison view between original input images and the final merged image.
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Tips for Best Results

1. Ensure the photos are captured from the same angle and position.
 2. Use adequate lighting for both captures.
 3. Avoid overlapping individuals to ensure a clean blend.
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Troubleshooting

1. **Alignment Issues:** Ensure both photos have the same background perspective.
 2. **Blending Errors:** Check for significant differences in lighting or angle.
 3. **App Crashes:** Ensure your device meets the minimum requirements and has sufficient storage.
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Support

For additional help or feedback, contact the Illuma support team via:

- **Email:** vishwshubham62.com