

Lenovo ZA3A0011JP

Lenovo VR180 Mirage Camera with Daydream User Manual

Model: ZA3A0011JP

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Lenovo VR180 Mirage Camera with Daydream. Please read this manual thoroughly before operating the device and retain it for future reference. The Lenovo VR180 Mirage Camera is designed to capture immersive 180-degree virtual reality photos and videos, offering a unique perspective for your content.

2. SAFETY INFORMATION

- Do not expose the camera to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the camera to strong impacts.
- Keep the camera away from water and other liquids.
- Do not attempt to disassemble or modify the camera. This will void the warranty.
- Use only approved accessories and power adapters.
- Clean the lenses and camera body with a soft, dry cloth. Avoid abrasive materials.

3. PACKAGE CONTENTS

Verify that all items are present in your product package:

- Lenovo VR180 Mirage Camera
- USB Type-C Cable
- Quick Start Guide
- Safety and Warranty Information

4. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your Lenovo VR180 Mirage Camera.



Figure 4.1: Angled view of the Lenovo VR180 Mirage Camera.



Figure 4.2: Side view of the camera, showing the power button, function switch, and status indicator.

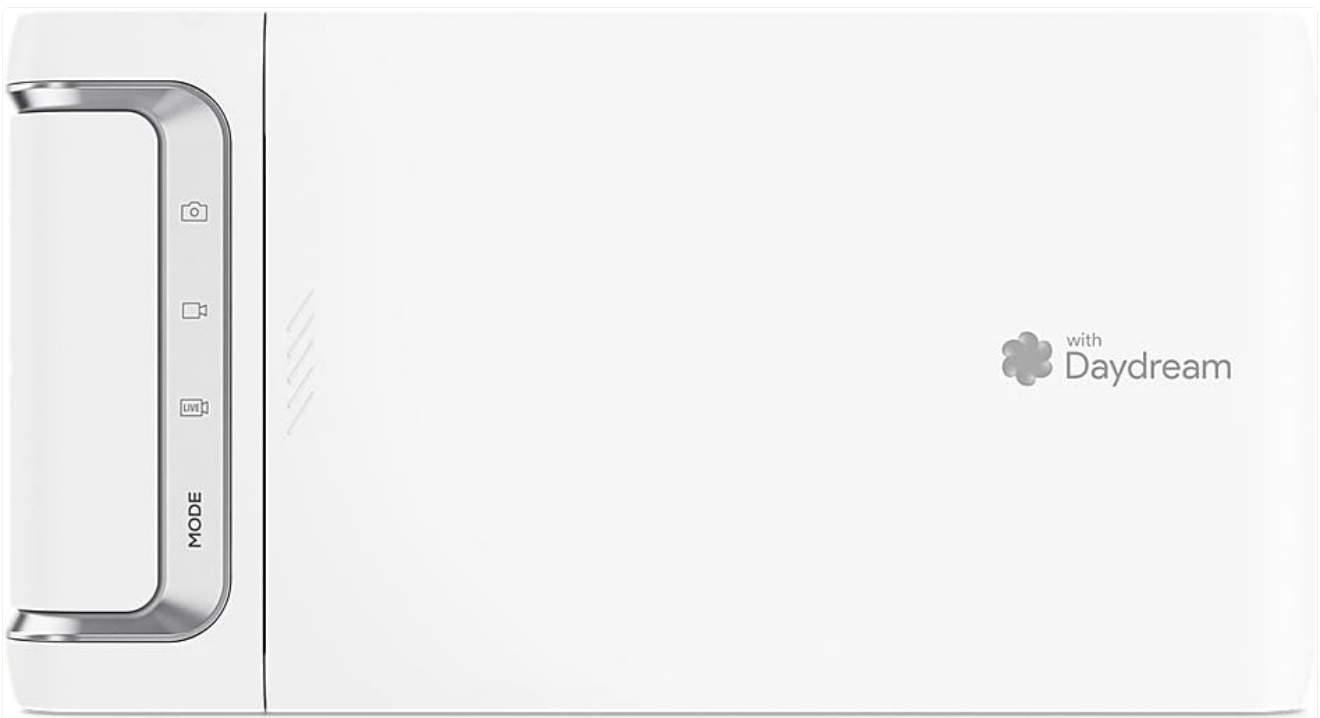


Figure 4.3: Top view of the camera, highlighting its compact design.

デュアル魚眼カメラ(1300万画素)

世界初のYouTube VR180対応VRカメラ



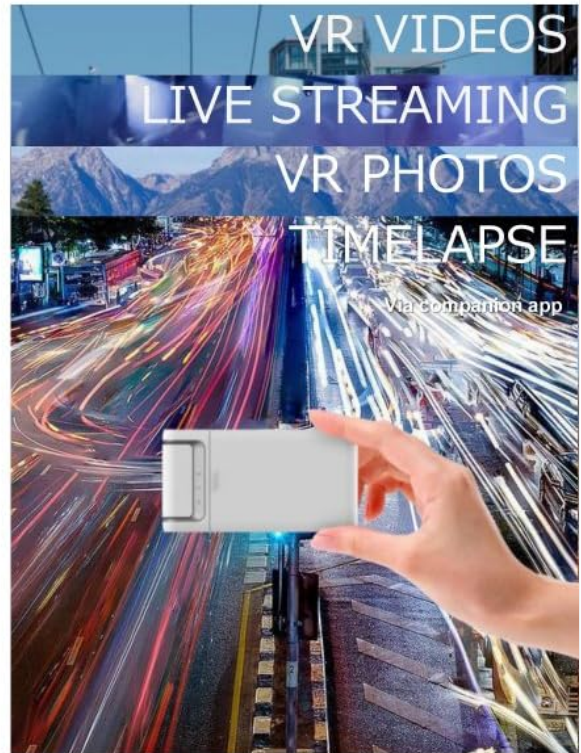
- リアルな3Dビデオレコーディング
- 広い視野角で没入体験が向上
- 安定したパフォーマンスでVR視聴体験が可能

Figure 4.4: Close-up of the dual fisheye lenses, each with 13 megapixels, enabling realistic 3D video recording and an enhanced immersive experience with a wide field of view. This camera is designed for a stable VR viewing experience.

使いやすいから、手軽にVR撮影ができる!



2017 LENOVO RESTRICTED. All rights reserved.



- 手ぶれ補正搭載
- 使いやすいポケットサイズ（139g）
- 標準規格の三脚に対応

Figure 4.5: Diagram illustrating the camera's controls and features. It includes a Power Button, Function Switch, Shutter Button & Status Indicator, Mode Indicator, and a Standard Tripod Mount. The camera is equipped with image stabilization, features an easy-to-use pocket size (139g), and is compatible with standard tripods.

5. SETUP

5.1. Charging the Battery

Connect the camera to a power source using the provided USB Type-C cable. The status indicator will show charging status. A full charge provides approximately 2 hours of continuous use.

5.2. Inserting a microSD Card

Locate the microSD card slot on the side of the camera. Insert a compatible microSD card (up to 128GB) with the gold contacts facing down until it clicks into place. Ensure the card is formatted correctly for optimal performance.

5.3. Initial Power On and Pairing

Press and hold the Power Button to turn on the camera. Follow the on-screen instructions or refer to the quick start guide to pair the camera with your smartphone via the dedicated Daydream app. This app is essential for full functionality, including live view, settings adjustment, and content transfer.

6. OPERATING INSTRUCTIONS

6.1. Changing Modes

Use the Function Switch to toggle between different modes, such as video recording, photo capture, and live streaming. The Mode Indicator will display the current selection.

6.2. Capturing Photos and Videos

Press the Shutter Button to start/stop video recording or to take a photo. The status indicator will confirm recording or capture. For best results, hold the camera steady or use a tripod. The camera supports 4K/30fps video and 13-megapixel photos.

6.3. Viewing and Transferring Content

Content can be viewed directly on a compatible Daydream VR headset or transferred to your smartphone or computer via the Daydream app or by connecting the camera via USB Type-C. For optimal VR viewing, use the recommended Daydream platform.

7. MAINTENANCE

7.1. Cleaning

Gently wipe the camera body with a soft, lint-free cloth. For lenses, use a specialized lens cleaning cloth and solution. Do not use harsh chemicals or abrasive materials.

7.2. Storage

Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the battery is partially charged (around 50%) to prolong its lifespan.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera overheats and stops recording.	Extended recording, especially in 4K, or high ambient temperatures.	Limit continuous recording time, especially in warm environments. Allow the camera to cool down before resuming use. Consider recording in lower resolutions if prolonged recording is necessary.
Audio is out of sync or distorted in videos.	Software glitch or file corruption during recording/transfer.	Ensure camera firmware is up to date. Try re-recording the video. When transferring, use a stable connection and the recommended app.
Difficulty playing back content or slow transfer speeds.	Slow microSD card, incompatible playback device/software, or large file sizes.	Use a high-speed microSD card (Class 10 or higher). Ensure your playback device and software are compatible with VR180 formats. Transfer files directly via USB for faster speeds. For Google Photos, be aware that it may compress images, reducing quality.
Significant lag between shutter press and capture.	Processing delay, especially with high-resolution settings.	Anticipate the delay when capturing critical moments. Ensure sufficient free space on the microSD card.
Camera does not power on.	Battery is depleted or faulty.	Charge the camera fully. If the issue persists, contact support.

Problem	Possible Cause	Solution
Cannot connect to smartphone via app.	Bluetooth/Wi-Fi issues, app not updated, or incorrect pairing process.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Update the Daydream app to the latest version. Restart both the camera and phone, then attempt pairing again.

9. SPECIFICATIONS

Feature	Detail
Model Number	ZA3A0011JP
Processor	Qualcomm APQ8053 Octa-core Processor (Max 2.2GHz)
Main Memory	2GB
Flash Memory	16GB
Image Pixel Count	13 million pixels + 13 million pixels Dual Camera
Video Quality	4K/30fps, 1440p/30fps, 1080p/30fps
Field of View (FOV)	Left/Right 180° x Up/Down 180°
Sensors	Gyro Sensor, Accelerometer Sensor
Wireless Connectivity	802.11 a/b/g/n/ac, Bluetooth 4.2 (BLE compatible)
Audio	Mono Speaker / Dual Microphone
Interface	USB Type-C port, microSD card reader (supports up to 128GB)
Shooting Mode	Video
Exposure Control Type	Auto
Color	Moonlight White
Media Type	microSD Card
File Format	MP4, JPEG
Viewfinder Type	LCD
Light Sensitivity (ISO)	100-3200
Battery Life (Average)	2 Hours
Product Weight	139 Grams
Camera Flash Type	None
Focus Function	Autofocus
Sensor Type	CMOS

10. WARRANTY INFORMATION

This product is covered by a limited warranty provided by Lenovo. For detailed warranty terms and conditions, please refer to the warranty card included in your product package or visit the official Lenovo support website. Keep your proof of purchase for warranty claims.

11. SUPPORT

For technical assistance, product updates, or additional information, please visit the official Lenovo support website or contact their customer service. Support resources may include FAQs, driver downloads, and contact details for regional support centers.

Official Lenovo Support: www.lenovo.com/support