IPEVO 5-883-4-01-00

IPEVO VZ-R HDMI/USB Dual Mode 8MP Document Camera Instruction Manual

Model: VZ-R (5-883-4-01-00)

1. INTRODUCTION

The IPEVO VZ-R is a versatile HDMI/USB Dual Mode 8MP Document Camera designed for capturing and displaying real-time images of documents, objects, and more. It offers flexible connectivity options, allowing direct connection to an HDMI display or a computer via USB. This manual provides essential information for setting up, operating, and maintaining your VZ-R document camera.

Image 1.1: The IPEVO VZ-R Document Camera, showcasing its compact and adjustable design.

2. WHAT'S IN THE BOX

Please check the package contents to ensure all items are present:

- VZ-R camera and stand
- VZ-R Base
- USB cable (4.90ft/150cm)
- Screwdriver
- Screws x 4

Note: An HDMI cable and power adapter are not included and must be purchased separately if needed for your setup.

3. PRODUCT OVERVIEW

3.1 Components

- **Camera Head:** Contains the 8-megapixel camera lens and an integrated LED light.
- **Multi-Jointed Arm:** Allows for flexible positioning and adjustment of the camera head.
- **Main Body:** Houses the control buttons and connectivity ports.
- **Base:** Provides stability for the camera.

Image 3.1: Components of the VZ-R Document Camera, including the main body, arm, camera head, and base.

3.2 Controls and Ports

The VZ-R features intuitive buttons on its main body for direct control and essential connectivity ports.
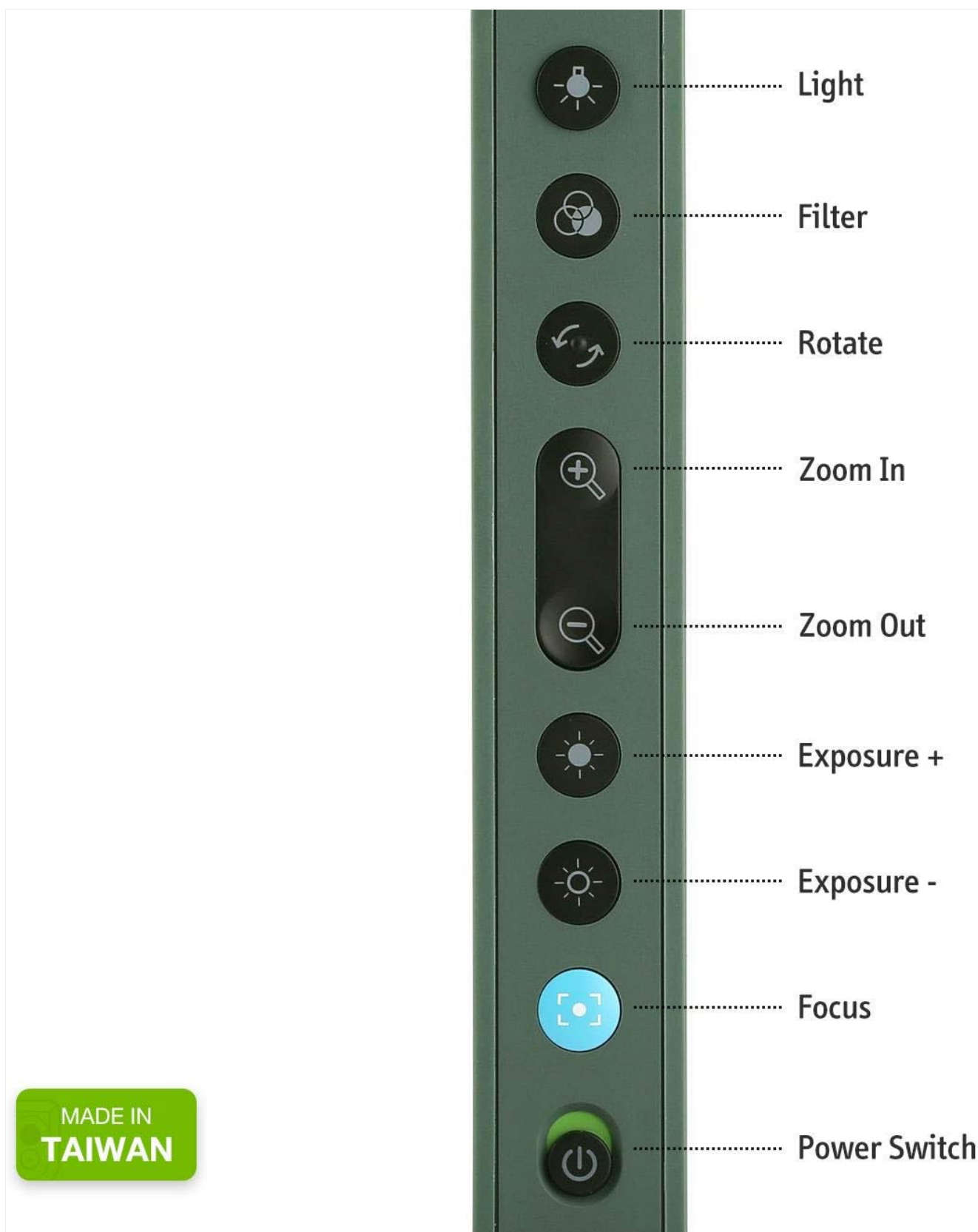
Image 3.2: Control buttons on the VZ-R main body.

- **Light:** Toggles the built-in LED light.
- **Filter:** Cycles through various image filters.
- **Rotate:** Rotates the image output.
- **Zoom In/Out:** Adjusts the digital zoom level.
- **Exposure +/-:** Manually adjusts image brightness.
- **Focus** / **AF-Lock:** Initiates autofocus or locks the current focus.
- **Power Switch:** Turns the device on or off.

Image 3.3: Connectivity ports on the VZ-R.

- **USB** / **Power Port:** Connects to a computer for USB mode or to a power adapter for HDMI mode (power adapter not included).
- **HDMI Port:** Connects directly to an HDMI-enabled display (HDMI cable not included).

4. SETUP

4.1 Assembly

1. Place the VZ-R base on a stable, flat surface.
2. Align the main body of the VZ-R with the base.
3. Use the provided screwdriver and screws to securely attach the main body to the base.

4.2 Power Connection

The VZ-R requires power to operate. Connect the supplied USB cable to the USB / Power port on the VZ-R. The other end of the USB cable can be connected to:

- A computer's USB port (for USB mode, which also provides power).
- A USB power adapter (not included) connected to a wall outlet (for HDMI mode).

4.3 Positioning the Camera

The VZ-R's multi-jointed arm and swiveling head allow for flexible positioning. Adjust the arm and head to capture your desired material. Ensure the camera head is positioned directly above the object or document you wish to display.

Image 4.1: The camera head can be swiveled and rotated for flexible capture.

5. OPERATING MODES

5.1 HDMI Mode

In HDMI mode, the VZ-R streams real-time images directly to an HDMI-enabled display without requiring a computer.

1. Connect an HDMI cable (not included) from the VZ-R's HDMI port to your TV, projector, or monitor.
2. Ensure the VZ-R is powered via a USB power adapter (not included) connected to a wall outlet.
3. Turn on the VZ-R using the Power Switch.
4. Select the correct HDMI input on your display device.
5. Use the physical buttons on the VZ-R (Light, Filter, Rotate, Zoom, Exposure, Focus) to adjust the image as needed.

The VZ-R captures at up to 1920 x 1080 resolution at 30 frames per second (fps) in HDMI mode.

Image 5.1: VZ-R connected to a flat screen TV in HDMI mode.

5.2 USB Mode

In USB mode, the VZ-R connects to a computer, allowing you to use it with various software applications for live demonstrations, web conferencing, and more.

1. Connect the supplied USB cable from the VZ-R's USB / Power port to a USB port on your computer.
2. Turn on the VZ-R using the Power Switch.
3. The VZ-R is compatible with Mac OS, Windows, and Chromebook operating systems.

4. Open your preferred software application (e.g., IPEVO Visualizer, Zoom, Google Meet) and select the VZ-R as your camera source.

5. Adjustments can be made using either the physical buttons on the VZ-R or through the software interface.

The VZ-R captures at up to 3264 x 2448 resolution at 10 frames per second (fps) in USB mode.

Image 5.2: VZ-R connected to a laptop in USB mode.

Image 5.3: VZ-R in use, capturing detailed images of objects.

6. MAINTENANCE

To ensure the longevity and optimal performance of your IPEVO VZ-R, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the camera. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use, fold the VZ-R into its compact form and store it in a dry, dust-free environment.
- **Durability:** The VZ-R features a glass fiber reinforced stand (GVX-5H) for enhanced durability. While robust, avoid excessive force or impact.

Image 6.1: VZ-R folded for compact storage.

7. TROUBLESHOOTING

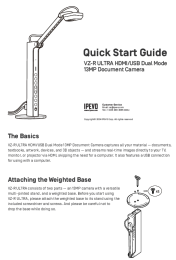If you encounter issues with your VZ-R, refer to the following common problems and solutions:

- **No Image on Display (HDMI Mode):**
  - Ensure the HDMI cable is securely connected to both the VZ-R and the display.
  - Verify that the display is set to the correct HDMI input.
  - Confirm the VZ-R is receiving power from a USB power adapter and is turned on.

- **No Image on Computer (USB Mode):**
  - Ensure the USB cable is securely connected to both the VZ-R and the computer.
  - Verify the VZ-R is selected as the camera source in your software application.
  - Try connecting to a different USB port on your computer.
  - Restart your computer and the VZ-R.

- **Image is Blurry:**
  - Press the **Focus** / **AF-Lock** button on the VZ-R to initiate autofocus.
  - Ensure the camera lens is clean and free from smudges.
  - Adjust the camera's height and angle to be within its optimal focus range.

- **Image is Too Dark or Too Bright:**
  - Press the **Exposure +/-** buttons on the VZ-R to manually adjust brightness.
  - Ensure the built-in LED light is on if operating in a dimly lit environment.
  - Check ambient lighting conditions.

- **Buttons Not Responding:**
  - Ensure the VZ-R is powered on.
  - Disconnect and reconnect the power source, then restart the device.

8. SPECIFICATIONS

Product Dimensions	4.13 x 4.25 x 11.85 inches (11.6 x 10.8 x 30.1 cm with base)
Item Weight	2.2 pounds (1 kg)
Item Model Number	5-883-4-01-00
Camera Resolution	8 Megapixels
Video Capture Resolution (HDMI)	1920 x 1080 (30fps)
Video Capture Resolution (USB)	Up to 3264 x 2448 (10fps)
Connectivity	HDMI, USB
Exposure Control Type	Automatic
Manufacturer	IPEVO
Color	Green

9. WARRANTY AND SUPPORT

The IPEVO VZ-R is designed and manufactured in Taiwan. For warranty information, technical support, or service inquiries, please refer to the official IPEVO website or contact their customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Related Documents - 5-883-4-01-00

	[IPEVO VZ-X Document Camera Quick Start Guide: Wireless, HDMI & USB Setup](#) A comprehensive quick start guide for the IPEVO VZ-X Document Camera, covering setup, connections via Wi-Fi, HDMI, and USB, charging, advanced settings, and safety information.
	[IPEVO VZ-R ULTRA 13MP Document Camera: Quick Start Guide](#) Learn how to set up and use the IPEVO VZ-R ULTRA HDMI/USB Dual Mode 13MP Document Camera with this quick start guide. Covers basic setup, connections, and features.
	[IPEVO VZ-X](#) IPEVO VZ-X /HDMI/USB VZ-X
	[IPEVO VZ-X ULTRA 13MP Wireless, HDMI & USB Document Camera Quick Start Guide](#) A comprehensive quick start guide for the IPEVO VZ-X ULTRA document camera, covering setup, wireless and wired connections, advanced settings, and safety information.
	[IPEVO V4K Ultra High Definition USB Camera Quick Start Guide](#) A quick start guide for the IPEVO V4K Ultra High Definition USB Camera, detailing its basic features, software compatibility, and setup. Learn how to connect and use the camera for various applications.
	[IPEVO V4K PRO Quick Start Guide](#) Quick start guide for the IPEVO V4K PRO USB Document Camera in Ultra HD, covering basic concepts, features like AI-Enhanced Voice, software compatibility, and safety information.