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› Wkzay Baby Car Camera HD 1080P (Model V36-002) Instruction Manual

Wkzay V36-002

Wkzay Baby Car Camera HD 1080P (Model V36-002) Instruction Manual

Comprehensive guide for installation, operation, and maintenance.

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your Wkzay Baby Car Camera HD 1080P. This system is designed to offer clear, real-time monitoring of your child in the rear seat, enhancing safety and peace of mind during travel. Please read this manual thoroughly before operating the device and retain it for future reference.

2. IMPORTANT SAFETY INFORMATION

- Always ensure the camera and monitor are securely mounted and do not obstruct the driver's view or interfere with vehicle controls.
- Do not attempt to adjust the camera or monitor while driving. Pull over to a safe location if adjustments are necessary.
- Keep all cables neatly tucked away to prevent entanglement or interference with vehicle operation.
- This device is an aid for monitoring; it does not replace direct supervision of a child.
- Ensure the camera is positioned to capture the child without causing discomfort or distraction.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x 4.3 Inch Baby Car Monitor
- 1x Baby Car Camera
- 1x Suction Cup Bracket
- 1x USB Power Cord
- 1x Video Cable

- 2x Straps
- 1x User Manual (this document)

4. SETUP AND INSTALLATION

The Wkzay Baby Car Camera is designed for quick and easy installation, typically taking about 3 minutes. No special tools are required.

4.1 Camera Installation

The camera can be securely attached to the headrest using the provided straps. This method prevents lens shake while driving, ensuring stable footage.

1. Pull the head restraint up.
2. Tighten the vertical strap around the headrest.
3. Tighten the horizontal strap around the headrest.
4. Rotate the adjustable camera to achieve the desired viewing angle.

Easy Installation

From installation to use, just a few steps



✓ Anti shake design, always stable footage



Strong adhesion, secure and non-slip ✓

Figure 4.1: Camera installation steps on a headrest.

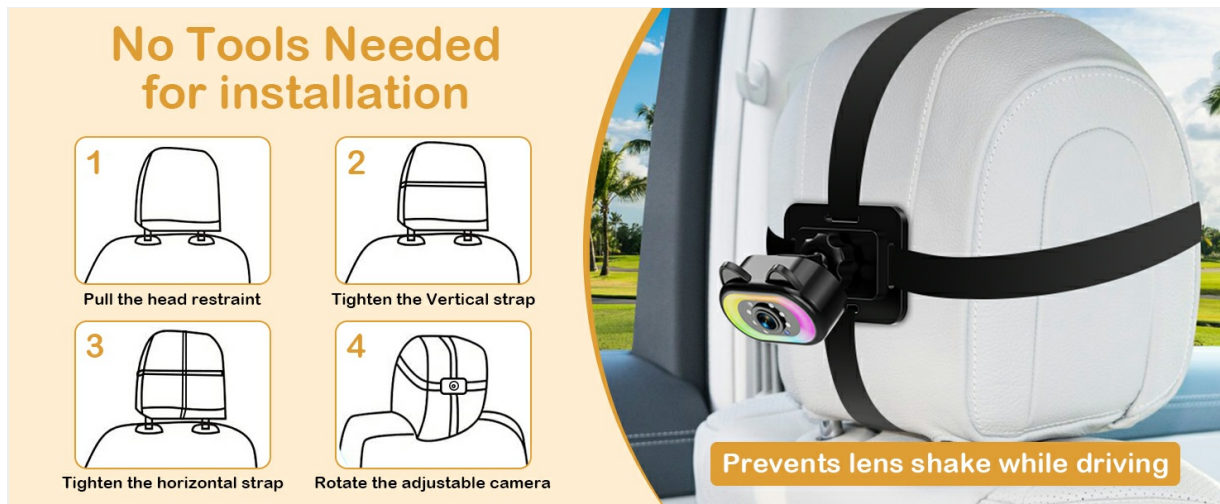


Figure 4.2: No tools needed for camera installation.

4.2 Monitor Installation

The 4.3-inch LCD monitor can be mounted on your dashboard or windshield using the suction cup bracket. Ensure the mounting surface is clean and dry for optimal adhesion.

1. Attach the monitor to the suction cup bracket.
2. Press the suction cup firmly onto the desired clean, flat surface (dashboard or windshield).
3. Secure the suction cup by flipping its lever.
4. Adjust the monitor's angle for optimal viewing. The bracket allows for 360-degree rotation.



Figure 4.3: Monitor mounting options and 360-degree rotation.

4.3 Power Connection

Connect the camera to the monitor using the video cable. Then, power the monitor using the included USB power cord by plugging it into a 5V 1A car charger (USB port or cigarette lighter adapter).

Multi Function Keys



Figure 4.4: Power and video cable connections.

Reminder: The first power button on the monitor is for controlling the lights, not for switching the monitor screen on/off. The other 4 buttons only function when the light is on.

Video 4.1: Installation and feature overview of the Wkzay Baby Car Camera. This video demonstrates the setup process and highlights key functionalities like the adjustable LED light.

5. OPERATING INSTRUCTIONS

5.1 Crystal Clear Monitoring

The camera provides enhanced HD 1080P video quality, ensuring clear and detailed images of your child. The 4.3-inch LCD screen offers a bright and clear display.



Figure 5.1: HD 1080P image output on the monitor.



Figure 5.2: Visual comparison of 1080P vs. 720P resolution.

5.2 Wide Angle View

The 150° wide-angle lens provides full coverage of the rear seat area, allowing you to monitor one or multiple children effectively.

Safe Driving

Perfect Size, Clear View, Safer Driving



Figure 5.3: 150-degree wide view of the back seat.



Figure 5.4: The camera's 150-degree field of view.

5.3 Night Vision and LED Lights

Equipped with advanced 940NM infrared night vision, the camera provides clear visibility in low-light conditions without disturbing your child. The camera also features adjustable LED lights with multiple patterns and dimming levels to soothe or entertain your baby.



360°Rotation

Provide the best view to see your baby

150°Wide View

Have a complete view to see two or three kids



Clear Night Vision

Automatically switches to night vision to protect baby's eyes in low light

Figure 5.5: Clear night vision in action.



Figure 5.6: Adjustable LED lights for soothing and distraction.



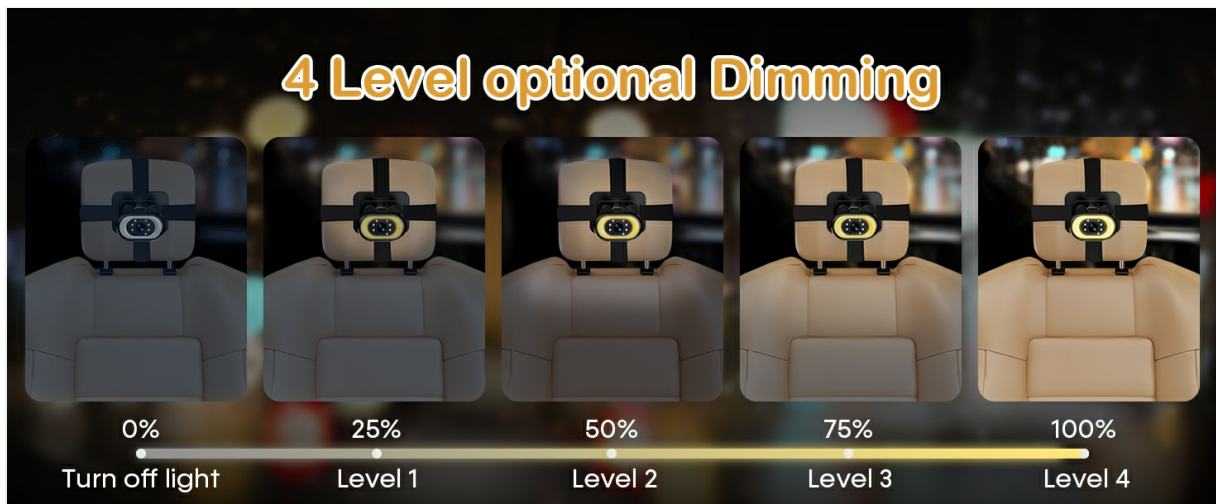


Figure 5.8: Four levels of LED light dimming.



Figure 5.9: Enabling RGB mode for colorful lights.



Figure 5.10: Enabling Sleep Mode (red light).



Figure 5.11: Enabling Wake Mode (green light).

5.4 Adjustable Viewing Angle and Image Orientation

The camera's position can be adjusted for optimal coverage. The monitor also supports switching between mirror and normal image modes, useful for different car seat orientations (rear-facing vs. forward-facing).



Figure 5.12: Switchable mirror/normal image.

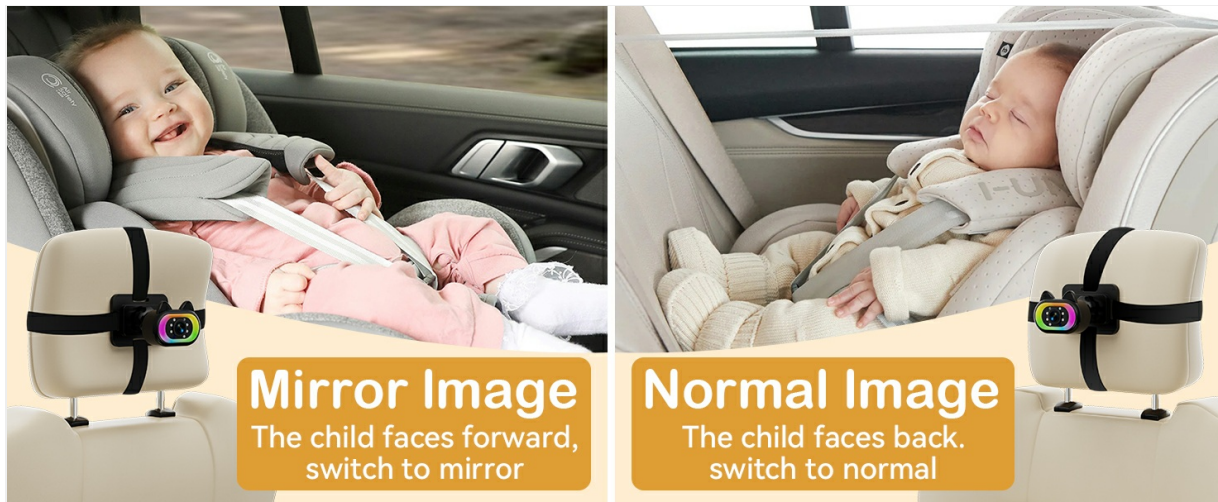


Figure 5.13: Mirror vs. Normal image orientation.

5.5 Monitor Settings

The monitor features multi-function keys on the back to adjust settings such as brightness, contrast, and saturation for an optimal viewing experience. These settings can be customized to protect your eyes at night.



Figure 5.14: Monitor display settings for eye comfort.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and monitor screen. For stubborn smudges, a slightly damp cloth with mild, non-abrasive cleaner can be used, ensuring no liquid enters the device.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Management:** Regularly check cables for any signs of wear or damage. Ensure they are not pinched or tangled.

7. TROUBLESHOOTING

If you encounter any issues, refer to the following common problems and solutions:

- **No Image/Blue Screen:**
 - Ensure all cables are securely connected between the camera, monitor, and power source.
 - Verify the power source is active and providing sufficient power (5V 1A).
 - If the issue persists, contact customer support for assistance.

- **Unstable Footage/Camera Shake:**

- Ensure the camera straps are tightened securely around the headrest.
- For dashboard/windshield mounts, ensure the suction cup is firmly attached to a clean, smooth surface. Allow 24 hours after using 3M stickers (if applicable) before heavy use.

- **Lights Not Functioning:**

- Remember that the first power button on the monitor controls the lights. Ensure it is turned on.
- The other light-related buttons (RGB, Sleep, Wake) only function when the main light power is on.

- **Cable Length Issues:**

- If the provided cable is insufficient in length for your vehicle, contact customer support for information on cable extensions.



Figure 7.1: Visual troubleshooting tips.

8. SPECIFICATIONS

Feature	Detail
Model Number	V36-002
Product Dimensions	7.8 x 4.7 x 3.9 inches
Item Weight	1.19 pounds
Screen Size	4.3 Inches
Video Capture Resolution	1080p
Field Of View	150 Degrees
Connectivity Technology	USB
Mounting Type	Windshield Mount (Suction Cup) / Headrest Mount (Straps)
Batteries Required	No
Color	Black

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical support, or any questions regarding your Wkzay Baby Car Camera, please refer to the contact details provided on the product packaging or the official Wkzay website. Our customer support team is dedicated to assisting you.