

## YIMU KB41

# YIMU KB41 HD720P Rear Seat Baby Car Camera User Manual

Model: KB41

## 1. INTRODUCTION

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The YIMU KB41 HD720P Rear Seat Baby Car Camera system provides a clear and reliable way to monitor your baby in the back seat while driving. This system features a 4.3-inch monitor, a 360° rotatable camera with night vision, and a wide 150-degree viewing angle. Designed for easy installation without drilling, it offers peace of mind by allowing you to keep an eye on your child without distractions.

## 2. WHAT'S IN THE BOX

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Verify that all components are present before proceeding with installation:

- Baby Car Monitor (4.3-inch)
- Car Headrest Camera
- Suction Cup Mount for Monitor
- Headrest Straps for Camera
- Video Cable
- Cigarette Lighter Power Adapter (12V)
- User Manual

# EASY CONNECTION

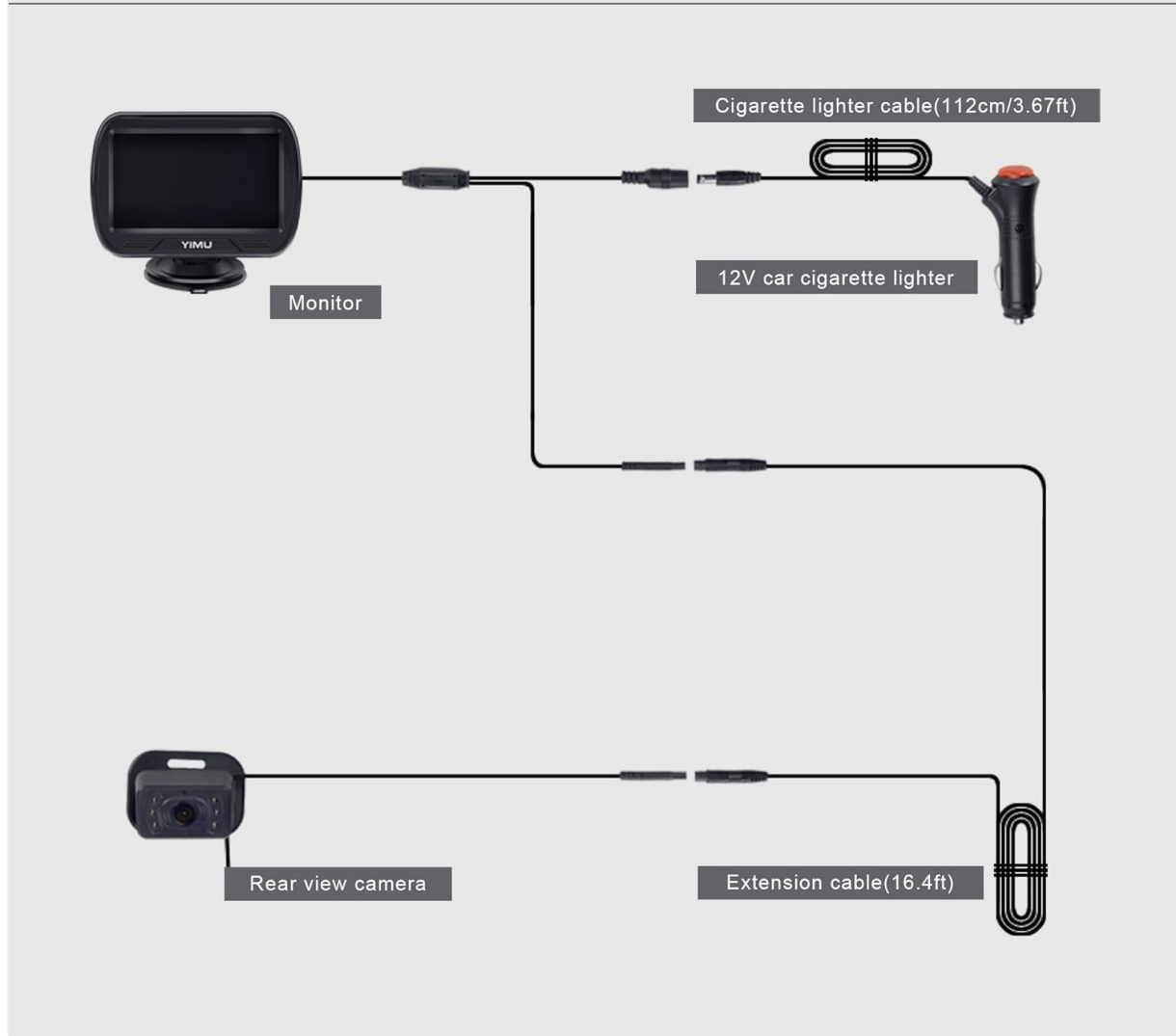


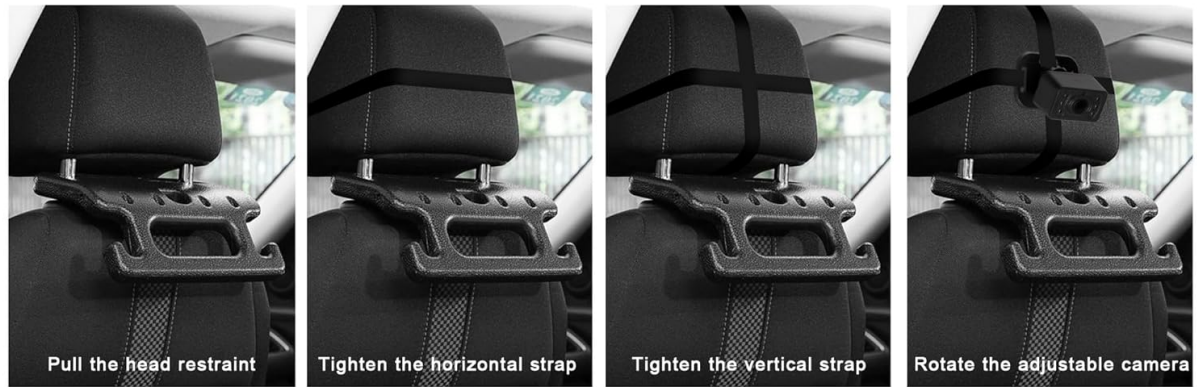
Figure 2.1: All components included in the YIMU KB41 Baby Car Camera Kit.

## 3. SETUP AND INSTALLATION

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### 3.1 Monitor Installation

The monitor can be securely mounted on your car's dashboard or windshield using the provided suction cup mount. Ensure the surface is clean and dry before attaching the mount for optimal adhesion.



## NO TOOLS NEEDED FOR INSTALLATION

Figure 3.1: Monitor placement options on the dashboard or windshield.

### 3.2 Camera Installation

The camera is designed for quick installation on the car seat headrest using the adjustable straps. This allows for flexible positioning to achieve the best view of your child.

1. Pull the headrest restraint up slightly.
2. Fasten the horizontal strap around the headrest.
3. Fasten the vertical strap around the headrest, securing the camera.
4. Rotate the adjustable camera to the desired viewing angle.

# WHY IS BABY CAR CAMERA SO POPULAR?



Figure 3.2: Step-by-step camera installation on a headrest.



Figure 3.3: The camera offers 360° rotation for optimal viewing.

### 3.3 Power Connection

Connect the camera to the monitor using the video cable, then power the system via the cigarette lighter socket. It is recommended to use the included 12V lighter adapter.

1. Connect the camera cable to the extension cable.
2. Connect the extension cable to the monitor.
3. Plug the cigarette lighter adapter into your car's 12V cigarette lighter socket.
4. Turn on the power switch on the cigarette lighter adapter.



Figure 3.4: Easy installation steps and power connection methods.

# EASY CONNECTION

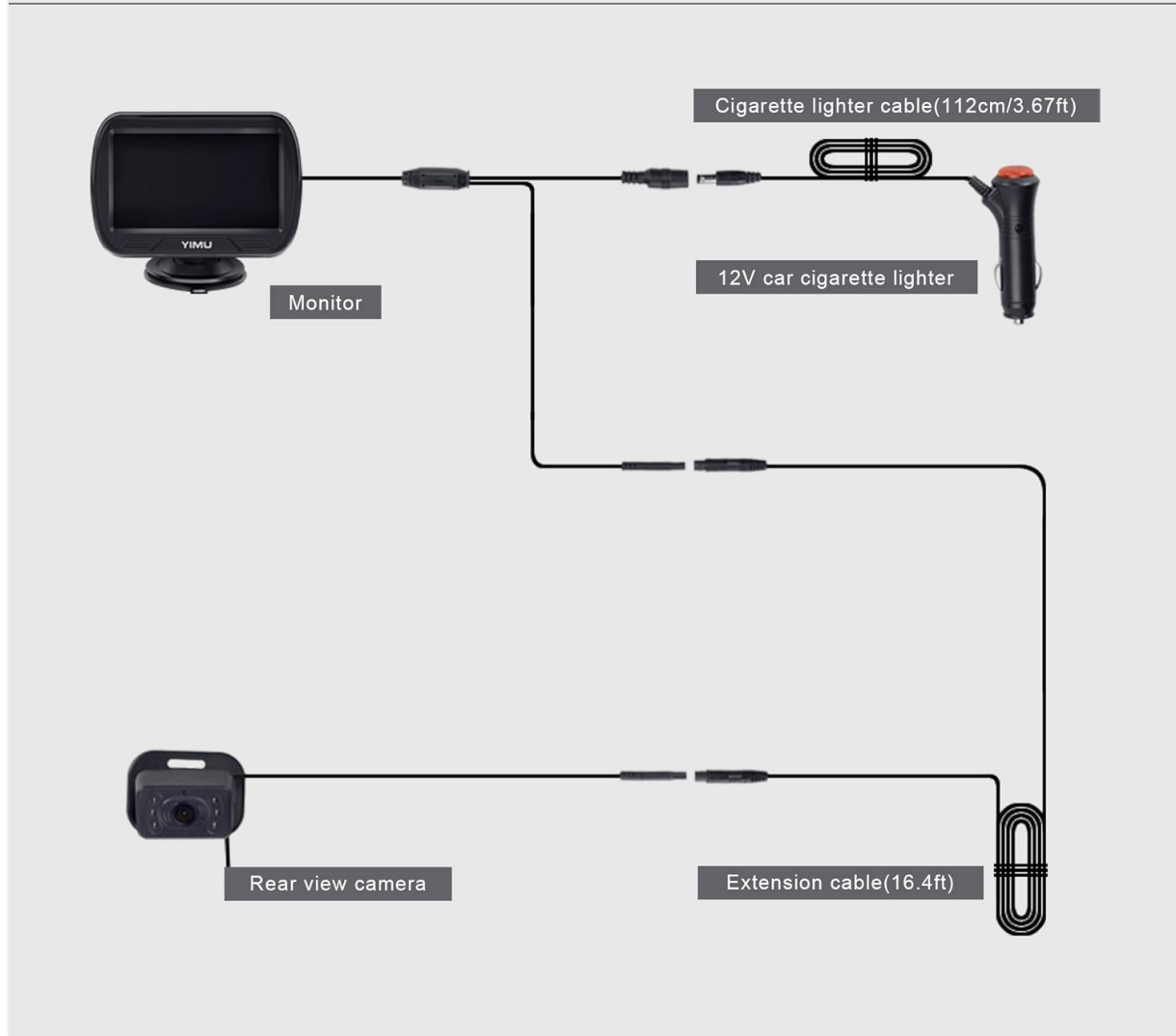


Figure 3.5: Wiring diagram for the YIMU KB41 system.

## 3.4 Installation Videos

For a visual guide, please refer to the official installation videos below:

Video 3.1: Official YIMU installation guide for the backseat camera.

Video 3.2: Detailed installation steps for the KB41 Baby Car Camera.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Basic Operation

Once powered on, the monitor will automatically display the camera feed. Use the buttons on the monitor to access settings and adjustments.

- **Power Button:** Turns the monitor on or off.
- **Menu Button:** Accesses settings such as brightness, contrast, hue, saturation, language, and reset options.
- **Up/Down Buttons:** Navigate menu options or adjust values.



Pull the head restraint



Tighten the horizontal strap



Tighten the vertical strap



Rotate the adjustable camera

## NO TOOLS NEEDED FOR INSTALLATION

Figure 4.1: Monitor menu options for display adjustments.

### 4.2 Night Vision

The camera features 940nm infrared (IR) lights, which are invisible to the human eye, ensuring your baby is not disturbed. The system automatically switches to night vision mode in low-light conditions, providing a clear black and white image.

# WHY IS BABY CAR CAMERA SO POPULAR?



Figure 4.2: 940nm IR LEDs provide clear night vision without disturbing your baby.

GOOD PROTECTION!  
FOR BABY'S EYES

## WHY WE ARE THE BEST CHOICE?



HD COLOR IMAGE



NIGHT VISION

OTHERS



PURPLE IMAGE



NIGHT VISION



DAZZLING,  
HURTS BABY'S EYES

Figure 4.3: HD color image and automatic night vision display.

### 4.3 360° Rotatable Camera and Wide View Angle

The camera can be rotated 360 degrees to accommodate various car seat positions and types. Its 150-degree wide-angle lens eliminates blind spots, allowing you to view one, two, or even three children clearly in the back seat.



Figure 4.4: 360° rotatable camera and image mode selection.



Figure 4.5: The 150-degree wide view angle covers multiple children.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your YIMU KB41 Baby Car Camera system, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the monitor screen and camera lens. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Cable Management:** Ensure all cables are neatly tucked away and not pinched or exposed to excessive wear. This prevents damage and maintains a tidy car interior.
- **Storage:** If storing the system for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight and extreme temperatures.
- **Regular Checks:** Periodically check the camera and monitor mounts to ensure they are secure and stable.

## 6. TROUBLESHOOTING

If you encounter issues with your YIMU KB41 Baby Car Camera system, refer to the following common problems and solutions:

- **No Image on Monitor:**

- Ensure the cigarette lighter adapter is securely plugged in and the power switch is ON.
- Check that all cables (camera to extension, extension to monitor) are firmly connected.
- Verify that your car's 12V power outlet is functioning.

- **Flickering or Unclear Image:**

- Check cable connections for looseness.
- Ensure the camera lens is clean and free from obstructions.
- Adjust the monitor's brightness, contrast, and other settings via the menu.

- **Camera Not Staying in Position:**

- Re-tighten the headrest straps.
- Ensure the camera's rotational joint is tightened after adjustment.

- **Night Vision Not Activating:**

- The system automatically switches to night vision in low light. Ensure the environment is sufficiently dark for it to activate.
- Check for any obstructions blocking the camera's IR sensors.

If these steps do not resolve the issue, please contact YIMU customer support for further assistance.

## 7. SPECIFICATIONS

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Feature	Detail
Product Dimensions	7.48 x 4.33 x 2.56 inches
Item Weight	1.19 pounds
Item Model Number	KB41 4.3inch
Special Features	360 Degree, Adjustable, Dimmable, HD Resolution, Night Vision
Display Technology	LCD
Other Display Features	Wireless
Color	Black
Manufacturer	Yimu
Screen Size	4.3 Inches
Compatible Devices	Wired Monitor
Installation Type	Surface Mount
Voltage	12 Volts (Do not use more than 24V)
Optical Sensor Technology	CCD or CMOS
Lens Type	Wide Angle
Real Angle of View	150 Degrees

Feature	Detail
Connector Type	4PIN

## 8. WARRANTY AND SUPPORT

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The YIMU KB41 HD720P Rear Seat Baby Car Camera comes with a **2-Year Warranty**. This warranty covers manufacturing defects and ensures the quality and performance of your product.

If you have any questions, require technical assistance, or encounter any issues with your device, please do not hesitate to contact YIMU customer support. Our team is dedicated to providing prompt and helpful solutions.

For support, please visit our official website or refer to the contact information provided in your product packaging.