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› VECHETEL Wireless 1080P Backup Camera System User Manual (Model B0DDQNBQQK)

VECHTEL B0DDQNBQQK

VECHTEL Wireless 1080P Backup Camera System with 7-Inch IPS Monitor

Model: B0DDQNBQQK

INTRODUCTION

This manual provides comprehensive instructions for the VECHETEL Wireless 1080P Backup Camera System. This system is designed to improve visibility and safety when operating large vehicles such as trucks, buses, vans, RVs, and pickups. It features a high-definition 7-inch IPS monitor, a durable IP68 waterproof camera with infrared night vision, and adjustable parking guidelines.

Please read this manual thoroughly before installation and operation to ensure proper use and to maximize the lifespan of your device.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 7-inch IPS Monitor
- Wireless Backup Camera
- Power Extension Cable
- Antenna Head (for monitor and camera)
- Cigarette Lighter Power Cord
- User Manual
- Screw Pack
- Frame Accessories
- Sticker

Installation Methods

1



2



Figure 1: Package Contents. This image displays the 7-inch monitor, wireless camera, power cables, antennas, mounting accessories, and user manual that are included in the product package.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance. The system supports a voltage range of 12V-36V, making it compatible with various vehicle types.

Camera Installation:

1. Mount the wireless backup camera securely at the rear of your vehicle. Ensure it has a clear view and is positioned to capture the desired area.
2. Connect the camera to a power source. It can be powered by the reverse light circuit (for activation only when reversing) or a constant power cable (for continuous monitoring).
3. Attach the antenna head to the camera for wireless signal transmission.

Monitor Installation:

1. Choose a suitable location on your dashboard or windshield for the 7-inch IPS monitor. Ensure it does not obstruct your view while driving.
2. Secure the monitor using the provided frame accessories.
3. Connect the monitor to power using the cigarette lighter power cord or by wiring it directly to a 12V-36V power source.
4. Attach the antenna head to the monitor for receiving the wireless signal from the camera.



Figure 2: Connection Diagram. This image shows how to connect the monitor and camera, including power supply options and antenna placement. The camera connects to a 12V-36V power source, and the monitor can be powered via a cigarette lighter or direct wiring.

Flexible Vehicle Compatibility

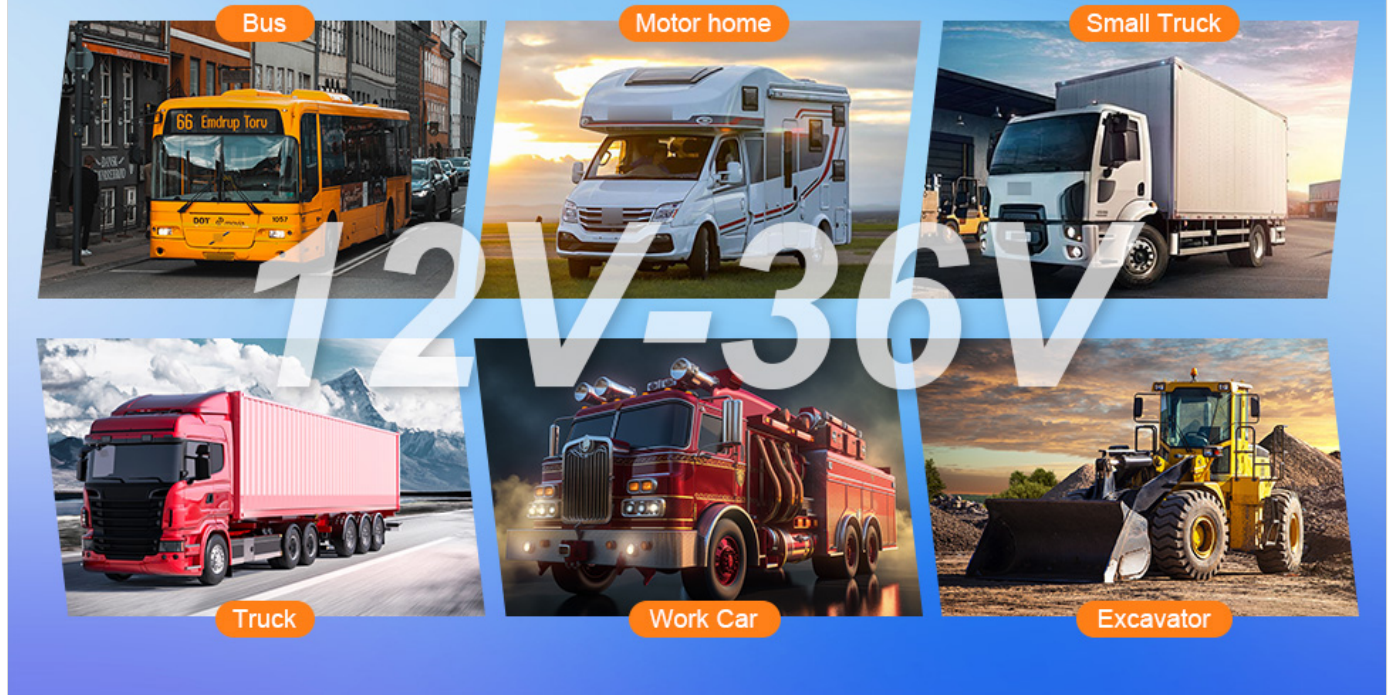


Figure 3: Monitor Placement and Vehicle Compatibility. This image demonstrates typical monitor installation in a vehicle and highlights the system's suitability for trucks, buses, vans, RVs, and pickups.

OPERATING INSTRUCTIONS

Powering On/Off:

The monitor powers on automatically when the vehicle's ignition is turned on if connected to a switched power source. Alternatively, use the power button on the monitor to manually turn it on or off.

Adjusting Display Settings:

Use the buttons on the monitor to navigate the menu and adjust settings such as brightness, contrast, and color. The IPS screen provides clear images and vibrant colors from various viewing angles.

Parking Guidelines:

The system features customizable parking guidelines. You can activate or deactivate these lines and adjust their position to suit your vehicle and preferences. This assists in precise parking and maneuvering.

Intelligent Reverse Line



Adjustable



Mirror Image



Image Flip



Figure 4: Intelligent Reverse Lines and Image Adjustment. This image illustrates the adjustable parking lines, mirror image function, and image flip capability of the monitor, allowing for customized viewing.

Image Flip Function:

The monitor allows you to rotate the image horizontally or vertically. This is useful for achieving a mirror image or a standard view, depending on the camera's mounting orientation and your preference.



Figure 5: Image Flip Options. This graphic demonstrates the various image orientation options available on the monitor, including normal, mirrored, and inverted views.

Night Vision:

The camera is equipped with IR night vision, which significantly enhances visibility in low-light conditions, ensuring clear images even at night.

150° Wide Angle



IR Night Vision



IP 68 Waterproof



Figure 6: Camera Features. This image highlights the 150-degree wide-angle view, infrared night vision capability, and IP68 waterproof rating of the camera.

MAINTENANCE

- **Cleaning:** Regularly clean the camera lens and monitor screen with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the surfaces.
- **Waterproof Rating:** The camera is IP68 waterproof, designed to withstand harsh weather conditions. However, avoid directing high-pressure water jets directly at the camera for extended periods.
- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.
- **Antennas:** Ensure the antennas on both the camera and monitor are securely attached and unobstructed for optimal wireless signal transmission.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on monitor	Power connection issue (monitor or camera) Antenna not connected or loose Signal interference	Check power cables and connections for both monitor and camera. Ensure antennas are securely attached to both units. Relocate the monitor or camera to reduce interference, if possible.
Poor image quality / Flickering	Weak wireless signal Dirty camera lens Power fluctuations	Ensure camera and monitor are within effective range (up to 320 feet). Clean the camera lens. Check vehicle's power supply for stability.
Parking lines not visible or incorrect	Parking lines deactivated in settings Incorrect adjustment	Access monitor settings to activate and adjust parking lines.

SPECIFICATIONS

Feature	Detail
Brand	VECHTEL
Model Number (ASIN)	B0DDQNBQQK
Monitor Size	7 Inches
Display Technology	IPS LCD
Capture Resolution	1080p (Full HD)
Effective Capture Resolution	2.07 Megapixels
Optical Sensor Technology	CMOS
Optical Sensor Size	1/3 inch
Lens Type	Wide Angle
Real View Angle	139 degrees
Field of View	139 Degrees
Installation Type	Wireless
Voltage	12-36 Volts
Product Dimensions (L x W x H)	18.5 x 6 x 12.2 centimeters
Waterproof Rating	IP68
Wireless Transmission Range	Up to 320 feet

WARRANTY AND SUPPORT

Warranty Information:

The VECHTEL Wireless 1080P Backup Camera System comes with a three-year warranty. Please retain your proof of purchase for warranty claims.

Technical Support:

For any technical assistance, questions, or issues not covered in this manual, please contact VECHTEL customer support. We offer 24/7 technical support to ensure your satisfaction.

You can typically find contact information on the product packaging, the official VECHTEL website, or through your purchase platform (e.g., Amazon seller page).

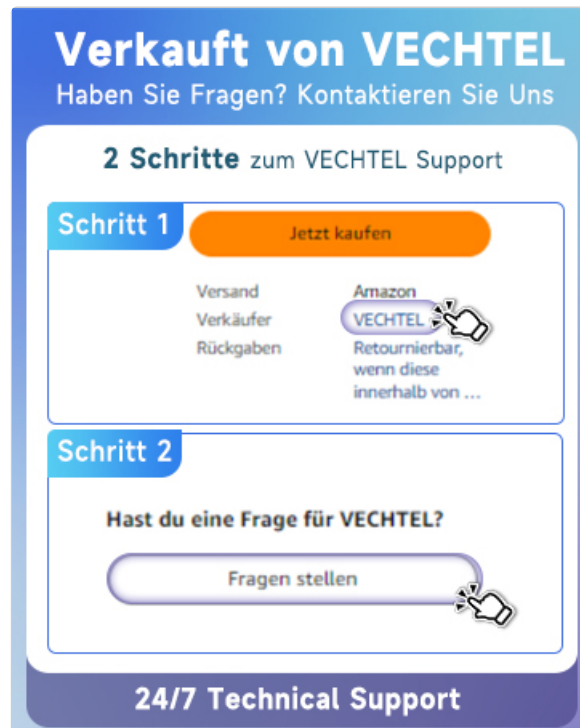


Figure 7: Customer Support Process. This image outlines the steps to reach VECHTEL customer support for assistance.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question