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- › [RV Backup Camera System, 7 inch Monitor Vehicle Backup Camera, Waterproof Rear View Camera with Night Vision Reverse Truck Wired Back Up Camera for Cars/Trailer/Van/Jeep/SUV](#)

Bileeko BI-7monitorAV-02

Bileeko RV Backup Camera System User Manual

Model: BI-7monitorAV-02

1. PRODUCT OVERVIEW & PACKAGE CONTENTS

The Bileeko RV Backup Camera System provides enhanced visibility for safe maneuvering of your vehicle. This system includes a 7-inch LCD monitor and a waterproof rear view camera with night vision capabilities, designed for various vehicles such as cars, trailers, vans, jeeps, and SUVs.

Package Contents:

PACKAGE CONTENT



Monitor



Camera



Video&Power cable 10M/33ft



Power Cords



Lighter adapter

Instructions

This image displays the complete package contents: the 7-inch LCD monitor, the backup camera, a lighter adapter with on/off switch, a 3.3ft power cable, and a 33ft 2-in-1 video power cable.



A comprehensive view of the Bileeko RV Backup Camera System, showing the 7-inch monitor, the rear view camera, and the necessary wiring for installation.

- 1 x 7 inch LCD Monitor
- 1 x Backup Camera
- 1 x Lighter adapter with on/off
- 1 x Power Cable 3.3ft
- 1 x Video Power cable 33ft 2 In 1

Key Features:

AMAZING FEATURES FOR ALL DRIVERS



Power
supply:
12 V



HD QUALITY
1080x720 pixels



Color
CMOS



800 TV
lines



Waterproof
IP69



Connector:
RCA



Guide
Lines



Video system
NTSC



Ultra Wide Angle
170 degrees



This image highlights the amazing features of the system, such as 12V power supply, HD quality (1080x720 pixels), Color CMOS sensor, 800 TV lines, IP69 waterproof rating, RCA connector, guide lines, NTSC video system, and an ultra-wide 170-degree angle.

Super WIDE Angle



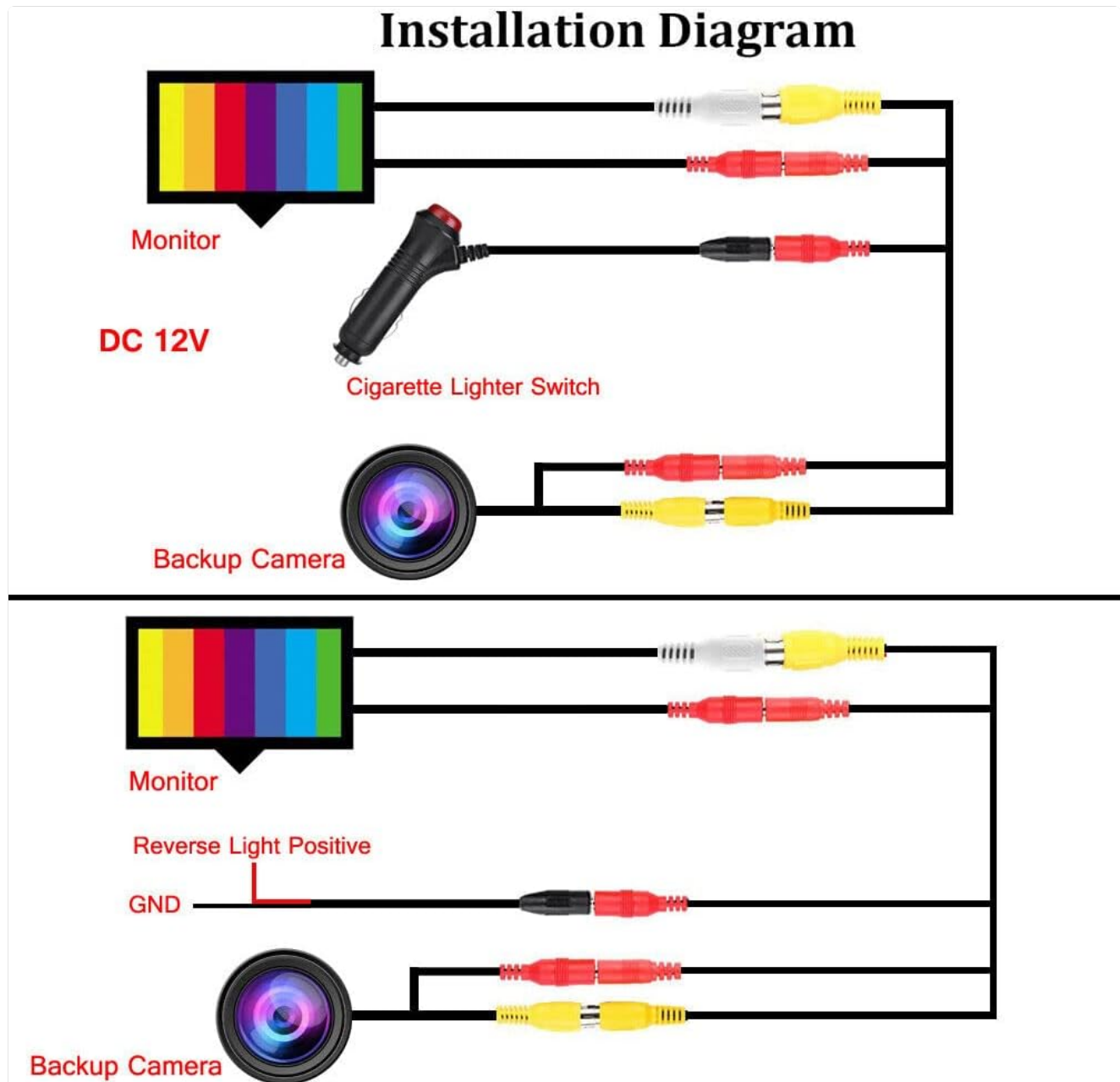
An illustration demonstrating the super wide-angle capability of the camera, featuring a 145-degree horizontal angle and a 170-degree diagonal angle, along with waterproof protection, HD quality, and distance guidelines.

- 7-inch HD color LCD monitor.
- IP68 waterproof camera with IR lights for enhanced night vision.
- Supports continuous viewing or reverse-only activation.
- Monitor has a removable pedestal with foam adhesive for flexible mounting.
- Additional cameras can be installed for monitoring multiple positions (front/side/back).

2. SETUP & INSTALLATION

The Bileeko RV Backup Camera System is designed for straightforward installation. Please follow the diagrams and instructions carefully.

Installation Diagram:



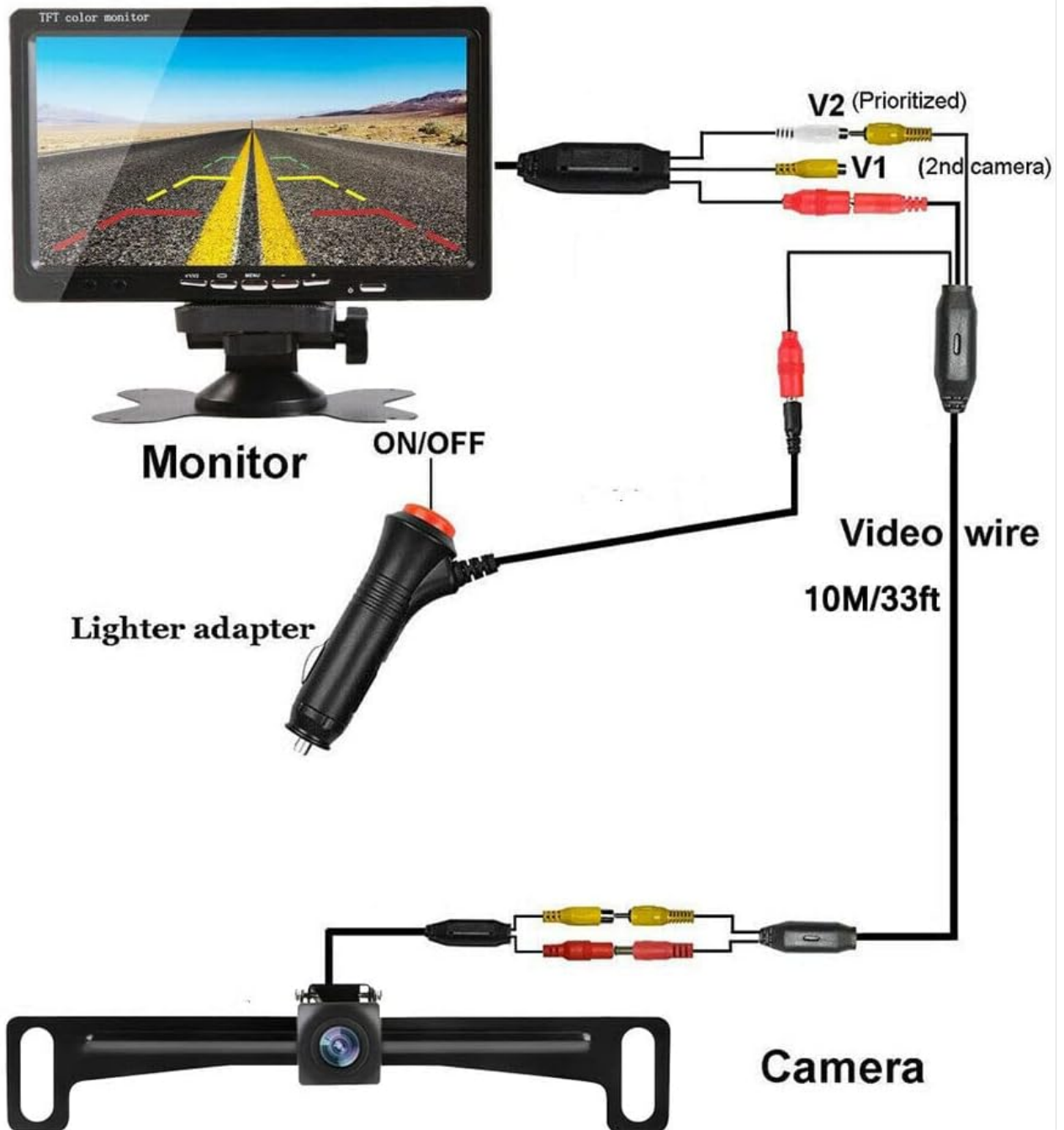
This diagram illustrates two primary wiring methods: one using the cigarette lighter switch for continuous power, and another connecting to the reverse light positive for activation only when the vehicle is in reverse gear.

Wiring Options:

1. **Continuous Viewing:** Connect the monitor and camera power to the included cigarette lighter adapter. This allows the system to be powered on continuously when the vehicle's accessory power is active.
2. **Reverse-Activated Viewing:** Connect the camera's power wire to your vehicle's reverse light positive wire. This will activate the camera and monitor only when the vehicle is shifted into reverse. The monitor can be powered separately or also tied into the reverse light circuit.

Ensure all RCA connectors are securely fastened. The system is ideal for cars, trucks, SUVs, MPVs, or any vehicle where you need a reliable rear view.

Continuous use



A detailed diagram showing the wiring for continuous use, including connections for the monitor, lighter adapter, video wire, and camera, with V1 (2nd camera) and V2 (prioritized) inputs.

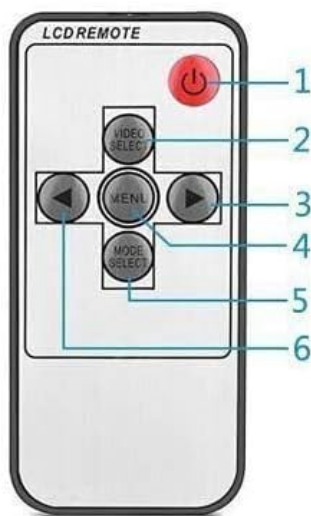
3. OPERATING INSTRUCTIONS

Familiarize yourself with the monitor and remote controls for optimal use of your backup camera system.

Monitor Controls:



- 1.AV1/AV2 push button
- 2.Screen Switch
- 3.Menu button
- 4.Volume-
- 5.Volume+
- 6.Power standby
- 7.Infrared receiver



- 1.POWER:Switch for power supply
- 2.VIDEO:V1/V2 selecting
- 3.VOL+:Increase button
- 4.MENU:(brightness,colors,contrast)button
- 5.MODE:Selecting results of display
- 6.VOL-:Reduces button

This image labels the buttons on the 7-inch monitor and the corresponding functions on the remote control. Monitor buttons include AV1/AV2 push button, Screen Switch, Menu button, Volume-, Volume+, Power standby, and Infrared receiver. Remote control buttons include Power, Video (V1/V2 selecting), VOL+ (Increase), Menu (brightness, colors, contrast), Mode (selecting display results), and VOL- (Reduce).

- **AV1/AV2 Push Button:** Switches between video input sources (if multiple cameras are connected).
- **Screen Switch:** Toggles display modes or aspect ratios.
- **Menu Button:** Accesses the on-screen display (OSD) menu for settings like brightness, color, and contrast.
- **Volume +/-:** Adjusts the volume (if audio input is available, though typically not for backup cameras).
- **Power Standby:** Puts the monitor into standby mode.
- **Infrared Receiver:** For use with the included remote control.

Remote Control Functions:

- **POWER:** Switches the power supply on/off.
- **VIDEO (V1/V2):** Selects between video input V1 and V2.
- **VOL+:** Increases volume.
- **MENU:** Opens the menu for adjusting brightness, colors, and contrast.
- **MODE:** Selects different display results or viewing modes.
- **VOL-:** Reduces volume.

The camera features include HD quality, CMOS sensor, 170° wide angle, and IP68 waterproof rating. It also offers

control for mirror image and guide lines.



This image details the backup camera's specifications: HD resolution, CMOS sensor, 170-degree viewing angle, and IP68 waterproof rating. It also shows options for controlling mirror image and guide lines.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Bileeko RV Backup Camera System.

- **Cleaning:** Use a soft, damp cloth to clean the monitor screen and camera lens. Avoid abrasive cleaners or solvents.
- **Camera Care:** The camera is IP68 waterproof, but avoid directing high-pressure water jets directly at it. Regularly check for any debris or mud obstructing the lens.
- **Cable Connections:** Periodically inspect all cable connections to ensure they are secure and free from corrosion or damage.
- **Storage:** If the system is not in use for an extended period, store it in a cool, dry place away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
No Image on Monitor	Check all power connections to the monitor and camera. Ensure they are securely plugged in and receiving power. Verify the video cable (RCA) is properly connected between the camera and monitor. Ensure the correct video input (AV1/AV2) is selected on the monitor. If wired to reverse light, ensure the vehicle is in reverse gear.
Blurry or Distorted Image	Clean the camera lens. Check for loose video cable connections. Ensure the camera is securely mounted and not vibrating. Adjust brightness, contrast, and color settings via the monitor's menu.
No Night Vision	Ensure the camera's IR lights are not obstructed. Verify power supply to the camera is stable.
Monitor Not Turning On	Check the power cable connection to the monitor and the power source (e.g., cigarette lighter adapter). Ensure the vehicle's power outlet is functional. Press the power button on the monitor or remote.

If you experience any problems with installation or operation that are not covered here, please do not hesitate to contact customer support for assistance.

6. SPECIFICATIONS

7 inch LCD Monitor:

- **Standards:** Meets FCC/CE/RoHS/UL/IP6X standards
- **Display:** 7 inch LCD monitor
- **Power Consumption:** Ultra-low, to prevent overheating
- **Signal Format:** PAL / NTSC (Compatible with all signal formats)
- **Rated Voltage:** 9V - 35V, 400mA-20A
- **Display Technology:** LCD
- **Installation Type:** Dashboard Mount, Surface Mount

Rear View Camera:

- **Standards:** Meets FCC/CE/RoHS/UL/IP6X standards

- **Image Sensor:** 1/3" CMOS
- **S/N Ratio:** Better than 48db
- **Video Output:** RCA connector, 1.0vp-p, 75 Ohm
- **Power:** 9V-14V DC, 400mA-20A
- **Waterproof Grade:** IP68
- **Night Vision:** IR Night Vision
- **Optical Sensor Technology:** CMOS
- **Video Capture Resolution:** 750
- **Viewing Angle:** 170 degrees (Ultra Wide Angle)

General System Specifications:

- **Brand:** Bileeko
- **Model Number:** BI-7monitorAV-02
- **Voltage:** 12 Volts
- **Compatible Devices:** Monitor
- **Connector Type:** RCA

7. WARRANTY AND SUPPORT

For any inquiries, technical support, or to purchase additional accessories such as longer RCA video cables (20ft/50ft/66ft), please contact Bileeko customer service. Refer to your product packaging or the retailer's website for specific contact information.

While specific warranty details are not provided in this manual, it is recommended to retain your proof of purchase for any warranty claims or support needs.

Can-Am X3 Reverse Light Kit Installation Manual

Comprehensive installation manual for the Can-Am X3 Reverse Light Kit by Sam's Backup Lights. Includes step-by-step instructions, required tools, and operation details for automatic and manual override functions.

[CAN-AM Defender Reverse Light Kit Installation Manual - Sam's Backup Lights](#)

Comprehensive installation guide for the CAN-AM Defender Reverse Light Kit by Sam's Backup Lights. Learn how to install the wiring harness, controller, and lights with step-by-step instructions and required tools.

Oncam Evolution 05 Mini Indoor Night Camera Quick Start Guide

Quick start guide for the Oncam Evolution 05 Mini Indoor Night 360° IP network camera, covering installation, network configuration, and initial setup.

Nilight TR-02 60-inch LED Tailgate Light Strip - Installation and Functions

Detailed guide to the Nilight TR-02 60-inch LED Tailgate Light Strip, covering its 5 full functions (running, brake, turn signals, reverse) and step-by-step installation instructions for trucks.

Range Rover Owner's Manual Supplement: Rear Seat Features

This document is a supplement to the Range Rover Owner's Manual, detailing the features and functions of the rear seats, including the rear console, comfort features, and storage compartments. It provides instructions on how to operate various features like massage seats, seat adjustment, and the rear climate control panel.

SolarEdge Backup Interface Installation Guide for Energy Hub Inverter

Installation guide for the SolarEdge Backup Interface for Single Phase Energy Hub Inverters with Prism Technology, covering setup, connection, configuration, troubleshooting, and technical specifications for North America. Version 1.1.