

Imagebon B0CFDVX3C2

Imagebon Backup Camera and 33ft Extension Cable User Manual

Model: B0CFDVX3C2

1. INTRODUCTION

This manual provides comprehensive instructions for the Imagebon Backup Camera and its 33ft Extension Cable. It covers product features, installation procedures, operational guidelines, and troubleshooting tips to ensure optimal performance and a clear understanding of the device's functionality. Please read this manual thoroughly before installation and use.

2. PRODUCT OVERVIEW

The Imagebon Backup Camera system includes a high-definition rear view camera and a 33-foot extension cable designed for seamless integration with compatible dash cams, carplay systems, and monitors. This system is engineered to provide a clear view of the area behind your vehicle, enhancing safety during reversing maneuvers.

2.1 Components

- Imagebon Backup Camera (1080P)
- 33-foot Extension Cable (4-Pin Male to 2.5mm Male)
- Mounting Accessories (screws, adhesive pad)



Figure 2.1: Imagebon Backup Camera and 33ft Extension Cable.

This image displays the primary components of the Imagebon Backup Camera system, including the camera unit and the coiled 33-foot extension cable.



Figure 2.2: Camera and Cable Components with Accessories.

A closer look at the camera, the extension cable, and the small bag containing mounting screws and an adhesive pad for installation.



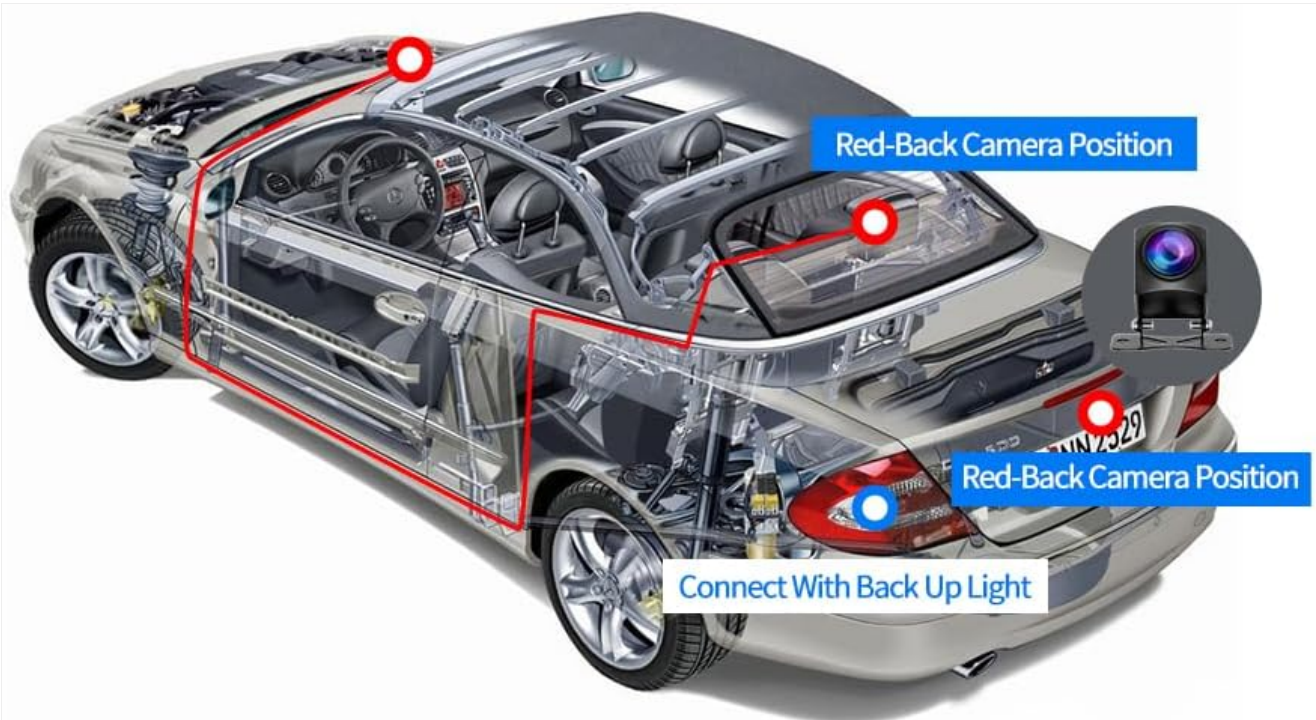
4-Pin



2.5mm

Figure 2.3: 33-foot Extension Cable Length.

This image visually represents the substantial 33-foot length of the extension cable, highlighting its suitability for various vehicle sizes.



warning: Because of the different models, Please let the professional help you to install, this method is only for reference

Rear view camera



Rear view camera cable



camera Connector

Red Connec with Back-Up Light +

Host connector Camera Connector



1. 5V
2. CVBS
3. Reversing signal
4. GND

warning: In Strict accordance with the instructions to install, prevent the recorder burn, recommended professional master installation

Figure 2.4: 4-Pin and 2.5mm Connectors.

This image provides a detailed view of the 4-pin male and 2.5mm male connectors, crucial for ensuring compatibility with your existing display unit.

2.2 Key Features

- **Cable Type:** 4-Pin Male to Female with 2.5mm Male connector.
- **Cable Length:** Approximately 33 feet (10 meters), suitable for most vehicle installations.

- **Compatibility:** Designed for use with dash cams, mirror cams, carplay systems, and other compatible monitors.
- **Image Quality:** 1080P resolution for clear rear view.
- **Durability:** Good waterproof effect, adaptable to various harsh weather conditions (e.g., extreme temperatures, rain).
- **Wide Angle:** 120-degree field of view.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Imagebon Backup Camera. It is recommended to seek professional assistance for installation if you are unfamiliar with vehicle electrical systems.

3.1 Pre-Installation Check

- Verify that your existing dash cam, carplay unit, or monitor supports a 4-pin male to female cable with a 2.5mm male connector.
- Ensure the camera's format (AHD 1080P/720P) is compatible with your display unit. Refer to the troubleshooting section if you encounter a black and white image.

3.2 Camera Mounting

The camera is typically mounted near the license plate at the rear of the vehicle. Use the provided screws or adhesive pad to secure the camera in a position that offers a clear, unobstructed view.

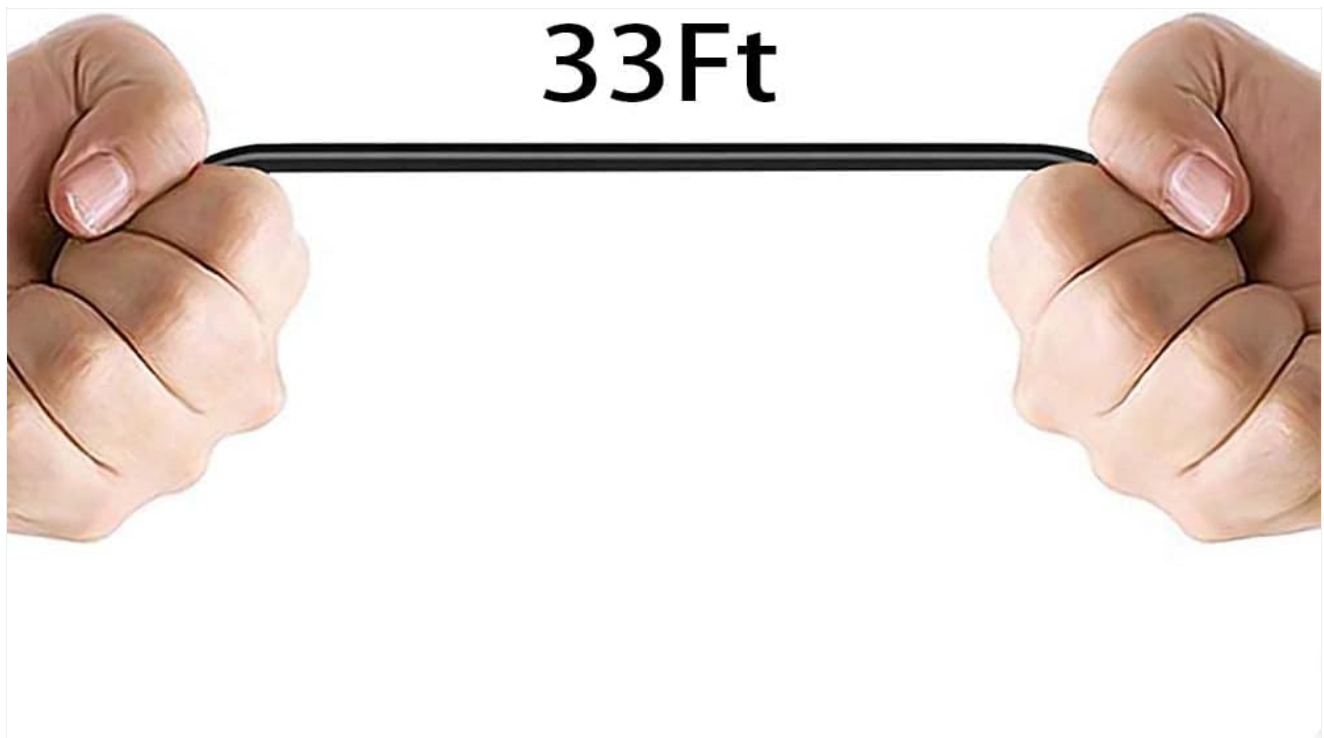


Figure 3.1: General Wiring Diagram for Backup Camera.

This diagram illustrates the typical placement of the backup camera and the routing of its cable, including the connection to the vehicle's reverse light for automatic activation.

3.3 Wiring Connections

1. **Connect the Extension Cable:** Connect the 4-pin male end of the extension cable to the camera's connector.
2. **Route the Cable:** Carefully route the 33-foot extension cable from the rear of the vehicle to the location of your display unit (e.g., dash cam, carplay screen). Ensure the cable is secured and not exposed to moving parts or excessive heat.

3. **Connect to Display Unit:** Plug the 2.5mm male end of the extension cable into the designated input port on your compatible display unit.
4. **Connect Reverse Trigger Wire:** The red trigger wire on the extension cable needs to be connected to the positive (+) terminal of your vehicle's reverse light. This connection enables the display unit to automatically switch to the camera view when reverse gear is engaged.

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Video 3.1: Installation of AHD Camera.

This video demonstrates the physical installation and wiring of an AHD camera, showing how to connect it within the vehicle's trunk area to the reverse light circuit.

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Video 3.2: AHD1080P Backup Camera License Plate Installation.

This video provides a visual guide for installing an AHD 1080P backup camera on a car's license plate, highlighting the mounting process.

4. OPERATION

Once correctly installed, the Imagebon Backup Camera operates automatically in conjunction with your vehicle's reverse gear.

4.1 Automatic Activation

When the vehicle is shifted into reverse gear, the display unit (e.g., dash cam, carplay screen) will automatically switch to show the live feed from the backup camera. This provides an immediate view of the area behind your vehicle.

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Video 4.1: Carplay Screen/Mirror Dash Cam/Monitor Testing.

This video demonstrates the backup camera's output on various display types, including a Carplay screen and a mirror dash cam, showing the automatic switch to reverse view.

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Video 4.2: Epronic 4-Pin Backup Camera in Use.

This video provides a demonstration of the Epronic 4-pin backup camera's live feed, showcasing its image quality and functionality.

4.2 Image Mirroring Adjustment

If the camera image appears mirrored by default, you may need to adjust this setting on your display unit. For Imagebon Carplay systems, navigate to **'Settings' > 'Video' > 'Rear Cam Reverse'** to restore the image to normal orientation.

When you receive the camera, the image is mirrored as defaulted, make sure your unit support the mirror function, then reset the image to normal in the unit setting

Normal

Mirror

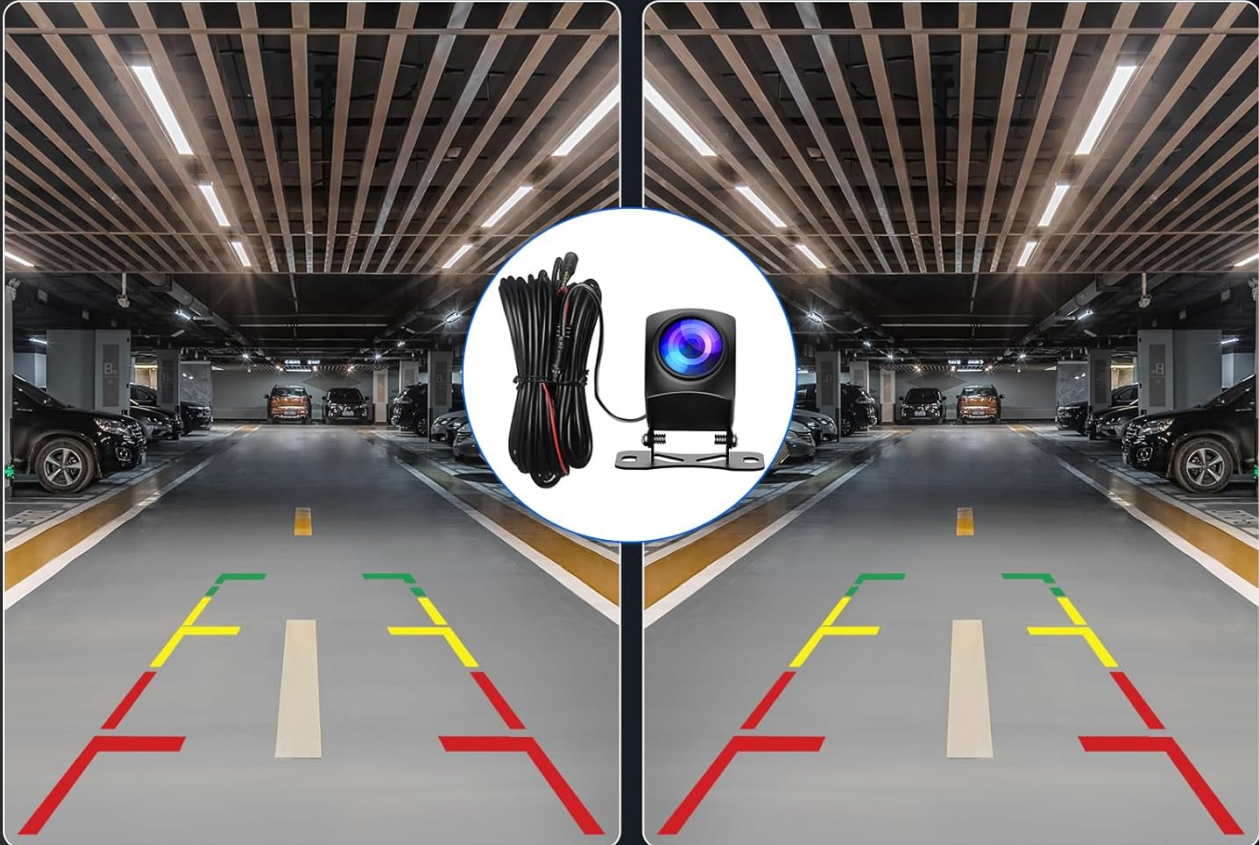


Figure 4.1: Normal vs. Mirrored Camera View.

This visual compares a normal camera view with a mirrored view, indicating the need for adjustment if the image is not correctly oriented.

5. MAINTENANCE

To ensure the longevity and clear performance of your backup camera, follow these simple maintenance guidelines:

- **Clean the Lens:** Regularly clean the camera lens with a soft, damp cloth to remove dirt, dust, or water spots that may obstruct the view. Avoid abrasive cleaners.
- **Inspect Cables:** Periodically check the cables for any signs of wear, damage, or loose connections. Ensure all connections remain secure.
- **Weather Protection:** While the camera is designed to be waterproof, extreme weather conditions can still affect performance. Ensure the camera is securely mounted to minimize exposure to direct impacts or prolonged submersion.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Imagebon Backup Camera.

6.1 No Image or Black/White Image

- **Check Connections:** Ensure all cable connections (4-pin, 2.5mm, and reverse trigger wire) are secure and correctly plugged in.
- **Incompatible Format:** If the image appears black and white or shows "No Signal," it may be due to an incompatible video format (e.g., your monitor defaults to 720P while the camera is 1080P). Some cameras have a white wire that can be cut to switch between formats.

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Video 6.1: Operating Instruction & Troubleshooting.

This video provides detailed operating instructions and troubleshooting steps, specifically addressing issues like black and white images or "No Signal" by demonstrating how to adjust the video format by cutting or reconnecting the white wire on the camera cable.

6.2 Mirrored Image

- As mentioned in the operation section, if the image is mirrored, access your display unit's settings. For Imagebon Carplay, go to '**Settings**' > '**Video**' > '**Rear Cam Reverse**' to correct the orientation.

6.3 Camera Not Activating in Reverse

- Verify that the red trigger wire is correctly connected to the positive (+) terminal of your vehicle's reverse light. A loose or incorrect connection will prevent automatic activation.
- Check your display unit's settings to ensure that the reverse camera input is enabled and configured correctly.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	6.69 x 1.97 x 1.58 inches
Item Weight	7.4 ounces
Brand	Imagebon
Compatible Devices	Monitor (Dash Cam, Carplay, Mirror Cam)
Optical Sensor Technology	CMOS
Lens Type	Wide Angle
Real Angle of View	120 Degrees
Connector Type	4-Pin Male (to camera), 2.5mm Male (to monitor)
Cable Length	33 feet

8. WARRANTY AND SUPPORT

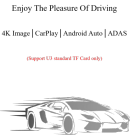




For any questions, technical assistance, or support regarding your Imagebon Backup Camera, please contact our customer service team.

- **Email Support:** Imagebons@outlook.com

- Our support team is available to assist you with any inquiries or issues you may encounter.

Please retain your proof of purchase for warranty claims. Specific warranty details may vary; refer to the product packaging or contact support for more information.

Related Documents - B0CFDVX3C2

	<p>Imagebon 9.3" Portable Car Stereo with 4K Dash Cam & ADAS User Manual</p> <p>Detailed user manual for the Imagebon 9.3" Portable Car Stereo. Covers installation, features like 4K Dash Cam, ADAS, Wireless CarPlay/Android Auto, screen mirroring, audio options, and troubleshooting.</p>
	<p>Imagebon 9.3" Portable Car Stereo with 4K ADAS Dash Cam - User Manual</p> <p>A comprehensive user guide for the Imagebon 9.3" Portable Car Stereo, detailing features like 4K ADAS Dash Cam, Wireless Apple CarPlay and Android Auto, GPS Navigation, FM/AUX/Speaker/Voice Control, and 1080P Backup Camera functionality.</p>
	<p>Imagebon 10.26 Inch Android 13 Smart Car Display - User Manual & Specifications</p> <p>Comprehensive user manual and product specification for the Imagebon 10.26 Inch Smart Car Display, featuring 8-Core processor, CarPlay, Android Auto, 5G WiFi, Bluetooth, GPS, and rearview camera functionality.</p>
	<p>Imagebon H60Pro Dashcam: 4K, CarPlay, Android Auto, ADAS User Manual</p> <p>Comprehensive user manual for the Imagebon H60Pro dashcam, detailing its 4K recording, CarPlay/Android Auto integration, ADAS features, construction, audio modes, and important usage guidelines.</p>
	<p>Imagebon H70K 11.4" 4K Dashcam with Wireless CarPlay & Android Auto - User Manual</p> <p>Comprehensive user manual for the Imagebon H70K 11.4-inch 4K dashcam, detailing its features, interface, settings, installation for rear camera and GPS, and connectivity options including wireless CarPlay and Android Auto.</p>

