

Imagebon XN-LOAD-002

Imagebon 9-Inch Portable Car Display User Manual

Model: XN-LOAD-002

1. INTRODUCTION

Thank you for choosing the Imagebon 9-Inch Portable Car Display. This device integrates wireless Apple CarPlay and Android Auto, a 4K dash camera, and a 1080P backup camera, along with ADAS assistance and GPS navigation capabilities. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and a safe driving experience.



Figure 1.1: Imagebon 9-Inch Portable Car Display.

2. WHAT'S IN THE BOX

Upon opening the package, please verify that all the following components are included:

- Imagebon 9-Inch Portable Car Display Unit
- 64 GB TF Card (MicroSD Card)
- AUX Cable
- Car Charger
- Backup Camera
- User Manual
- 3M Sticky Mount
- Long-armed Suction Cup Mount

3840 x 2160 Ultra HD



Figure 2.1: Included components in the product package.

3. PRODUCT FEATURES

- **Wireless Apple CarPlay/Android Auto:** Seamlessly connect your smartphone for navigation, calls, messages, and music via voice commands.
- **4K+1080P Dual Recording:** Features an Ultra HD 4K (3840*2160P) front camera and a Full HD 1080P rear camera for comprehensive recording and backup assistance.
- **Plug and Play Installation:** Simple setup by plugging into the cigarette lighter, allowing for quick integration into your vehicle.
- **Phone Mirroring (AirPlay/Miracast):** Project your mobile phone screen directly onto the car display.
- **Enhanced Audio Experience:** Offers four audio output modes: built-in speaker, CarPlay/Android Auto, FM transmission, and AUX connection for versatile sound options.
- **Advanced Driver Assistance System (ADAS):** Includes features like front vehicle starting reminder, forward collision warning, and lane departure warning for enhanced safety. (Note: An additional GPS antenna may be required for full ADAS functionality.)

4. SETUP AND INSTALLATION

The Imagebon Portable Car Display is designed for easy installation. Follow these steps to set up your device:

4.1 Mounting the Display

Choose between the 3M sticky mount for a permanent fixture or the long-armed suction cup for flexible placement.

1. **Select Location:** Choose a suitable location on your dashboard or windshield that does not obstruct your view or interfere with driving controls.
2. **Attach Mount:** Secure the chosen mount to the selected surface. For the suction cup, ensure the surface is clean and press firmly to create a strong seal. For the 3M sticky mount, clean the surface thoroughly before applying.
3. **Attach Display:** Slide the display unit onto the mount until it clicks securely into place. Adjust the angle for optimal viewing.

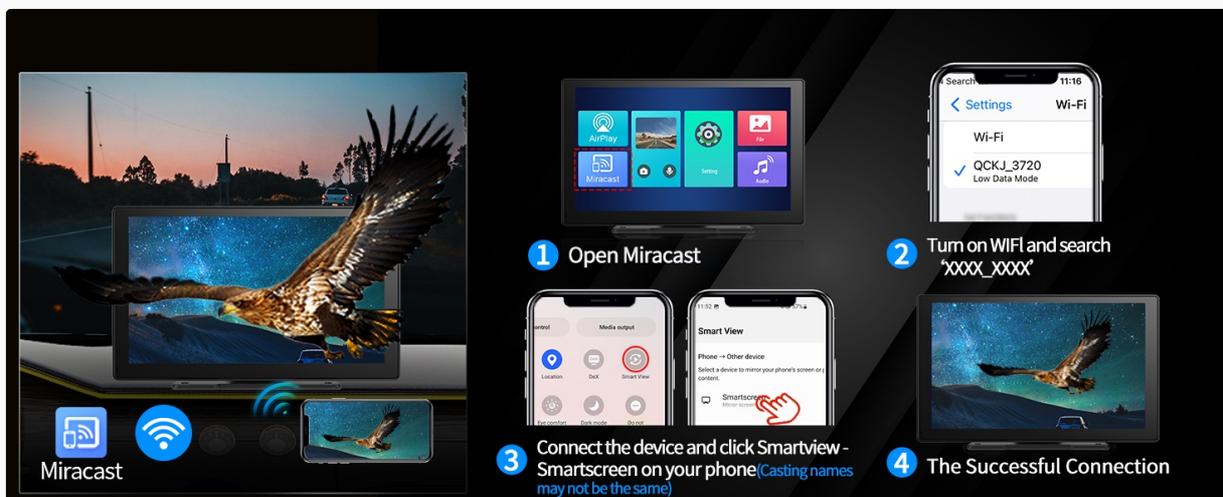


Figure 4.1: Available mounting options for the display unit.

4.2 Power Connection

Connect the car charger to the display unit and plug the other end into your vehicle's cigarette lighter socket. The device will power on automatically.

4.3 Rear Camera Installation

For the 1080P backup camera functionality, install the rear camera and connect it to the display unit. The red wire of the backup camera should be connected to your vehicle's reverse light for automatic activation when reversing.

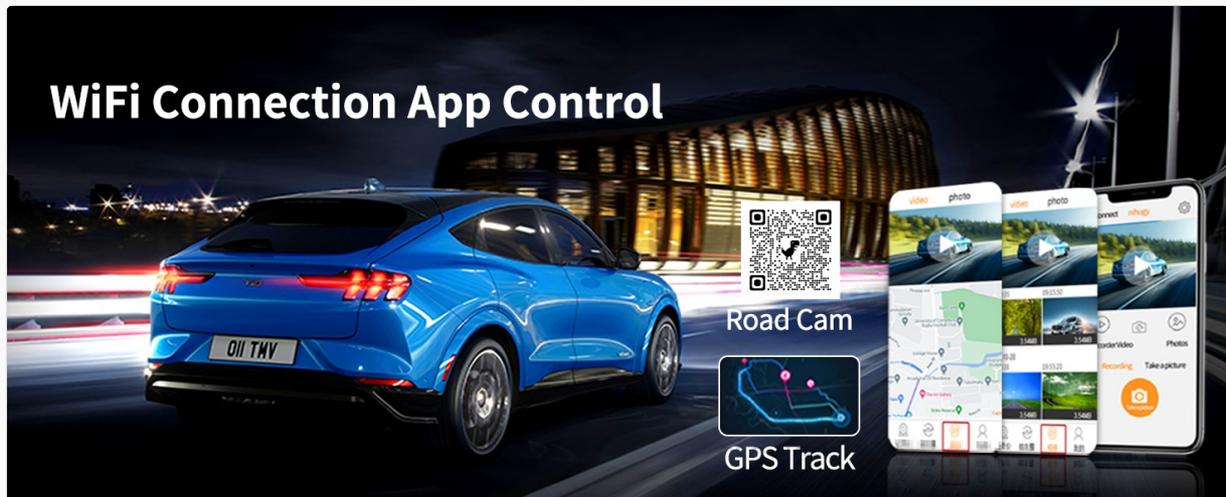


Figure 4.2: Wiring diagram for the main unit and rear camera.

5. OPERATING INSTRUCTIONS

5.1 Wireless Apple CarPlay / Android Auto

To connect your smartphone for wireless CarPlay or Android Auto:

1. On the display unit, select the "CarPlay" or "Android Auto" icon.
2. Turn on Wi-Fi and Bluetooth on your smartphone.
3. Search for the device's Bluetooth name (e.g., "XXXX_XXXX") and pair.
4. Confirm the connection on your phone. CarPlay or Android Auto will launch automatically.

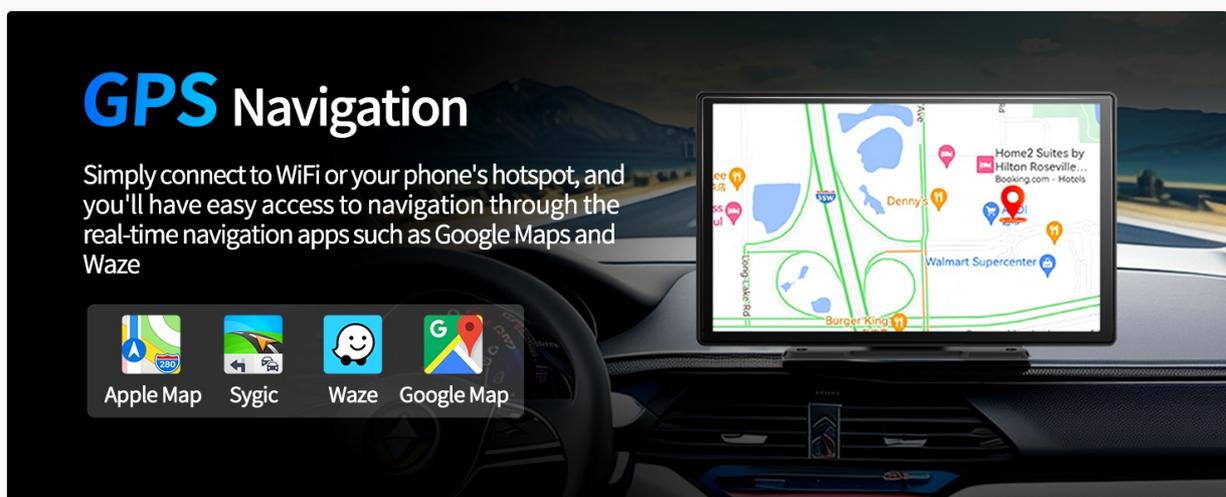


Figure 5.1: Wireless CarPlay and Android Auto connection steps.

Once connected, you can control navigation, make calls, send messages, and play music using voice commands or the touchscreen.

5.2 Phone Mirroring (AirPlay / Miracast)

To mirror your phone's screen to the display:

1. On the display unit, select "AirPlay" or "Miracast".
2. Turn on Wi-Fi on your smartphone and search for the device's Wi-Fi name (e.g., "XXXX_XXXX").
3. Connect to the Wi-Fi network.
4. On your phone, activate screen mirroring (e.g., "SmartScreen" or similar).



Figure 5.2: Phone mirroring via AirPlay or Miracast.

5.3 Dual Dash Cam Recording (4K Front + 1080P Rear)

The device continuously records footage from both front and rear cameras. The included 64GB MicroSD card provides ample storage. Footage is recorded in a seamless loop, overwriting the oldest files when the card is full.

Your browser does not support the video tag.

Video 5.1: Official overview of the Imagebon 9-inch Portable Carplay Screen with 4K Dash Cam, demonstrating key features and functionality.

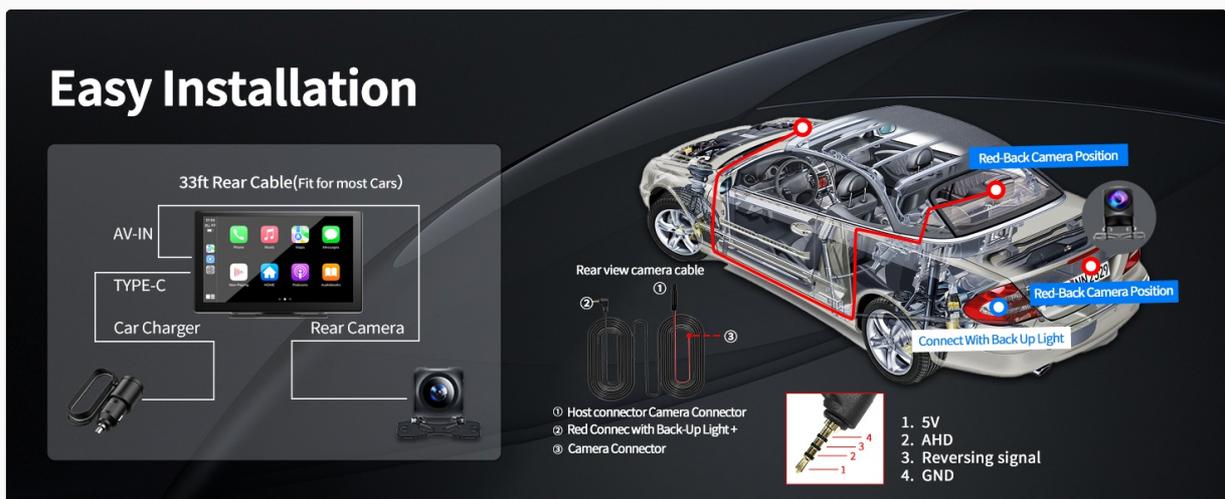


Figure 5.3: Seamless loop recording for continuous coverage.



Figure 5.4: Dual camera recording views (Front + Rear, Front, Rear).

To view recorded videos or access settings, use the dedicated "Dash Cam" or "Files" application on the display. You can also connect to the device's Wi-Fi and use the [RoadCam app](#) on your smartphone for remote access and GPS tracking.

5.4 Real-Time Reverse View

When the rear camera is properly connected to your vehicle's reverse light, the display will automatically switch to the real-time reverse view when you engage reverse gear. You can slide the screen to switch between front and rear camera views. Backup guide lines will automatically appear.



Figure 5.5: Real-time reverse view with parking assist lines.

5.5 Audio Output Modes

The display offers multiple ways to output audio to your car's sound system:

- **Native Audio:** Audio plays directly from the display's built-in speaker.
- **AUX Audio:** Connect the provided AUX cable from the display to your car's AUX input for high-quality audio.
- **FM Audio:** Transmit audio to your car's FM radio by tuning to a specific frequency.
- **Bluetooth Audio:** For CarPlay/Android Auto, ensure your phone is directly connected to your original car's Bluetooth for audio output.



Figure 5.6: Available audio output options.

5.6 GPS Navigation

Simply connect the display to Wi-Fi or your phone's hotspot to access real-time navigation apps such as Google Maps and Waze through CarPlay or Android Auto.

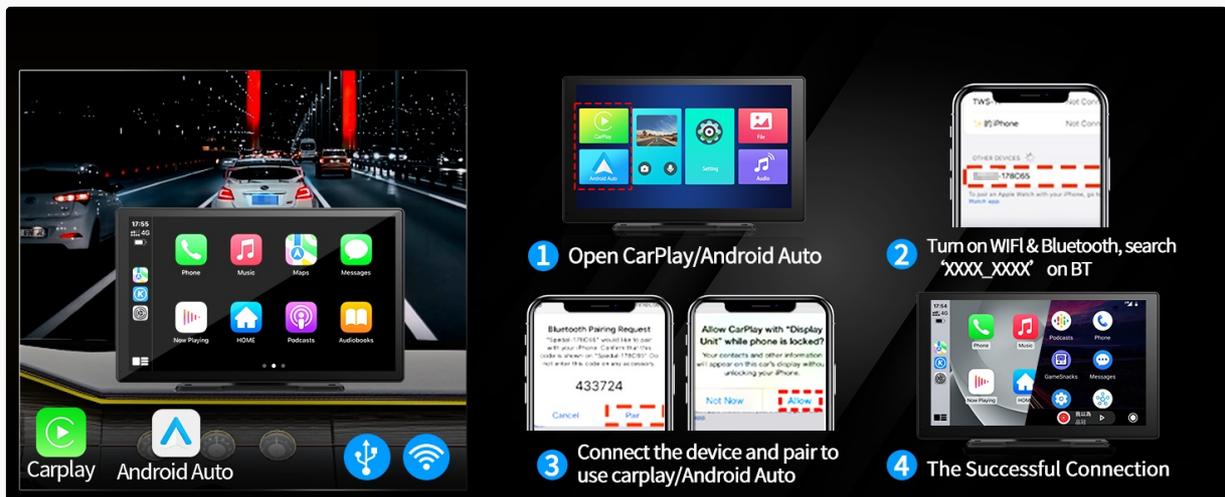


Figure 5.7: GPS navigation with popular map applications.

5.7 Advanced Driver Assistance System (ADAS)

The integrated ADAS enhances driving safety with features like:

- **Front Vehicle Starting Reminder:** Alerts you when the vehicle in front starts moving.
- **Forward Collision Warning:** Provides alerts to help prevent front-end collisions.
- **Lane Departure Warning:** Notifies you if you drift out of your lane without signaling.

Note: An additional GPS antenna is required to activate some ADAS features.

ADAS Technology for Safe Driving

ADAS (Advanced Driver Assistance Systems) enhances driving experience by helping prevent accidents and ensuring a safer journey

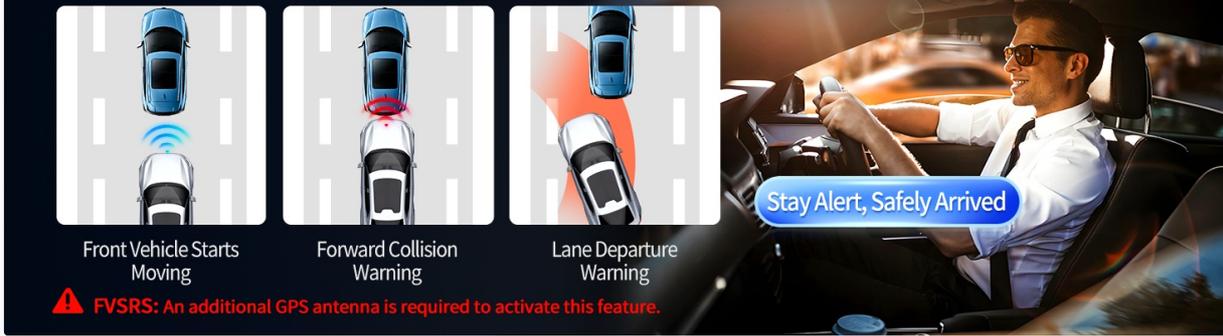


Figure 5.8: ADAS features for enhanced driving safety.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Imagebon Portable Car Display, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. Avoid abrasive cleaners or solvents.
- **Temperature:** Avoid exposing the device to extreme temperatures (very hot or very cold) for extended periods.
- **Storage:** If storing the device for a long time, disconnect it from power and store it in a cool, dry place.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates to improve performance and add new features.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device keeps shutting down/turning off sporadically.	Insufficient power supply or shared power outlet.	Ensure the device is connected to a dedicated power source in your car. Avoid sharing the cigarette lighter port with other high-power devices. Unplug and replug the device to reset.
CarPlay/Android Auto does not connect or lags.	Bluetooth/Wi-Fi interference, incorrect pairing, or phone not connected to device's Wi-Fi.	Ensure your phone's Wi-Fi and Bluetooth are on. Verify the device's Bluetooth name and connect. If issues persist, try forgetting the device on your phone and re-pairing. Ensure your phone is connected to the device's Wi-Fi for CarPlay/Android Auto.
Audio quality is poor or has static (FM mode).	FM frequency interference.	Try a different FM frequency on the display and your car radio. Consider using the AUX cable for a more stable audio connection.
Call audio is low or unclear for the other party.	Microphone sensitivity or environmental noise.	Adjust microphone settings if available. Ensure windows are closed to minimize external noise. Check for firmware updates that might address audio issues.

Problem	Possible Cause	Solution
Rear camera not displaying.	Incorrect wiring or camera malfunction.	Verify the red wire of the backup camera is correctly connected to the reverse light. Check all cable connections.

8. SPECIFICATIONS

Brand	Imagebon
Model Number	XN-LOAD-002
Screen Size	9 Inches (23 cm)
Resolution	1024 x 600
Front Camera Resolution	4K (3840*2160P)
Rear Camera Resolution	1080P (Full HD)
Connectivity Technology	Bluetooth, Wi-Fi
Mounting Type	Dashboard Mount, Panel Mount
Product Dimensions	1 x 3.94 x 9.45 inches
Item Weight	2 pounds
Country of Origin	China

9. WARRANTY AND SUPPORT

Imagebon is committed to providing high-quality products and excellent customer service. For any questions, concerns, or technical support, please contact us via email:

Email: Imagebons@outlook.com

Our support team is available 24/7 to assist you and resolve any arising issues.

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Model Difference

Date: 2023.06.03

Product description: Portable Car Stereo

Model name: 1026-R6-XL DPro, 1026-R6-XLD, 1126-R6-XLDPro, 7-R6, 7-R6-Pro, 1026-SPNand XTYNPro, 1026-SPNand XTY, 1026-SPNand XTYPro, 1026-SPNand XLD, 1026-SPNand XLDPro, 686-Son-XLD, 686-DouN-XLD, 1026-Son-XTY, 686-DouN XTY, 1026-Son XTY, 686-Son XLD, 686-DouN XLD, 1026-Son XLD, 686-Son XTY, 686-DouN XTY, 1026-Son XTY, XN-LOAD-001, XN-LOAD-002, XN-LOAD-003, XN-LOAD-004, XN-LOAD-005, XN-LOAD-006, XN-LOAD-007, XN-LOAD-008, XN-LOAD-009, XN-LOAD-010

Trade Name: Imagebon

FCC ID: 2BBHX-1026

All the model are the same circuit and RF module, except model names.

Report

Security

Client's signature 

Client's name / (Seal) Song hahua (Corporation)

Contact information address: Xinjiao Street, Huangpu Community, Baolan District, Renhangqunhui Building A1304, Shenzhen, Guangdong

[Imagebon Portable Car Stereo Model Differences and Specifications](#)

Details the model differences, trade name (Imagebon), FCC ID (2BBHX-1026), and technical specifications for various Imagebon portable car stereo models manufactured by Shenzhen Yuejia e-commerce Co., Ltd.

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