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› [Fookoo](#) /

› [Fookoo HD 1080P 7-inch Wireless Backup Camera System User Manual](#)

Fookoo DW7CT

Fookoo HD 1080P 7-inch Wireless Backup Camera System User Manual

Model: DW7CT

1. PRODUCT OVERVIEW

The Fookoo HD 1080P 7-inch Wireless Backup Camera System (Model DW7CT) is designed to enhance driving safety by providing a clear, wide-angle view of your vehicle's rear surroundings. This system features a 7-inch IPS monitor and a robust IP69 waterproof license plate camera, transmitting high-definition 1080P color images wirelessly. It is suitable for various vehicles including cars, pickups, vans, SUVs, and campers, offering stable signal transmission and customizable parking guidelines.



Figure 1.1: Fookoo DW7CT Wireless Backup Camera System components.

2. WHAT'S IN THE BOX

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

- 7-inch Monitor
- Licence Plate Camera
- Car Charger
- Power Cord
- Instruction Manual
- Suction Cup Mount
- Antennas (for monitor and camera)
- U-shaped Bracket
- Sunshade
- Installation Kit (various screws and connectors)

Package List



7" Monitor



U-shaped Bracket



Sunshade



License Plate Camera



Installation Kit



Antenna



Suction Cup Mount



Car Charger



Power Cord

Figure 2.1: All components included in the Fookoo DW7CT package.

3. SETUP AND INSTALLATION

The Fookoo Wireless Backup Camera System is designed for simple, DIY installation, typically completable within 30 minutes. Follow these steps for proper setup:

3.1. Camera Installation

1. **Mount the License Plate Camera:** The camera is integrated into a long license plate bracket. Securely mount this bracket behind your vehicle's license plate using the provided screws. This design ensures no drilling is required and does not obscure your license plate number.
2. **Connect Camera Power:** Connect the camera's power cable to your vehicle's 12V power supply.
 - For continuous monitoring (drive monitoring), connect the wires to the license plate lights or taillights.
 - For reverse-only activation, connect the wires to the reverse lights.
3. **Attach Camera Antenna:** Screw the antenna securely onto the camera unit.



Figure 3.1: Simple two-step installation process for the license plate camera.

3.2. Monitor Installation

1. **Choose Mounting Location:** The 7-inch monitor can be mounted on your dashboard using the U-shaped bracket or on the windshield using the suction cup mount. Select a location that provides optimal viewing without obstructing your driving view.
2. **Attach Monitor Antenna:** Screw the antenna securely onto the monitor unit.
3. **Connect Monitor Power:** The monitor can be powered in two ways:
 - **Car Charger:** Plug the car charger into your vehicle's cigarette lighter socket.
 - **Power Cord:** Connect the power cord directly to your vehicle's 12V power source (e.g., fuse box, ACC power).

Easy Installation within 30Mins

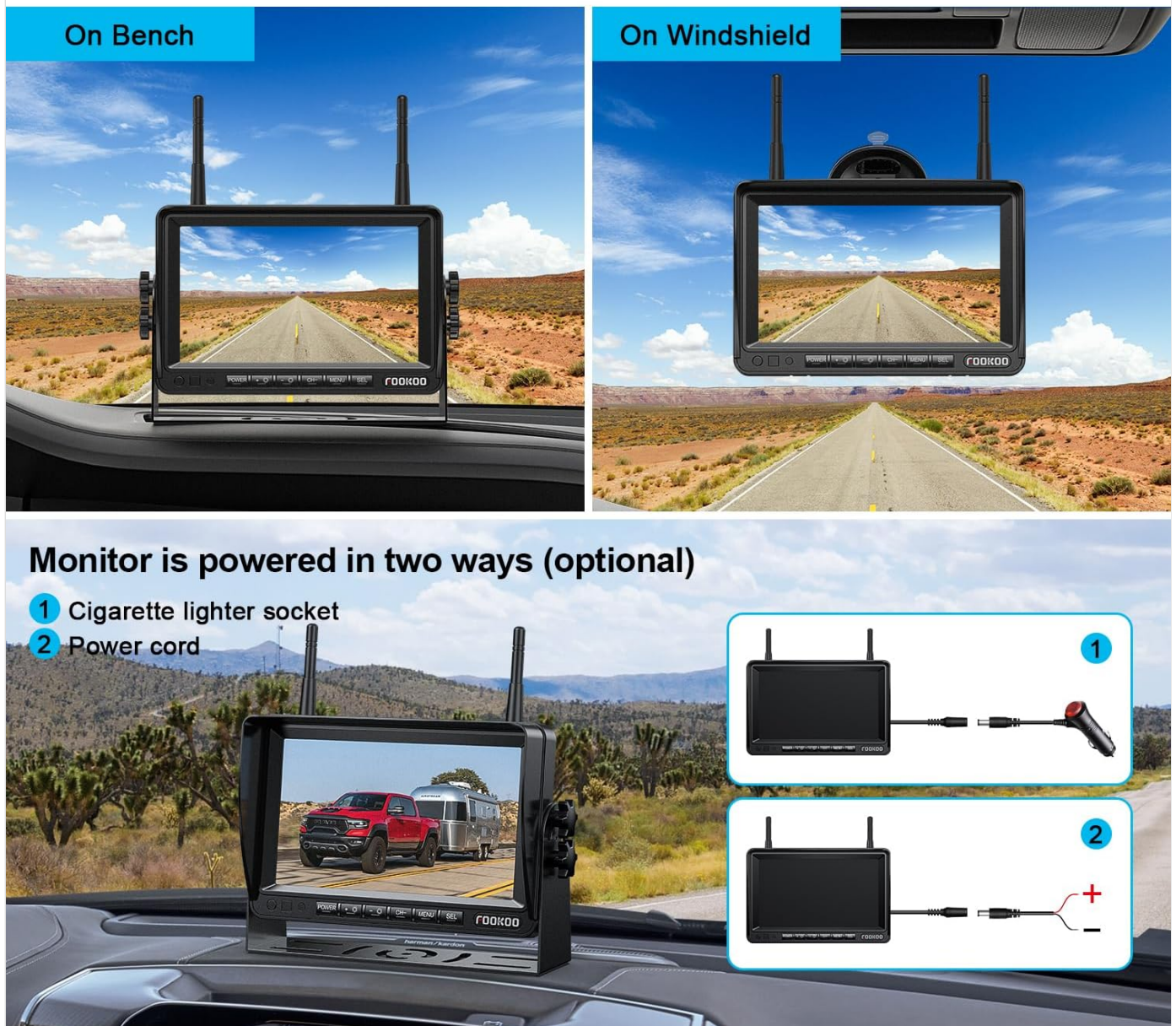


Figure 3.2: Monitor mounting and power connection options.

Once both the camera and monitor are powered on, the system will automatically establish a wireless connection. The 2.4GHZ digital signal transmission ensures a stable and real-time 1080P HD image.

Signal Transmission Stable and Fast

Supports up to two cameras



Figure 3.3: Stable wireless signal transmission up to 128 feet.

4. OPERATING INSTRUCTIONS

The 7-inch IPS monitor offers a range of functions to optimize your viewing experience and enhance safety.

4.1. Monitor Functions

The monitor features intuitive controls for various settings:

- **Brightness Adjustment:** Adjust the screen brightness to suit ambient light conditions for optimal visibility.
- **Image Flip Function:** Flip the image horizontally or vertically to correct orientation based on camera mounting.
- **Dual Split Screen:** The monitor supports a dual-split screen mode, allowing you to view feeds from two cameras simultaneously. This system can be expanded by adding a second camera (sold separately).
- **Full Screen Mode:** View the feed from a single camera in full screen.
- **Mirror Mode:** The image can be mirrored, which is typical for rear view applications.

High Definition Images



Brightness



Contrast



P-Line



Flip Mode



HD 1080P

During the day and in bright areas, the camera will provide a clear color picture.



IR Night Vision

At night or in dark places, the infrared light will be triggered and will automatically turn into a clear black and white picture.



Figure 4.1: Monitor display options including brightness, contrast, and image adjustments.

IPS HD Screen Physical Resolution Wireless Transmission Effective Pixel
7" 1024*600 2.4GHz HD 1080P



1080P



Full screen



Dual split screen



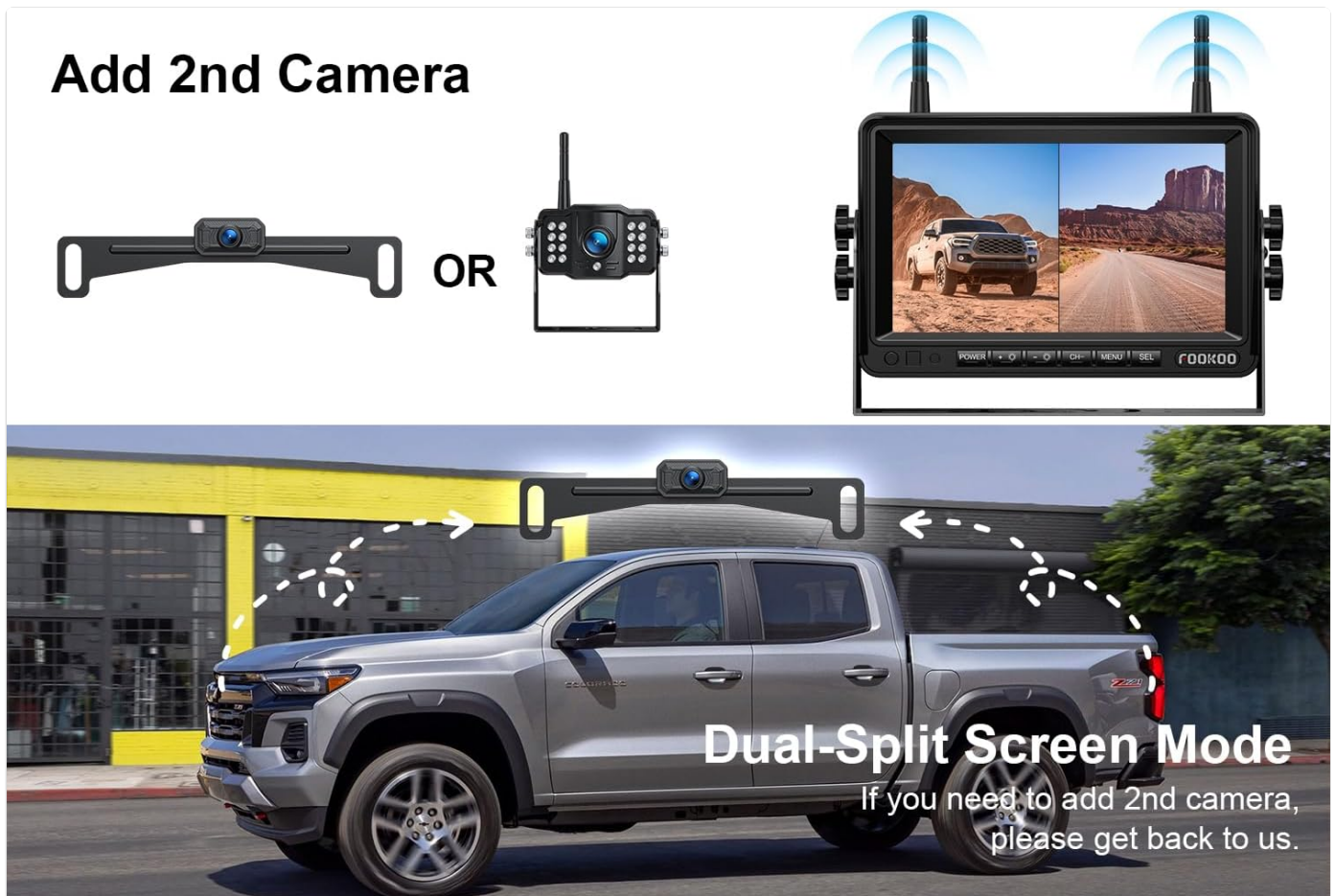
Mirror



P-Line

Figure 4.2: Various display modes available on the 7-inch monitor.

Add 2nd Camera



Dual-Split Screen Mode
If you need to add 2nd camera, please get back to us.

Image Mirror & Flip



Dual-split screen mode for multi-camera setups.

Figure 4.3: Dual-split screen mode for multi-camera setups.

Dual-split Design Supports Two Cameras

You can add a second camera as needed to minimize blind spots and drive safer.



Please get back to us if needed.

Add 2nd Camera

Figure 4.4: The system supports adding a second camera for expanded view.

4.2. DIY Parking Grid Lines

The system allows for customization of parking grid lines to assist with precise parking. You can adjust the width, height, and position of these lines to match your vehicle and parking habits. The grid lines can also be turned off if not desired.

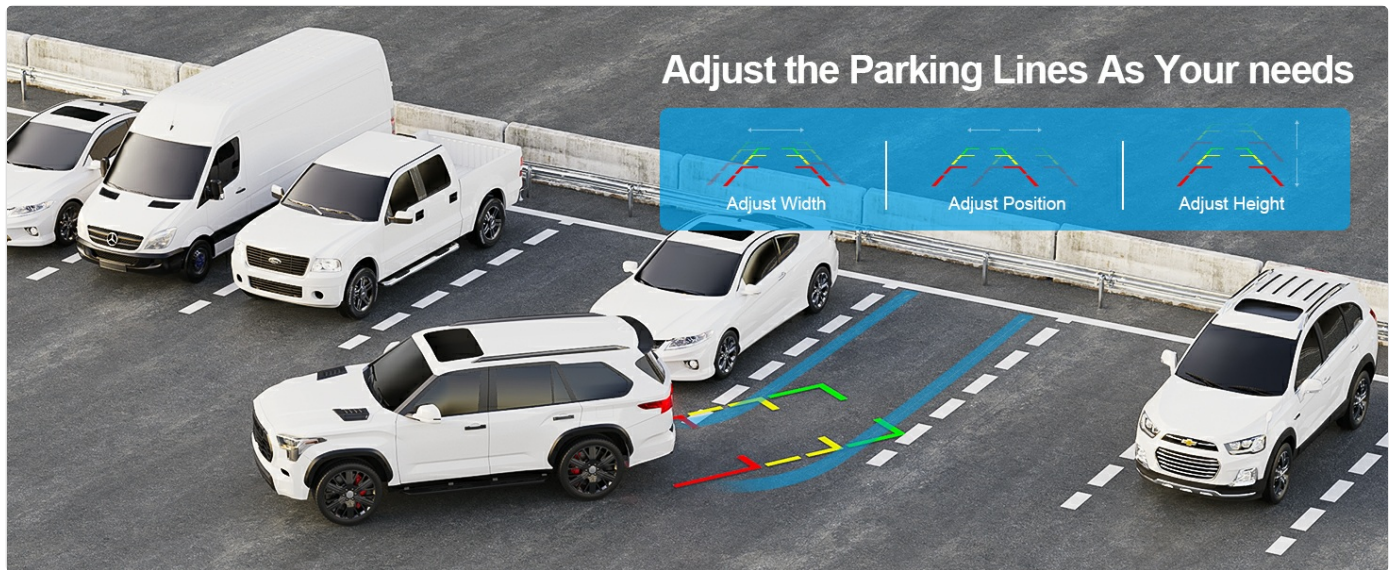


Figure 4.5: Customizable parking grid lines for enhanced parking assistance.

4.3. Image Quality and Night Vision

The system utilizes a CCD image sensor and embedded processing chip to deliver stable, high-definition 1080P color images. In low-light or dark conditions, the infrared (IR) night vision feature automatically activates, providing clear black and white images.

High Definition Images



Brightness



Contrast



P-Line



Flip Mode



HD 1080P

During the day and in bright areas, the camera will provide a clear color picture.



IR Night Vision

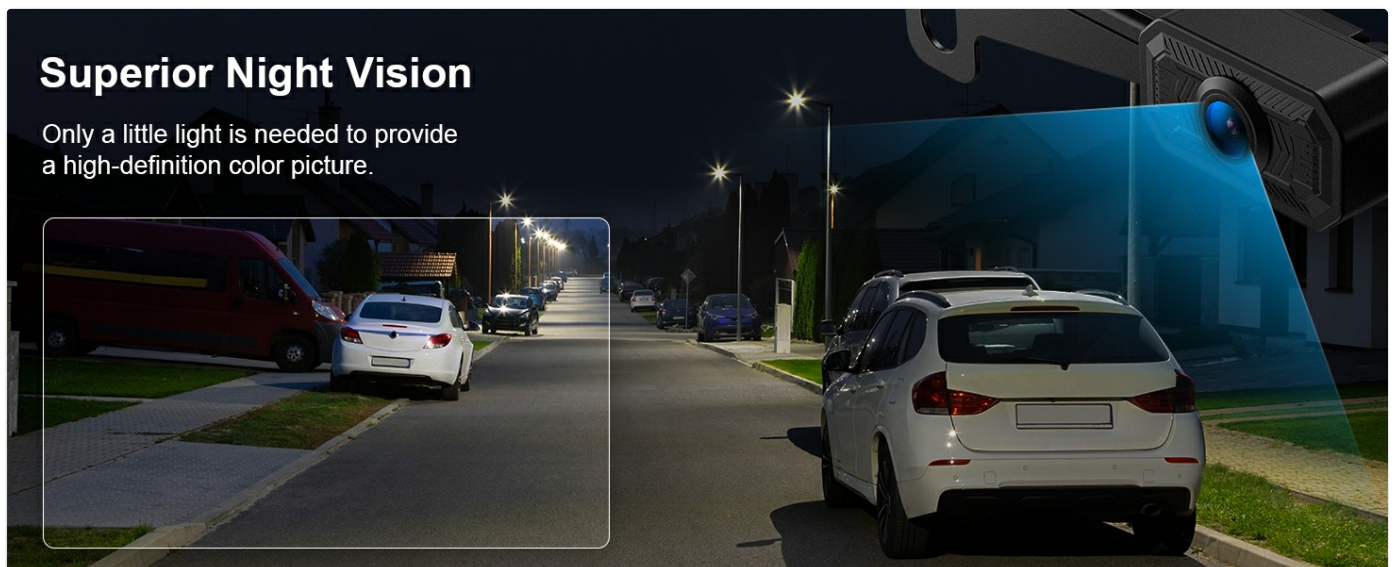
At night or in dark places, the infrared light will be triggered and will automatically turn into a clear black and white picture.



Figure 4.6: Comparison of daytime HD 1080P and night vision image quality.

Superior Night Vision

Only a little light is needed to provide a high-definition color picture.



5. MAINTENANCE

To ensure the longevity and optimal performance of your Fookoo Wireless Backup Camera System, follow these maintenance guidelines:

- **Camera Cleaning:** 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.
- **Monitor Cleaning:** Use a soft, dry, anti-static cloth to clean the monitor screen. Do not spray liquid directly onto the screen.
- **Cable Inspection:** Periodically check all power cables and connections for any signs of wear, fraying, or loose connections. Ensure they are securely fastened.
- **Waterproof Rating:** The license plate camera has an IP69 waterproof rating, meaning it is highly resistant to water and dust. However, avoid directing high-pressure water jets directly at the camera for extended periods during car washes.

IP69 Waterproof



Waterproof



-22°F



176°F



Figure 5.1: The IP69 waterproof camera is designed for durability in various weather conditions.

IP69K Waterproof Camera

Stay with you longer without fear of the rain or car washes.



Figure 5.2: The camera's robust waterproof design ensures long-term performance.

6. TROUBLESHOOTING

If you encounter any issues with your Fookoo Wireless Backup Camera System, please refer to the following common troubleshooting steps:

6.1. No Image on Monitor / Black Screen

- **Check Power Connections:** Ensure both the monitor and camera are receiving power. Verify that the car charger is firmly plugged into the cigarette lighter socket or that the power cord is correctly wired to the 12V source.
- **Verify Camera Power:** If the camera is wired to reverse lights, ensure the vehicle is in reverse gear.
- **Check Antennas:** Ensure both the monitor and camera antennas are securely attached.
- **Signal Interference:** While designed for stable transmission, extreme electromagnetic interference can affect the signal. Try repositioning the monitor slightly if possible.

6.2. Image Flickering or Unstable

- **Power Supply:** Ensure a stable 12V power supply to both units. Fluctuating voltage can cause instability.
- **Signal Strength:** While the system has a strong signal, ensure there are no major metallic obstructions directly between the camera and monitor.
- **Antenna Orientation:** Slightly adjust the angle of the antennas on both the monitor and camera to optimize signal reception.

6.3. Parking Lines Incorrectly Aligned

- **Adjust Settings:** Access the monitor's menu to adjust the width, height, and position of the DIY parking grid lines as described in Section 4.2.

6.4. Poor Night Vision

- **Clean Lens:** Ensure the camera lens is clean and free from dirt or smudges that might obscure the infrared sensors.
- **Ambient Light:** While the system has superior night vision, extremely dark environments with no ambient light might still present challenges.

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

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	8.9 x 6.5 x 5.1 inches
Item Weight	2.4 pounds
Display Technology	LCD
Screen Size	7 Inches
Video Capture Resolution	1080p

Wireless Transmission	2.4GHZ Digital Signal
Voltage	12 Volts
Optical Sensor Technology	CCD
Lens Type	Wide Angle
Camera Waterproof Rating	IP69
Operating Temperature	-22°F to 176°F (-30°C to 80°C)
Compatible Devices	Fookoo Wireless Backup Camera System
Color	Deep Black
Manufacturer	Fookoo

8. WARRANTY AND SUPPORT

Fookoo provides comprehensive support for your product:

- **Warranty:** This product comes with a**24-month replacement warranty**.
- **Lifetime After-Sales Service:** Fookoo offers lifetime after-sales service for this product.
- **Contact Support:** If you encounter any defects, require assistance with installation, operation, or troubleshooting, please contact Fookoo customer service. They are available 24 hours to provide support.

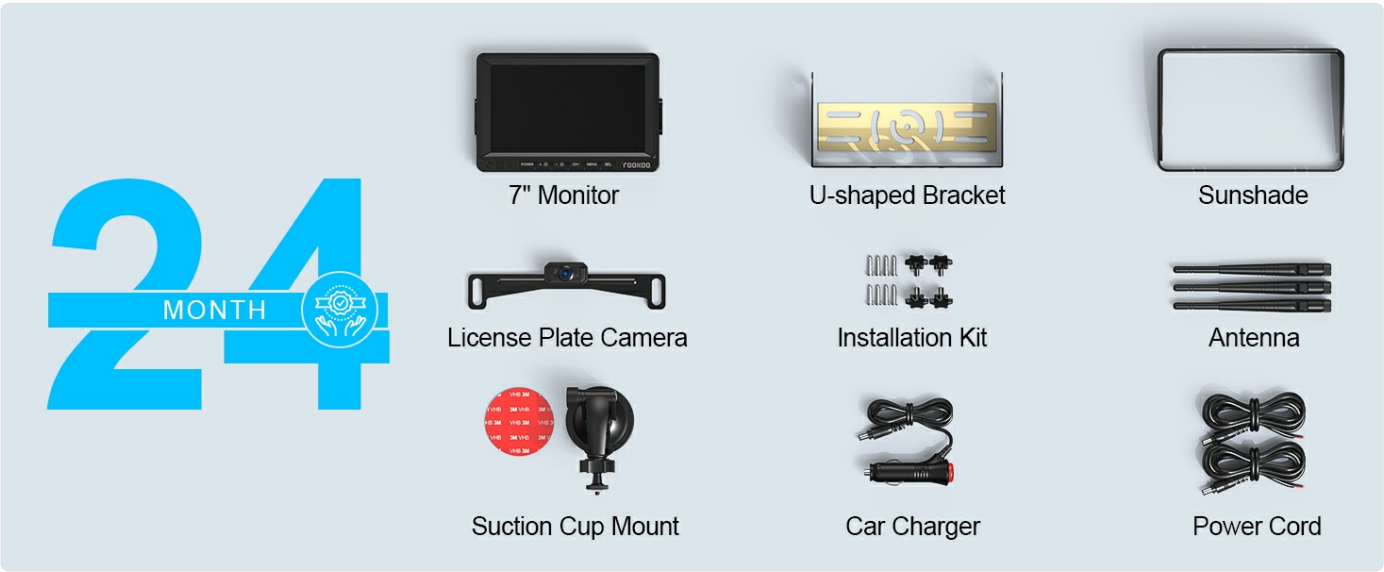


Figure 8.1: Warranty information and package contents overview.



FOOKOO



Fookoo HD Wired 10" Backup Camera System
(DY101)
Installation and Operation Guide

[Fookoo DY101 HD Wired 10-inch Backup Camera System: Installation and Operation Guide](#)

This guide provides detailed instructions for installing and operating the Fookoo DY101 HD Wired 10-inch Backup Camera System. Learn about system components, setup procedures, feature usage, and troubleshooting tips for enhanced vehicle safety.