

AOMOSUR
MAKE AUTO SAFE



User Manual

*Upgraded Low power Consumption Magnetic Wireless
Solar Backup Camera System*

The functional description in this manual is subject to change
without prior notice

AOMOSUR

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A. Foreword

Thank you for purchasing committed to providing high-quality products and bringing a good experience to our customers. It's our great honor to have your trust! This manual includes product descriptions and operation descriptions. To get the best performance, read the manual carefully before installing and keep the manual correctly.

If you're experiencing the following situations:




1. Open the package, finding something is broken or missing.
2. Open the package, and don't like the product.
3. Order a wrong product.
4. Need technical support.
5. Encounter problems with the camera in use.
6. Have any other problems or needs.

Please feel free to e-mail our customer service team at any time:

Please bring your order number or product model when sending emails. Each of your messages will be answered within 12 hours. We will help you solve your problems and provide you with the best customer service and technical support!

B. Package List

	
7" Monitor	Suction Cup Bracket
	
U-Bracket Sticker	Cigarette lighter power cord
	
Monitor Power extension cable	Camera Charger
	
Camera	Screws*4

	
Remote Control	Antenna x3
	
Fixed iron plate	

If you find that the product in the packaging is damaged or lacks accessories, please send your [#order number](#) and your [Shipping address/phone number](#) to the after-sales customer service email, and we will immediately handle it.

C. Introduction to Camera



- ① Camera Lens ② Light sensor ③ Infrared LEDs
④ Charging light ⑤ Battery Indicator lights ⑥ Power button
⑦ Magnetic base ⑧ Solar panel ⑨ Antenna interface
⑩ USB-C charging port (waterproof rubber)

	1 to 33% of the remaining power
	34 to 66% of the remaining power
	67 to 100% of the remaining power
	Charging

a) Camera low-power standby mode

When the monitor loses power for over 2 minutes, the camera will automatically switch to a low-power standby mode. To turn off the camera, press and hold the power button for more than 3 seconds.

b) Camera low battery warning



When the monitor displays this icon, it indicates that the camera's battery is running low. Please use the USB-C cable included in the package to recharge it.

Resolution	HD 1920×1080 (3 Million)
Transmission Range	328ft in unobstructed space
Battery Capacity	9600mA
Battery Charging Time	USB 5V 2A / 5H
Installation Mode	Magnet base adsorption installation
Night Vision	Support IR
Waterproof level	IP69

D. Introduction to Monitor



1. **-**: Reduce/Select Button
2. **M**: Settings/ Back Button
3. **+**: Increase/Select Button
4. **OK**: Confirm Button/ Turn on/off recording
5. **CH**: Switch Channel Button
6. **A**: Show/No Parking Guideline Button
7. **Power**: Screen Off Button (Does not power off)

Tip: Only when the monitor is powered off, the camera will enter a low-power standby mode.

Monitor	
Size	7 inch
Type	IPS
Brightness	500 cd/m ²
Power input	DC 12-35V
Maximum power	Max 6W
Support channel	Support up to 2 cameras
Mirroring	Support
Recording Video	Support
SD Card	Support up to 128G

E. Installation

1. Install the Camera and Monitor Antennas.



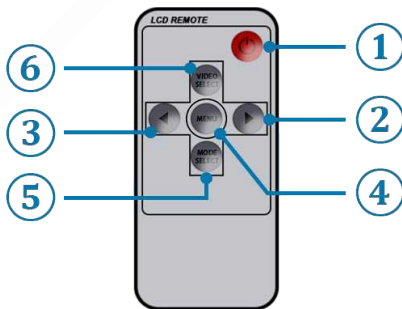
2. Insert the Monitor Power Cord into the Cigarette
Lighter and Connect.



3. Press the camera power button, and after a few seconds, the monitor will automatically display the camera's image. (Because the camera is already paired with Channel 1 of the monitor at the factory, no further action is required.)



F. Remote Control Introduction



① On/Off the Monitor (It won't power off, just the screen will go to sleep.)

② Increase/Select Downward

③ Decrease/Select Upward

④ Enter Settings/Go Back

⑤ Confirm

⑥ Switch Channels



G. Monitor Function Introduction

c) System Settings Menu



Switch the monitor channel to Channel 1 or Channel 2 using the "CH" button and access the system settings menu by pressing the "M" button.

d) PAIRING



After pressing the “M” button to enter the menu page,
then press the “OK” button to confirm to enter the
“PAIRING” page for pairing and connecting the camera.

The system defaults to the camera with channel1. If you want to add an additional camera to your monitor, you can switch the channel to channel2 and enter the menu pairing new camera.

e) PICTURE



Press the 'M' button to enter the menu page, then press the '+' button, and finally press the 'OK' button to access the Picture menu, where you can adjust the monitor's brightness,

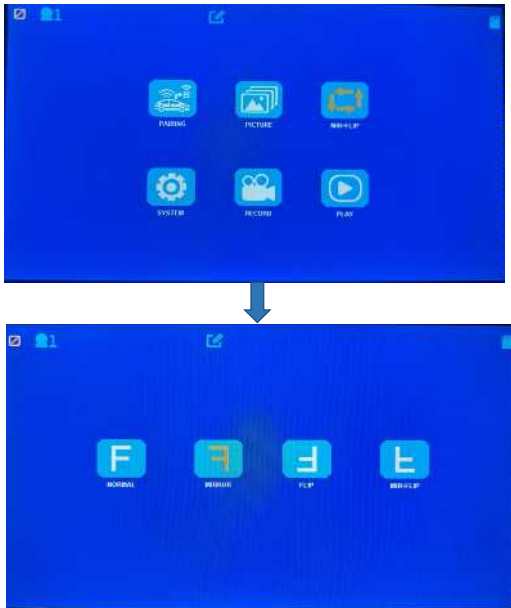
contrast, hue, and volume.

1. Brightness: After entering the "PICTURE" page, press the "OK" button again, and then press the "+" or "-" buttons to adjust the brightness. After making the adjustment, you can press the "OK" button to confirm or press the "M" button to return and make other settings.

2. Contrast: After entering the "PICTURE" page, press the "+" button and then press the "OK" button to access the settings. Use the "+" or "-" buttons to adjust the contrast. After completing the adjustment, you can press the "OK" button to confirm, and then press the "M" button to return.

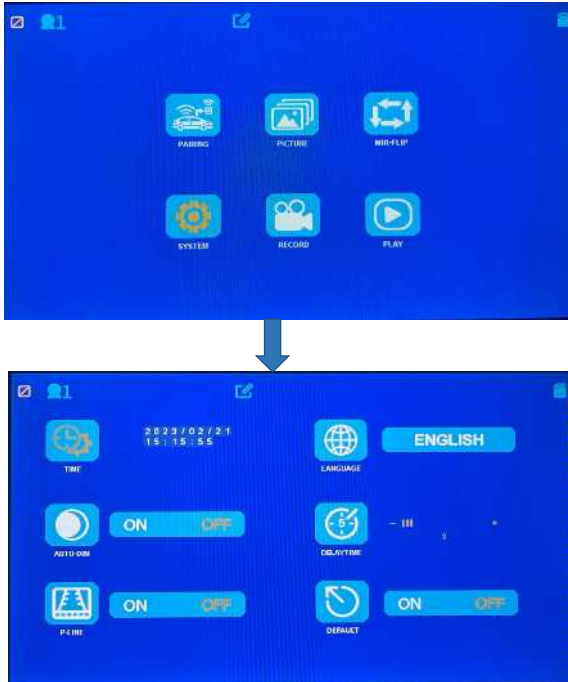
3. Hue: After entering the "PICTURE" page, press the "+" button twice and then press the "OK" button to access the settings. Use the "+" or "-" button to adjust the hue. Press the "OK" button to confirm the adjustment, and then press the "M" button to return after confirmation.

f) MIR-FLIP



After entering the menu page, press the '+' button twice and then press 'OK' to access the settings page. Make your desired adjustments, and once they are complete, press 'OK' to confirm. Press the 'M' button to go back.

g) SYSTEM



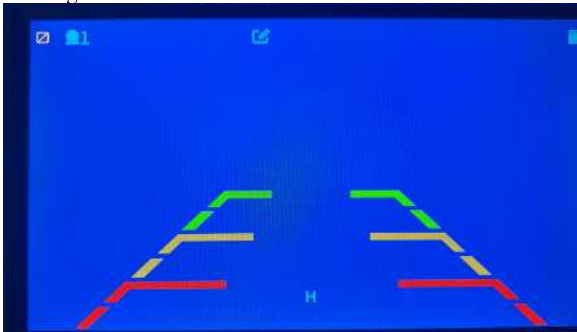
After entering the menu page, press the '+' button three times and then press 'OK' to access the TIME, LANGUAGE, AUTO-DIM, DELAYTIME, P-LINE, and DEFAULT settings.

1. Time:

In the 'SYSTEM' page, press 'OK' once, then use the '+' or '-' buttons to set the year. Press 'OK' again to set the month and continue setting the day and other time details as needed. Press 'OK' to confirm, or simply press 'M' to exit quickly after completing the setup.

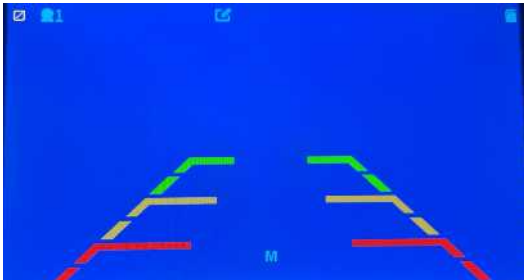
2. P-LINE:

Press the '+' button to enter the P-LINE menu, then press 'OK' to access the P-LINE page. Select 'ON' and confirm by pressing 'OK.' When 'H' appears in the middle of the display, use the '+' or '-' buttons to adjust the guidance line height.

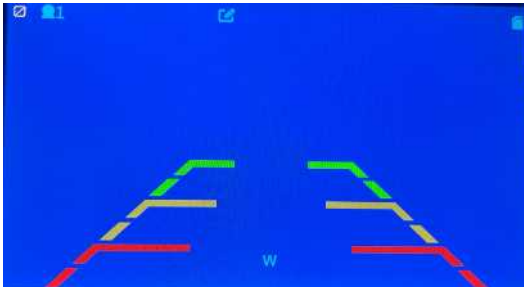


Press 'OK' twice when 'M' appears in the center of the monitor

to adjust the left-right position of the guideline. Use the '+' button to move it right and the '-' button to move it left.



Press the 'OK' button three times when 'W' appears in the center of the monitor to adjust the width of the guideline. Use the '+' button to widen it and the '-' button to narrow it.



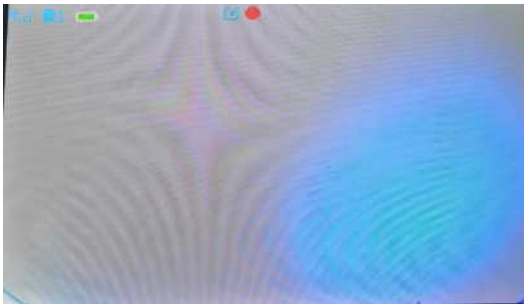
h) RECORD



After entering the menu page, press the '+' button four times, then select 'RECORD,' and press 'OK' to access the RECORD settings.

1. REWRITE: Loop Recording
2. FORMAT: Format memory card

Tip: When the red dot at the top of the monitor is flashing, it indicates that the monitor is recording footage (as shown below).



i) PALY



After entering the menu page, press the 'M' button to access the menu, then press the '+' button five times (or once after entering the menu '-') to select 'PLAY,' and confirm by pressing 'OK.' Here, you can play video files. Loop recording is supported, and it will automatically overwrite old files when the SD card storage is full.

H. MENU FAQ

Q1: Why is the signal very weak? Image delay?

A1: Make sure the antenna of the camera and the monitor is firmly installed, and the antenna does not touch the metal because the metal blocks the signal. You can also try to replace the camera or monitor antenna with extended antenna to expand the signal transmission range.

Q2: Does the monitor support to add a second camera?

A2: YES! The monitor supports up to 2 cameras

Q3: How to attach the camera to a non-metallic vehicle?

A3: The package includes a metal plate and dedicated screws. You can secure the metal plate in your desired location and then magnetically attach the camera to it. Please note that before securing the metal plate, avoid bringing the metal plate close to the camera.

I. Tips

1. It is recommended that the backup camera be charged for **5-6 hours** for the first time.
2. The Antenna can't touch any metal, or it will greatly affect the video signal transmission.
3. The camera cannot fully rely on solar charging, and solar energy can only extend the working time of the camera.
It is necessary to charge with a charger regularly. Please do not use the data cable and charger with the fast charge protocol to charge it.

J. Customer Service

Aftermarket Warranty

- ◆ AOMOSUR The main unit is covered by a 1-year warranty from the date of purchase by the customer. The accessories included in the unit are covered by a 1-year warranty from the date of receipt by the customer.

Warranty way

- ◆ Repair or replace equipment based on specific failures;
- ◆ We guarantee that all replacement parts, accessories or equipment are original and new;
- ◆ Within 90 days after the customer purchases the product, if there is a failure and the video and pictures are provided, we will bear the shipping cost and provide the corresponding accessories to the customer free of charge for replacement. If the product is purchased more than 90 days, the customer will bear the corresponding cost and we will provide free accessories to the customer for replacement;

The following are not covered by the free warranty

- ◆ Products purchased through informal channels;
- ◆ Damage caused by failure to use and maintain the product in accordance with the requirements of the product manual;

At AOMOSUR, we take pride in our superb design and exceptional customer services. We would be happy to provide you with additional support or service.

Please Note

- ◆ AOMOSUR reserves the right to change product design and specifications without prior notice. The appearance and color of the actual product may differ from that shown in the manual, please refer to the actual product. We have done our best to try to make all the descriptions in the book accurate, but there are still inevitably inaccuracies, if you have any questions, please contact the dealer or after-sales service center, the company has the final interpretation of the product, and does not bear any consequences arising from misunderstanding.

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