

ZEROXCLUB Instructions Manual

ZEROXCLUB

Installations manual & Owner's Guide



ZEROXCLUB Wired Camera System Model # BY104A










Any questions or suggestions please send an email to customer service via
sales@uszeroxclub.com

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Before Using

Make sure you have the following listed items included in the packaging. If any item is damaged or missing, contact us at sales@uszeroxclub.com. It would be better if you wrote the order number from Amazon include photos of the damaged or missing part in your email, so that we can handle the problem much more quickly.

What's in the Box?

 <p>10-inch Monitor with power cord</p>	 <p>Side View Camera *2</p>	 <p>Rear View Camera *2</p>
 <p>4-pin extension cable *4</p>	 <p>U-Shaped Bracket</p>	 <p>Fan-Shaped Bracket</p>
 <p>Remote</p>	 <p>Screw Sets</p>	 <p>User Manual</p>

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Test the System

To ensure that all components are working properly, please test the system before installation.

1. When the monitor is powered, the indicator light and buttons will light to indicate that the monitor is on and ready to work.

2. Perform a system function test by temporarily connecting the system.(Just connect the female power cable and ignore three color (green/blue/gray)trigger pigtailed cable.) Test camera, monitor, and all functions of the monitor system. If the system seems to not be operating properly see troubleshooting or contact our customer service at sales@uszeroxclub.com.

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1.Safety Information

Incorrect installation can cause personal injury or property damage. For assistance contact **ZEROXCLUB** customer service.

NOTE: Handle all components with care. Inspect regularly for damage to components and cabling.

NOTE: Do not apply excessive force to any of the components contained within this kit. Excessive force used before, during or after installation that will result in damaged or non-functional parts.

- Do not disassemble or attempt to repair any part of the camera system.
- There are no user-serviceable parts inside the **ZEROXCLUB** camera system. Contact **ZEROXCLUB** customer service at sales@uszeroxclub.com if the part is ever compromised
- Children should be supervised to ensure that they do not play with the appliance.
- To avoid an electrical shock hazard, relevant actions should be performed by qualified and certified professionals. Disconnect all sources of power to the camera before installing.
- To reduce the risk of fire, NEVER test when smoking. Never use a flame.
- Use this product within the voltage range specified. Failure to do so can cause electronic shock or product malfunction.
- Where the power cable may touch a metal case, cover the cable with a friction tape. A short circuit or disconnected wire may cause a fire.
- Do not install the monitor where it may obstruct drivers view or obstruct an air bag device.
- Do not operate the monitor while driving, as it may cause an accident.
- Dropping the unit may cause possible mechanical failure.

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2. Installation

2.1 Installation Safety Precautions

- Ensure the power supply circuit has circuit protection
- Connect the rear camera to a 12-14V DC circuit only
- Use insulated tools when working with power supply
- Use correct safety equipment when working at elevated levels
- Ensure correct polarity of 12V DC power supply to the camera. Red = Positive.Black=Negative.
- Do not allow water to enter the LCD Display.
- Excessive heat can be caused by a loose connection.

2.2 Wiring

Installation is relatively quick and easy provided you know a little about cars and power tools.

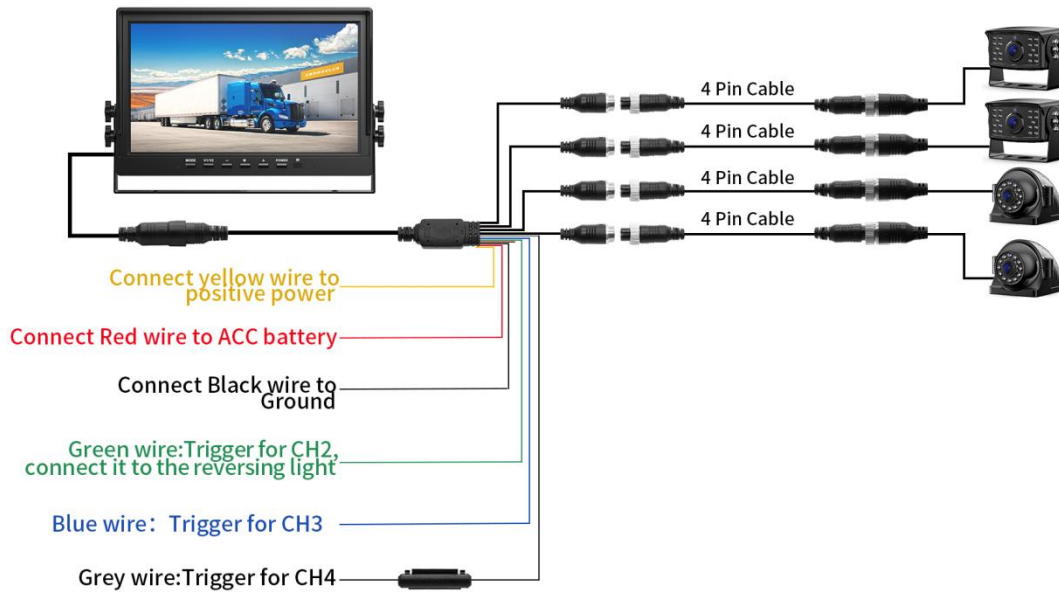
Basic knowledge on the workings of your car and the operation of a drill is all you need to install a backup camera on the your vehicle.

You need to plan properly ahead, in order to allow the wire to pass through you need to depend on where you decide to install the camera and the monitor to drill holes through the car's body.

You will find a video wire with a 6 colors wire from your monitor, connect those to the fuse box.

There's a red cable for ACC, yellow for 12V+, black for ground, green for the parking lines and the blue/grey for backup. If the parking lines wire is used (optional), when it goes to 12V+, the system will automatically switch to #2 and display the backup parking lines. This is so you use camera #2 for the backup and #1/3/4 for anything else. Below is a wiring diagram.

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Here' s a step-by-step backup camera installation guide to make things easier for you.

The wiring method when product use, as follows:

(1) Connect the **Yellow** wire to positive power(12-24V)

NOTE: The **Yellow** wire needs to be powered for a long time. If the **Yellow** wire has no power, the system will lose all the settings you made on the screen. We recommend that you connect the **Yellow** wire to the (+) positive terminal of the car's battery so that the system can save the settings and you will not have to reset them the next time the system is enabled.

(2) Connect the **Red** wire to ACC(Car Key power. DC 12V ~24V) / DC 12V Battery / Reversing light / Driving light

The **Red** wire is connected to the car ignition wire ACC switch (which is the gear switch before starting up the car's motor), when the car key is turned on, the device will start automatically, and if the vehicle key is turned off, it will automatically turn off.

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(3) Connect **Black** wire to negative power/ Ground / Sheet Metal.

(4) Connect **Green** wire(CH2 trigger) to reversing light.

NOTE: This **Green** wire is used to trigger CH2 to display the reverse guideline. if the system as a continuous observation use, please ignore this wire and connect the camera to CH1. If as a reverse viewing with parking guideline only, please connect this wire to the reverse trigger ACC circuit and connect the camera to CH2.

NOTE: Connect the **Green** wire, the buttons on the display will be locked and cannot be operated, so please complete the screen operation before connecting the **Green** wire.

(5) About other two color trigger line, you can choose connect it or not.

If Connect **Blue/Grey** wire (CH3/CH4 trigger) to turn signal, please open the Astern Delay function in system.

Press the button of Menu-System- Astern Delay- Chose 3s/6s/9s- **MODE** (confirm)

NOTE: Connect the **Blue/Grey** wire, the buttons on the display will be locked and cannot be operated, so please complete the screen operation before connecting the **Blue/Grey** wire.

The wiring method when product test, as follows:

(1) Connect **Yellow** wire and **Red** wire together to the positive

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power (12-24V)

(2) Connect **Black** wire to Ground

(3) Ignore three color trigger wires




NOTE: Connect the **Green** wire, the parking guide lines will appear. If you don't need it, ignore this the **Green** wire.

* Before installing it by professional person, please test it if works well, like image display, just in case and save your precious time. Please contact ZEROXCLUB Customer Service at sales@uszeroxclub.com if you have any questions.

2.3 Install the monitor

There is a U-shaped bracket and a Fan-shaped bracket are available to mount the monitor on the dashboard or from the windscreen.

U-shaped Bracket Installation

①Align the bracket with the holes on either side of the screen.	②Screw the knob bolts, and adjust the angle of the stand to the screen.	③After fixing or adjusting the screen angle, tighten the screws.
		

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Fan-shaped Bracket Installation



The angle can be adjusted as needed. A sticker is included for mounting the screen on the dashboard or windshield.



2.4 Install the camera

2.4.1 Rear Camera




The camera comes equipped with an adjustable flat mount base. You can adjust the lock-screws on the sides of the camera to adjust the lens of camera with a small Phillips screwdriver. A short 4 -pin aviation video cable is attached to the body of the camera.

Mark camera mounting position. Screw on according to the mark.	Tighten the screws on both sides of the camera. Adjust the camera angle as needed.
	

2.4.2 Side Camera

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The camera base detaches by removing the four housing screws using a miniature Phillips screwdriver. The base can then be screwed or bolted onto in the desired location. A short 4-pin aviation camera is attached to the camera. And you also can adjust the lens during this step.

Remove the screws of the camera	Open the housing of the camera to reveal the dome camera and the base. Fix the base in the car where it needs to be mounted	Rotate the dome camera to get the angle and image you want, then put the housing in place and tighten the screws.
		

2.4.3 Adjust the Camera View

- You can use the camera mount to mark where to drill holes which is wide enough for the 4 pin connector.
- Adjust the camera to the correct angle as needed. The camera should be adjusted to a horizontal position relative to the ground in order to provide the best view of the objects behind the vehicle.
- When the preferred view for each camera is obtained, tighten the screws to prevent the camera angle from deviating due to vibration during driving.

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NOTE: One important thing to note here is that the camera should face backward and that its view is not obstructed in any way. You should also make sure that the camera sits properly, and that a simple car bump or jerk, will not loosen it in any way. The third caution is making sure that the installation spot is not too far away and that it fits the cable length.

2.5 Camera-Cables Installation

- Define the routing of each of the camera cables. Connect the camera cable to the extension cable provided in the system (you can coil up the unused part if you need shorter feet), and run the extension through the car to the dash area.

- Connect the extension wire to 4pin plug from the monitor. All the cables you will need will come provided in the backup camera kit.

- Do not pull aggressively on the connector head of the cable when you are routing the cables through channels or tight spaces as this may damage the fine wires in the cable. Use a fish tape to thread the cables through these areas. Tape the cable securely to the fish tape to distribute the load when the tape is pulling the cable through the tight spots.

- When you install the 4pin cable, please target every pin to the hole, avoid breaking the pin. When the system is set-up the cables may now be properly secured and stowed.

- After connecting the wires, pay attention to the insulation between the power cables to prevent the power cables from short-circuiting the battery.

- Use plastic split-shield cable covers where appropriate to protect

Align the detent channel and the 4 pins to the 4 holes, then push the connectors together. Screw the collar into position.



4-Pin Aviation Video Cable

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the cables in open areas.

- Secure the cables using adhesive 3M type $\frac{1}{4}$ " cable clips and/or zip ties.

- You may have surplus cable length remaining in your installation. If this is the case, find a convenient place to bundle the cable with zip ties and securely hide it out of site. We do not recommend shortening the cable by cutting and rejoining it.

- You should also make sure the monitor only starts after ignition, so that you can preserve your battery. You can find the corresponding connection for the fuse box according to the manual for your car and model.

NOTE:

- 1) Before connecting, you need to confirm that the voltage of the battery is between 12-24V.

- 2) Rear cameras are usually powered by the reverse lights.

This makes them more convenient to use as the monitor and the camera will automatically turn on when you shift the gear into reverse.

2.6 Testing the System

If you are using a car charger, simply start the ignition and the camera will be activated. If you are using a DC Power Pigtails Cable, you will also need to change to reverse gear and your backup camera image should come on.

NOTE: If there are any issues, then do not panic. Slowly check every single connection, and make sure that everything is correct.

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Make sure that the red/positive ends of a cable connect to red/positive on other cables, and that black/negative connects to black/negative as well. Also, check the power sources to make sure that they are correctly connected, and that no fuse has blown.

Conclusion

If you strictly follow this backup camera installation guide and all goes well, then your backup camera system should be correctly installed and fully functional.

3.Operation

3.1 Operate the Monitor

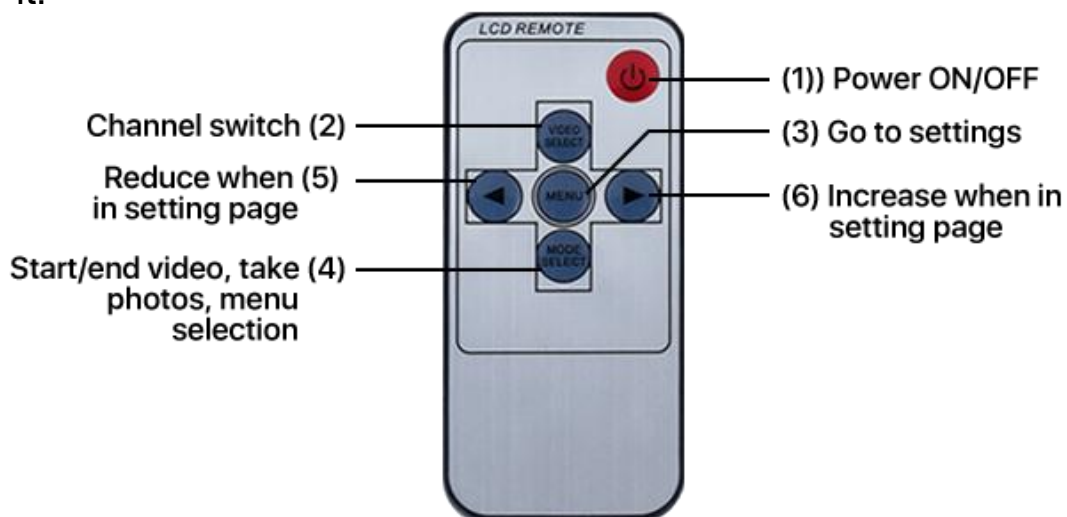


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① MODE	A Confirm button
② V₁/V₂	A Channel Switch button.
③ —	A Down/Decrease button. Select backward in display operation.
④ M	A Menu/Return button. Press to access menu or return to the previous panel.
⑤ +	A Up/Increase button. Select forward in display operation
⑥ POWER	A power button turns the display device on or off.
⑦ IR	IR Connector. Receive control signals from the mini remote.

3.2 Operate the Mini Remote Control

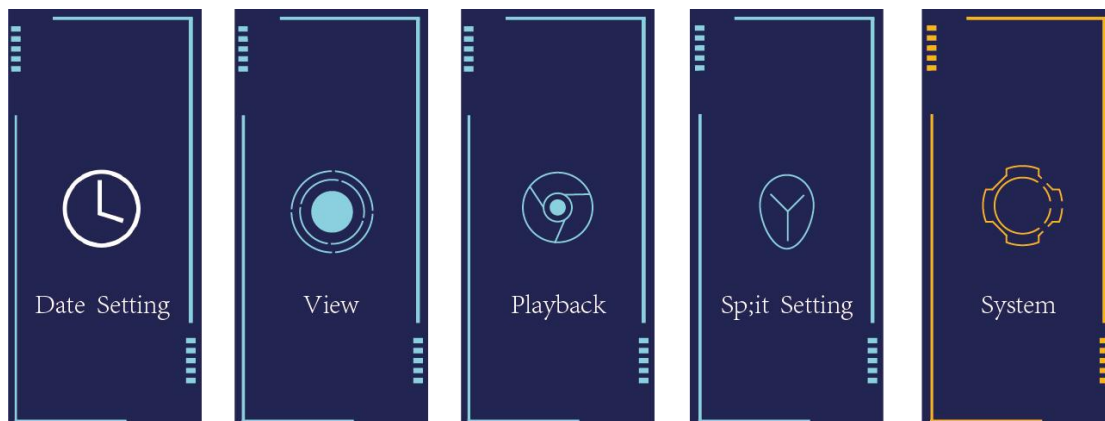
The system comes with a mini remote control, only need to unplug the transparent plastic sheet at the bottom, you can use it.



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4.Display Settings

Display settings allow you to adjust various aspects of your display to ensure that the display works well with your camera.

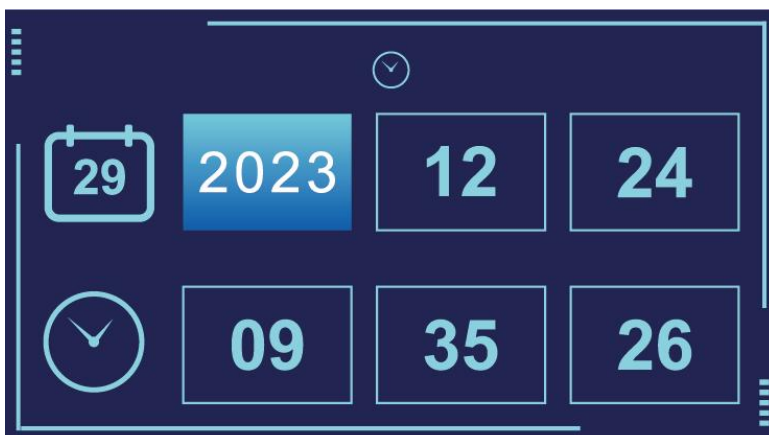


NOTE: If the screen is recording, please stop recording firstly, otherwise it can't enter the menu panel. (Press **MODE**, then the red dot on the display disappears, which means recording has stopped.)

NOTE: If the buttons does not respond, please press **MODE** to exit the recording or press **V₁/V₂** switch a single screen view, you can exit the button lock.

4.1 Date Setting

Change the Date and Time.



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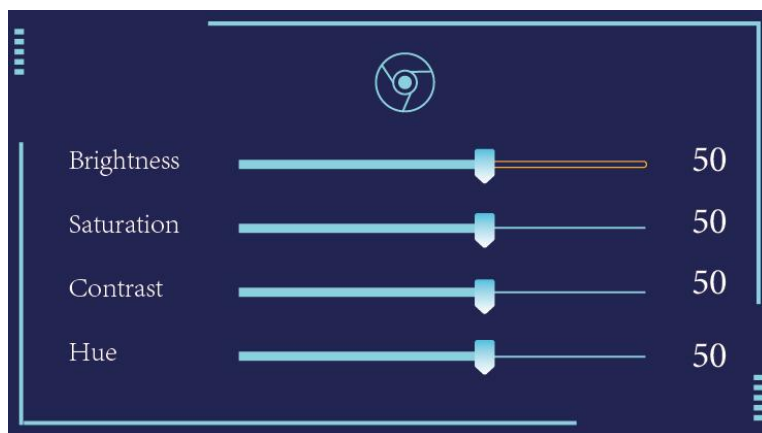
Press **M** →Go into the **Date Setting**→**MODE**→ + / -
(Increase time/ decrease time)→**MODE** (confirm and go to the next date/time settings)→Until last complete set

NOTE: Press the **M** button once to return to the menu, press twice to return to the camera view

NOTE: In this panel, the **MODE** button is a button that moves to the right.

4.2 View

The screen brightness/Saturation/Contrast/Hue settings are found in the “View” section and adjust the brightness/Saturation/Contrast/Hue slider to the desired level.



Press **MENU**→Go into the **View** settings→**MODE**→ + / -
(Increase / decrease)→**MODE** (go to the next settings)→Until last complete set

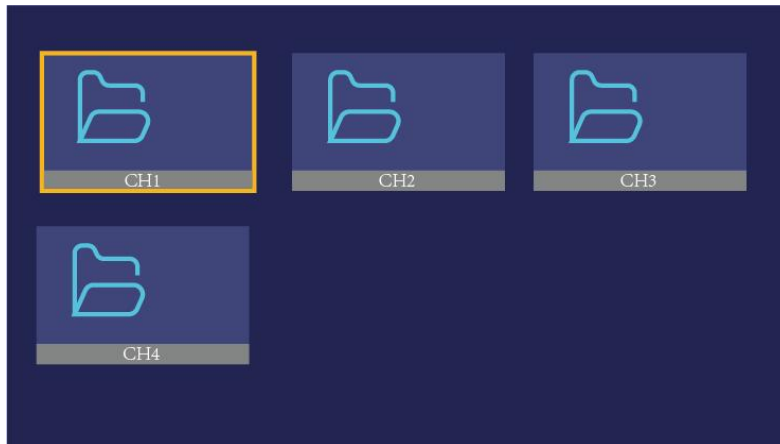
NOTE: Press **M** once to return to the menu, press twice to return to the camera view

NOTE: In this panel, the **MODE** button is a downward moving button.

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4.3 Playback

You can see the recorded files in the "Playback" section.



Press **M**→Go into the **Playback**→**MODE**→ **+** / **-** →**MODE**
(Press **MODE** to play and pause)

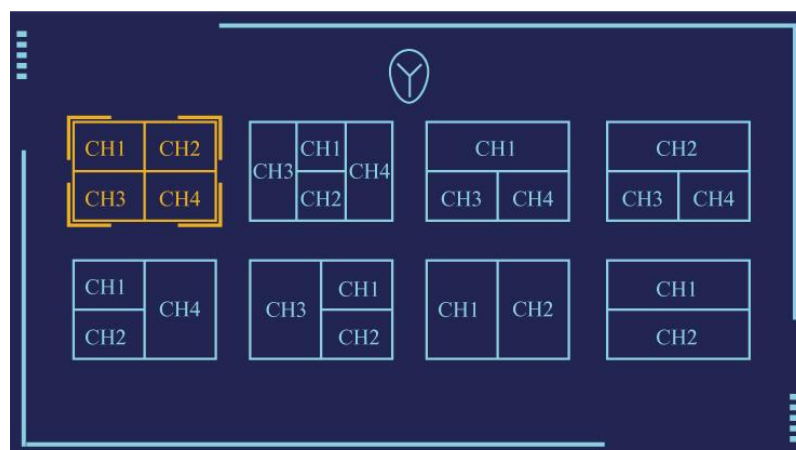
Delete recorded files



Press **M**→Go into the **Playback**→**M**→**Delete Current/Delete All** (Press **M** to cancel)

NOTE: In this panel, the **V1/V2** button is a return button.

4.4 Split Setting

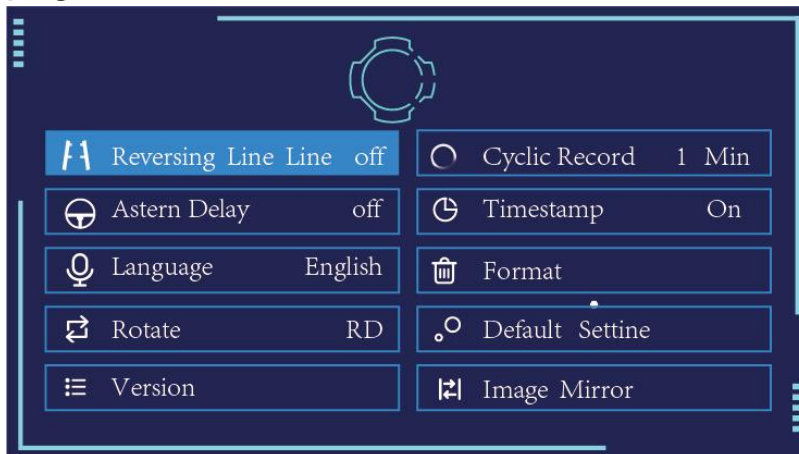


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Press **MENU**→Go into the **Split setting**→**MODE**→ + / -
→**MODE**

4.5 System

More advanced display settings are available in the "System" page.



(1) **Reversing Lines:** Off/ MODE 1/2/3

The width of the reversing line will vary in different modes.

NOTE: Only the CH2 screen will be triggered for full screen with Parking Lines through Green wire.

NOTE: We recommend you connect the Green wire to the reverse light, then CH2 screen can be triggered with parking lines to help you reversing.

(2) **Astern Delay:** Off/ 3s/ 6s/ 9s

This means that after the reversal trigger is over, it will return to the monitoring page after a set amount of time.

(3) **Language:** English/Chinese/Japanese

(4) **Rotate:** RD/LD

Allows you to invert the video.

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(5) **Cyclic Record:** 1 Min/3 Min

NOTE: Two video duration can be selected: 1 Min/3 Min

NOTE: When the SD card is full, it will overwrite the previous videos.

Recording video for the certain length.

(6) **Timestamp:** ON/Off

(7) **Format:** format the SD card content

(8) **Default Setting:** Restore Default

(9) **Image Mirror:** Normal I Mirror.

Allows you to mirror the video.



Front/Back/Left/Right each represent the camera's image of CAM1/CAM2/CAM3/CAM4 (FRONT=CAM1, BACK=CAM2, LEFT=CAM3, RIGHT=CAM4)

5.FAQ

(1) How to return interface while viewing the file?

A.Press the CH button, then it can back to the monitor page.

At other time, press the Menu button to go back the monitor page.

(2) How to rotating the image ?

A.Menu-System-Setting "Rotate" or "Image Mirror".

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(3) How to record video?

A. Press the "MODE" button, then the red point will come that means the monitor recording.

(4) Why monitor can't use the menu and switch channel?

A. Please make sure that monitor doesn't stays on recording status and split screen status when you want to use other function.

(5) What is the function of Trigger wire?

A. If you connect the trigger line to the reversing light, the screen will automatically switch to the camera that connected to the reversing light when you reverse.

You don't need to manually switch to the camera channel.

(6) How to find the SD card video on the computer?

A: Plug and play. Using a card reader that can read SD cards then plug it to your computer.

(7) What is the part number of the single camera?

A: The rear camera is B0BG7Z3Z47, and side camera is B0BG7Z3Z47

6. Troubleshooting

<p>The display will not turn on</p>	<ul style="list-style-type: none">● Check the display to ensure that it is powering. Check if the power button on the display will turn on the light. and press the monitor's power button waiting 2-4 seconds then to see if there is any image?
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	<ul style="list-style-type: none">● Check if the positive and negative connections are reversed when connecting the red and black wires.● Ensure the cables and connections in your backup camera are firmly connected and not damaged● Check if the pins of the 13pin cable of the monitor and 4 pins cable of the camera is aligned and broken. If the pins are awkward, you can gently straighten it, then the camera will work well.● Make sure the camera system can get the power 12-24 V. You can test it with a new power supply.● Could you please check the camera that if get power? You can hold the sensor of the camera with your hand and see if the infrared light will light up.● If it still can't work well after try, please contact us in time at sales@uszeroxclub.com, we will help you solve it.
Blurry camera	<ul style="list-style-type: none">● Check the external lenses. Fix this by simply wiping off the dirt.● Check if there any loose or faulty connections triggering such mishaps.● There is moisture inside the camera's

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	<p>lenses, please contact us in time at sales@uszeroxclub.com with the picture of the issue and your Amazon Order ID</p>
Screen Black and White	<ul style="list-style-type: none">● Check if the connection is faulty. Check if the wires are frayed. Ensure the cables and connections in your backup camera are firmly connected and not damaged● Check if the vehicle battery is low.● Check this product within the voltage range(12-24V) specified.● If it still can't work well after try, please contact us in time at sales@uszeroxclub.com with your Amazon order ID and the issue picture, we will help you solve it.
Blue on monitor screen	<ul style="list-style-type: none">● Do a hard reset, unplug all cables, leave them out for 1 minute, and then re-connect them.● Check to ensure that the connection to the camera is tight.● Ensure camera cable is plugged into port labeled CH1/CH2/CH3/CH4.● Ensure that the red positive trigger on power harness cable is put to power 12v+.● Check if the pins of the monitor's 4-pin cable are crooked or broken, and then check if the 4 pins are aligned.

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	<ul style="list-style-type: none"> ● If it still can't work well after try, please contact us in time at sales@uszeroxclub.com with your Amazon order ID and the issue picture, we will help you solve it.
<p>The screen appears color cast or line</p>	<ul style="list-style-type: none"> ● Check the wiring firstly. ● If there is still no improvement, maybe the screen has been subjected to some collision during transportation or use, please contact us in time at sales@uszeroxclub.com with the picture of the issue and your Amazon Order ID
<p>The picture flashes frequently</p>	<ul style="list-style-type: none"> ● Check the wiring firstly, or change another camera for testing, or switch the screen for another viewing mode, to see whether it still flashes or not. ● If you don't use the 4-pin cables when testing, please connect the 4-pin cables to the power cord, and then connect to the cameras, to try again. ● If there is still no improvement, maybe power cord gets wrong during ● use, please contact us in time at sales@uszeroxclub.com with the picture of the issue and your Amazon Order ID
<p>The monitor shows parking</p>	<ul style="list-style-type: none"> ● It seems like that the monitor enters parking mode, please disconnect the

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lines and the buttons can't work	Green wire for try. (Under parking mode, other buttons will be locked and can't be used for safety.) <ul style="list-style-type: none">● If it still can't work well, please contact us in time at sales@uszeroxclub.com with your Amazon Order ID
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If you have any questions not mentioned above, just feel free to email us at sales@uszeroxclub.com. We're always there for you!

7.Warranty

ZEROXCLUB offers a full 36 months warranty and replacement policy. We also provide lifetime technical support to ensure that you enjoy your modern backup camera for many years to come. To obtain warranty support, or if you are not satisfied in any way, or have any issues with your purchase, please contact us first for help, we will try our best to make you satisfied. We promise that you will receive the best service from us, and we will try our best to help you until your problem is solved. Every message will be replied to within 24h. Our contact email is sales@uszeroxclub.com, you can write it down or add it to your address book.

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Customer support email: sales@uszeroxclub.com