

# ZEROXCLUB



## User Manual

Wireless Backup Camera System

Model: HW02-M/SW02-M

Any questions or suggestions please send an email to customer service via

[sales@uszeroxclub.com](mailto:sales@uszeroxclub.com)

Visit our website: <https://www.uszeroxclub.com>

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## SYSTEM TEST GUIDE

To verify full functionality before permanent installation, please follow these steps:

1. Power On the Monitor: Connect the monitor to a temporary 12V power source (e.g., vehicle's cigarette lighter or a portable power supply).

✓ Check: Indicator light and buttons should illuminate, confirming power.

2. Test Camera & Monitor Connection: Power the camera separately (via included power cable or vehicle reverse light wire temporarily).

✓ Check: Live view should display on the monitor.

3. Verify All Functions: Test these features: Video feed (clear image day/night). Buttons (menu navigation, brightness adjustment).

4. Confirm that the accessories are complete.

If any issues occur: Ensure all cables are securely connected.

Contact [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com) with a video/photos of the issue.

Note: Permanent installation should only proceed after successful testing.

## WARRANTY

**ZEROXCLUB** offers a full 18 months warranty and 3 months replacement policy. We also provide lifetime technical support to ensure that you enjoy your modern backup camera for many years to come.

To request warranty service or technical assistance, please **CONTACT US** immediately at [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com) (we will reply within 24 hours). When contacting us, please provide your order number or proof of purchase (order invoice), along with photos/videos clearly showing the issue and a brief description of the problem.

Our dedicated support team will either remotely troubleshoot your issue or arrange for replacement of defective components when applicable. Customer satisfaction is our top priority, and we're committed to resolving any concerns to your complete satisfaction.

Note: Proof of purchase is required for all warranty claims. This warranty is not transferable.

## WHAT IS IN THE BOX

			
Monitor x1	Camera x2	Suction Cup Mount	
			
Car Charger	Antenna x4	Installation Kit	Upgrade Bracket
			
U-shaped Bracket	DC Power Pigtaills Cable x3	Sunshade	Memory Card Cover

## BEFORE USING

Make sure your package includes the following listed items completely. If any item is damaged or missing, contact us at [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com). It would be better if you write down the order number from Amazon, include pictures of the damaged or missing part in your email, so that we can handle the problem much more quickly.

## SPECIFICATIONS

Monitor	
Display	7" LCD monitor
Connector Type	DC female connector
Working Current	DC12V 0.6~0.8A
Item Weight	0.64 pounds
Monitor Dimensions	7.1(L) x 4.33(H) x 1(D) in
Camera	
Image Sensor	CMOS
Effective Pixels	1920 x 1080
Waterproof Rating	IP69K
Power Consumption (@DC 12V)	250mA (IR ON)
	>10mA (IR OFF)
Operating Temperature	-4°F~ 158°F
Compatible Display	System-equipped display
Camera Dimensions	2.95(L) x 1.85(H) x 2.36(D) in
Wireless Frequency	2.4G
Compatible Cameras (HD-D)	B0DXDYDNMP/B0DXF2BD89/ B0DXF1CCGP/B0DXF1R8KM

## INSTALL GUIDE

The system components are designed to be assembled without difficulty and with simple tools.

### Safety Precautions




- Use the correct size cable and connector to power the camera(s)
- Ensure the power supply circuit has circuit protection
- Connect the camera(s) to a 12-24V 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.
- Excessive heat can be caused by a loose connection.

## Installation Steps

### Step 1: Mount the Camera

Choose a location: Choose a location close to the reversing lights/running lights so you can easily splice the power and ground connections or where you want to install. Secure the camera using included brackets/screws. Adjust the camera angle.

\*Recommend to test system with temporary mounting and wiring before final installation.

Install the Rear Cameras		
1 Begin by marking the desired camera mounting position and pre-drilling holes for the bracket.	2 Then install the bracket with supplied screws, keeping them loose for adjustment.	3 Align the bracket, position the camera for optimal view, then fully tighten all screws to secure.
		

### Step 2: Power the Camera

To properly install the backup camera, first use a voltage meter to identify the positive and negative wires in your vehicle's light circuit by testing for 12V DC power - the wire showing positive voltage when the reverse gear is engaged is your positive lead.

Once identified, connect the camera's red wire to this positive light wire (12V) and the black wire to the negative/ground wire, ensuring all connections are secure and properly insulated for reliable operation.

① Mount the antenna(s) to camera(s)	② Connect the power cord to camera(s)	③ Power the camera(s)
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### Step 3: Install the Monitor

1. Begin by assembling the monitor to its mounting bracket
2. Installing the antenna vertically, then position the unit on your windshield or dashboard in a location that provides clear viewing without compromising driving visibility or safety.
3. Adjust the bracket to obtain the best viewing angle.

\*Do not allow water to enter the LCD Display

#### ◆ U-shaped Bracket Installation

① Put on the sunshade as the blue arrows.	② Take out all the tools. Put the bracket on the fixed directions as the blue dotted lines shows	③ Align the screw holes	④ Fix or adjust the screen angle and screw on the knob bolts

#### ◆ Suction Cup Mount Installation



### Step 4: Power the Monitor

Power via cigarette lighter (plug-and-play) or hardwired to fuse box (for permanent power)

① Mount the antennas to the monitor	② Connect the power cord or car charger to the monitor	③ Power the monitor
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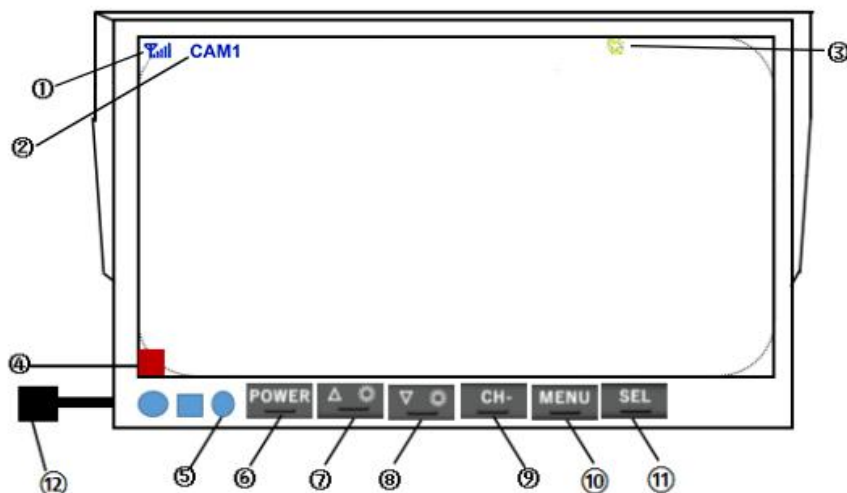





## Step 5: Test & Adjust

Activate the cameras. Adjust angles to show clear rear view. Keep the road centered (minimize sky/ground).








# OPERATING INSTRUCTION

## Monitor Buttons and Icons



① 	It means the strength of the signal between the camera and the monitor.
② <b>CAM1</b>	<b>CAM 1/2/3/4:</b> The channel number is shown on the top left of the screen. Press the CH- button to switch the camera channel.
③ 	<b>Rewrite:</b> This shows this sign once you switched on the rewrite function.
④ <b>Red Tag</b>	There is a screen protective film on the screen, it is used to remove it. Please be careful to remove it.
⑤ <b>Light</b>	Power Indicator Light.
⑥ <b>POEWR</b>	Putting the monitor on standby and waking it up.
⑦ 	A Function Increase button. Select forward in menu operation



⑧ 	<ul style="list-style-type: none"> <li>● A Function Decrease button. Select backward in menu operation.</li> <li>● While viewing the non-menu panel, press the  button once to display guidelines and activate H adjustment mode, pressing  multiple times moves guidelines up/down; press twice to switch to Width (W) mode for adjusting guideline spacing with  presses; press three times for horizontal M mode to shift guidelines left/right using ; and press four times to completely hide the guidelines from view.</li> </ul>
⑨ <b>CH-</b>	A Channel Switch button. Press it to switch screen to full screen or split screen.
⑩ <b>MENU</b>	Press to show menu or return to the previous menu.
⑪ <b>SEL</b>	A Confirm/Recording button. Press to star/stop recording. Or press this button to confirm.
⑫ <b>Cord</b>	Monitor Harness Connector
<b>REC</b>	The icon will shown in the top of the screen while recording video. If there is a problem with the recording, please try to format the memory card. Press the <b>SEL</b> button to star/stop recording.
	This indicates that there is no paired camera on that channel yet.
	This indicates that the memory card inserted.

- (1) Menu main panel won't bring up while monitoring in split-screen mode. \* Please press the **CH-** button to switch it to single screen before using the **MENU** button to enter the menu panel. Otherwise **MENU** button won't work.
- (2) The POWER button not working while playback of the video files.
- (3) Re-start recording the second file when you switch channels.
- (4) The content displayed on the screen is the content recorded by the system.

## Change Menu Settings

### Menu Setting

There are eight menu options that allow you to set up the system before operation.



**NOTICE** In split screen mode, the menu cannot be accessed, please press **CH-** to switch to single screen first.

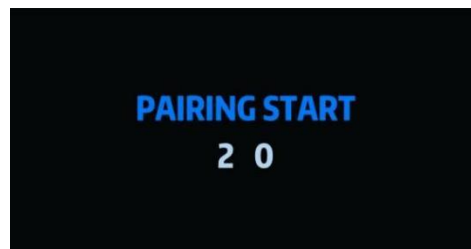
## PAIRING Settings

### Pairing Procedure

- a. The cameras are factory-paired for QC testing.
- b. If you cannot see video from a camera on your monitor ("NO SIGNAL" appears), or if you're adding an extra camera, please follow these pairing steps.
- c. For best results, position the camera and monitor within 3 feet (1 meter) of each other during pairing. This close proximity ensures successful connection within the limited pairing time window.

### Pair with a camera

1. Mount antennas securely on both camera(s) and monitor (critical for stable wireless connection)
2. Disconnect camera power completely
3. Connect monitor to 12V DC power source. Press AV to select an available full channel (menu functions require full-screen mode)
4. Press MENU → select PAIRING icon (20-second countdown begins)



5. During countdown, power on the camera (\*Camera must be powered after pairing countdown starts)
6. Live view will appear automatically upon successful pairing
7. Repeat process for additional camera(s)

### Pairing Notes:

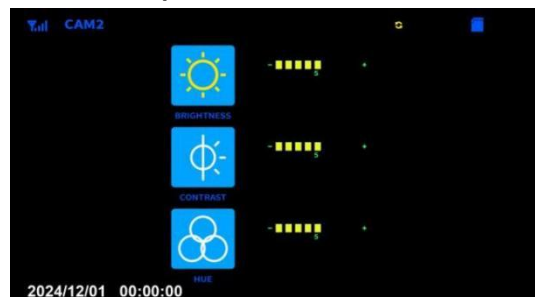
- (1) **If Pairing Fails:** Repeat the pairing steps exactly as outlined. If unsuccessful after 2 attempts, contact [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com) for immediate assistance.
- (2) **Timing is Critical:** Complete pairing within 20 seconds of entering pairing mode. If timeout occurs, restart the process.
- (3) **Channel Reassignment:** To move a camera to a different channel (e.g., from CH1 to CH2): Switch to the target channel (press AV → select CH2). Follow standard pairing steps.

- (4) **Signal Loss Recovery:** If the screen displays "NO SIGNAL", re-pair the affected camera.
- (5) Pair one camera at a time. Repeat the full process for each additional camera.
  - a.

## PICTURE Settings

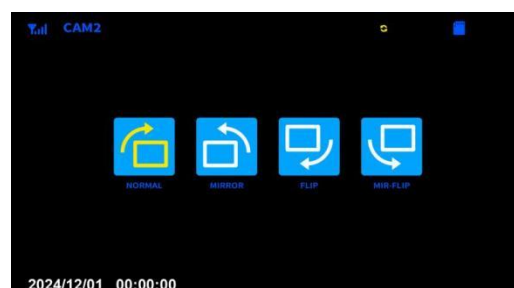
Change the BRIGHTNESS, CONTRAST or HUE setting.

Use **SEL** to highlight the BRIGHTNESS or CONTRAST or HUE Icon red, then press  $\Delta \odot / \nabla \odot$  to change the setting. Press **SEL** to confirm your selection or press **MENU** to return to the previous page.



## MIR-FLIP Settings

Press **MENU** → Enter the MIR-FLIP menu → Press  $\Delta \odot / \nabla \odot$  to set the camera image as NORMAL, MIRROR, FLIP or MIR-FLIP → Press **SEL** to confirm your selection or press **MENU** to return to the previous page.



\*Control camera mirroring and flipping, on a per camera basis.

## MODE Settings

To select the camera layout pattern for 2-channel display 、 3-channel display or 4-channel display.

Press **MENU** → Go into **MODE** → Press **SEL** → Press  $\Delta \odot / \nabla \odot$  to choose the split-screen mode you want → Press **SEL** to confirm

your selection or press **MENU** to return to the previous page.



## P-LINE Settings

Turn on/off the parking guidelines.

Press **MENU**→ Go into **CAM-SETUP**→ Press **SEL** to highlight the P-LINE icon red→ Press  $\triangle \odot / \nabla \odot$  to ON or OFF→ Press **SEL** to confirm your selection or press **MENU** to return to the previous page.

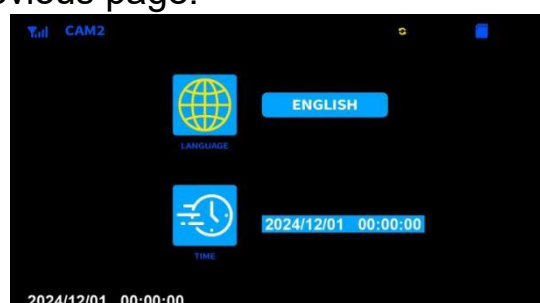


- \*The parking guide line need to be controlled individually on each camera screen.
- \*If the P-LINE function is not turned on for other camera channels, the parking guideline will not be displayed.

## SYSTEM Settings

The screen LANGUAGE and TIME settings are found in the "SYSTEM" section.

Press **MENU**→Go into **SYSTEM**→ Press **SEL** to highlight the LANGUAGE or TIME icon red→ Press  $\triangle \odot / \nabla \odot$  to adjust the values→ Press **SEL** to confirm your selection or press **MENU** to return to the previous page.



## RECORD Settings

Memory card settings: REWRITE, FORMAT.

Press **MENU**→Go into **RECORD**→ Press **SEL** to highlight the REWRITE or FORMAT icon red→ Press  $\triangle \odot / \nabla \odot$  to ON or OFF→ Press **SEL** to confirm your selection or press **MENU** to return to the previous page.

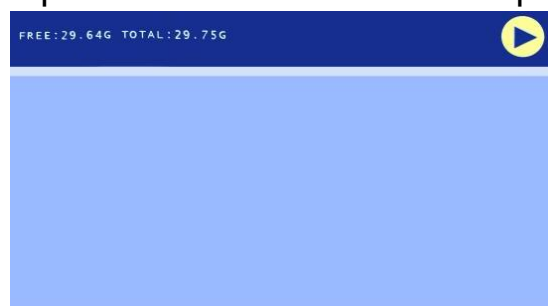


REWRITE	It will automatically overwrite the previous videos when the memory card is full. If you turn on it, please remember to save the video file in time if you need it to avoid it being overwritten.
FORMAT	It will clear all data in the system. <b>If not turned it off, the formatting will be always happening.</b> Copy out the useful recording material first to avoid losing important videos before formatting. <b>NOTICE</b> Recording can only record what is on the screen, not all cameras unless in split screen mode.

## PLAY Settings

You can playback the recorded videos on the monitor.

Press **MENU**→Go into **PLAY**→ Press  $\triangle \odot / \nabla \odot$  to choose the Recording Files→ Press **SEL** to confirm and then press **SEL** again to pause or play→ press **MENU** to return to the previous page.



- \* This panel cannot be accessed if an memory card is not mounted.
- \* There's no recording file if you don't press SEL to record.

- \* The screen cannot be played back while the system is recording, if you want to play back, please press the SEL to stop recording first.
- \* Re-start recording the second file when you switch channels.
- \* The content displayed on the screen is the content recorded by the system.

## TROUBLESHOOTING

### Camera Pairing Issues

- 1) Ensure the camera is receiving power.
- 2) Verify all wiring connections are secure and properly attached. Loose or incorrect wiring may cause image transmission issues.
- 3) Check that the camera power lead is connected correctly (polarity matters).
- 4) Measure the voltage at the camera. If it's below 12V, the transmitter may fail to function properly.
- 5) Try manually pairing the system (refer to the pairing instructions).
- 6) If pairing fails in the same room, contact our support team at: [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com) with video of pairing attempt.

### Monitor Won't Turn On (No Button Light)

- 1) Inspect wiring for pinched/damaged cables/corroded connectors. Test the power supply (should show 12V+ DC output). Check for voltage drops during startup.
- 2) Test with alternative power sources - either a portable 12V battery or another vehicle's 12V socket - to eliminate power supply as a potential issue.
- 3) Use other cigarette lighter adapter. Or use the included red and black DC pigtail power cable to hardwire the monitor, which will help determine whether the issue lies with the cigarette lighter or the monitor itself.
- 4) Disconnect power for 2 minutes. Reconnect and power cycle 3 times. Check for any indicator lights. If the screen remains blank after these steps, please contact us at [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com) and provide your Amazon Order ID for further assistance.

### Wireless Signal Issues

- 1) Ensure antenna is securely tightened in vertical position.
- 2) Look at the camera to find if the antenna wire is off. Check for damaged antenna connectors.
- 3) Large dense objects could be obscuring the signal. If possible, move the objects.
- 4) Avoid installation near high-voltage power lines/heavy machinery/Other 2.4GHz devices (WiFi routers, Bluetooth devices or Tire pressure monitoring systems). Temporarily disable nearby 2.4GHz devices.

- 5) Perform manual pairing (refer to user manual).
- 6) We have the 10ft antenna extension cable, if you need it, please contact our customer service email: [sales2@uszeroxclub.com](mailto:sales2@uszeroxclub.com) with your Amazon order ID.

#### **Blurry images on the monitor**

- 1) Remove the protective film from the camera lens upon completion of installation.
- 2) The camera lens may be dirty. Wipe them with a piece of soft and clean cloth.
- 3) Please contact our customer service email: [sales2@uszeroxclub.com](mailto:sales2@uszeroxclub.com) with your Amazon order ID and the picture of problem.

#### **Freezing**

- 1) Temporary Interference (Under 3 Seconds): Brief freezing may be caused by temporary interference from: Weather conditions/Vehicle materials/External signal sources/Physical obstacles. These typically don't affect overall image quality.
- 2) Memory Card Issues (Over 10 Seconds): Prolonged freezing often indicates: Loose memory card connection/SD card issue/Difficulty reading card data

#### **Troubleshooting Steps:**

- ① Reposition monitor away from potential signal blockers. Check camera antenna connections
- ② Power off and reseat memory card firmly. Test with alternative SD card. Format card in the device (backup data first). Test with memory card removed (if possible) to isolate issue.
- ③ Try resetting monitor to factory settings.

If issues persist: Please contact us at [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com) with a short video showing the freezing issue and your Amazon Order ID, we'll provide assistance to resolve your issue promptly.

#### **Night vision is poor or does not function**

- 1) Dirty or blocked light sensor. Gently clean the sensor lens with a microfiber cloth and remove any physical obstructions
- 2) Verify installation isn't near bright light sources. Test in complete darkness to confirm functionality. Note: This is normal operation, not a malfunction
- 3) Camera too close to marker lights (minimum 2" required). Reposition camera following these steps: Measure current distance, relocate if under 2 inches and secure in new position.
- 4) Consider adding supplemental IR lighting if consistently poor performance in dark areas

If problems continue after trying these solutions, please contact us at [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com) with Issue photos、time of day when issue occurs and your order number.

#### **Images too dark / bright on the monitor**

- 1) Adjust the brightness and contrast settings. Reset to factory settings if needed.
- 2) Camera facing strong light (sun, headlights) may cause overexposure. Reposition the camera to avoid direct light sources. Note: This is normal behavior, not a defect.

- 3) Polarized Sunglasses Incompatibility. Remove polarized sunglasses when viewing the monitor.
- 4) Additional Checks: Ensure the camera lens is clean (dirt can affect exposure) or Test in different lighting conditions to isolate the issue.



Still having issues? Contact support with a photo/video of the problem, your order number and lighting conditions when the issue occurs.

**If you have any questions not mentioned above, just feel free to email us at [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com). We're always there for you!**

## FAQS




Question	Answer
What type of memory card should I use?	The system supports 32G-128G memory card.
How do I keep my backup camera clean in the winter?	To maintain clear visibility in winter weather, treat the camera lens with a hydrophobic product like Rain-X to repel snow and slush.
How to turn on the night vision of the camera?	It will be automatically turned on in the dark environment.
Can I add an extra camera?	Yes, this system supports up to 4 cameras.
How to turn on/off the Parking Guideline?	MENU → SYSTEM→ P-LINE→ ON/OFF.
Why the screen is flicking?	For optimal performance, check that all power connections are tight and use a stable power source, as inconsistent current can disrupt image quality.
The MENU button can not work	<ol style="list-style-type: none"><li>1) Please press MODE to exit the recording and press AV switch to single screen to see if the buttons can operate.</li><li>2) Remove the memory card, reboot the system, then check if the system is locked.</li><li>3) If it still can't work well after try, please contact us in time at <a href="mailto:sales@uszeroxclub.com">sales@uszeroxclub.com</a> with the video of the issue and your Amazon Order ID, we will help you fix it.</li></ol>
The monitor/camera emits smoke after connection	<ol style="list-style-type: none"><li>1) The positive and negative connections are</li></ol>




 <p><b>Red Wire = Positive (+)</b> <b>Black Wire = Negative (-)</b></p>	<p>reversed and cause a short circuit. Check if the polarity on your vehicle body itself is reversed. Make sure the camera's positive side and negative side to coincide with the vehicle body's positive side and negative side. Please read the installation guide carefully before installation.</p> <p>2) The voltage and current are too high.</p>
<p>How to start recording a video?</p>	<p>Press the MODE button in the non-menu panel.</p>
<p>How to check if the camera unit is receiving power?</p> 	<p>To verify if your camera unit is receiving power, cover the camera's light sensor (typically located near the infrared light) with your hand - if the infrared light illuminates, this confirms the camera is properly powered. If no light appears, please check your wiring connections or try an alternate power source and cable to test the unit.</p>


**ZEROXCLUB**

**Customer Support Email: [sales@uszeroxclub.com](mailto:sales@uszeroxclub.com)**


ZEROXCLUB Support





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