# ZEROXCLUB



# **User Manual**

Wired Backup Camera System

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

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#### **BEFORE USING**

Make sure your package includes the following listed items completely. If any item is damaged or missing, contact us at

<u>sales@uszeroxclub.com</u>. 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.

### WAHT IS IN THE BOX



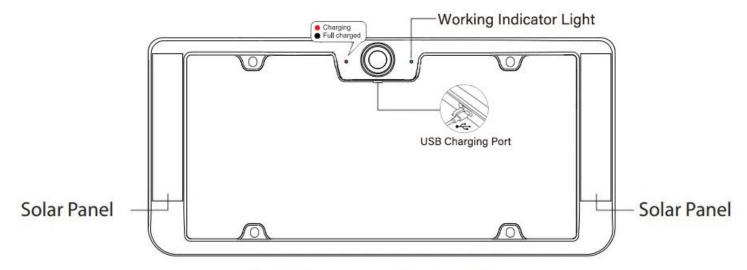
### **WARRANTY**

**ZEROXCLUB** offers a full 18 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** for help at the first time, we will try our best to make you satisfied. We promise that you will receive the best service from us, and we are ready to assist you. Every message will be replied within 24h. Our support email is <a href="mailto:sales@uszeroxclub.com">sales@uszeroxclub.com</a>, you can write it down or add it to your address book for easy contact.

#### **CHARGE THE BATTERY**

Use your existing USB charging port to initially charge your device before you install it on your vehicle and charge it when needed.

- 1. Connect the included USB cable to the Micro USB port of the camera.
- 2. Plug the USB cable into the USB wall charger with an output rating of 2000MA or higher. The red indicator light char will illuminate when charging.
- 3. Charge for 12 hours. When charging is complete, illumination of the red indicator light will be off.
- 4. Close USB door securely to ensure waterproof integrity.



HD Solar-Powered Backup Camera

#### Camera Status Light Quick Reference

The green working indicator light flashes 5 times and then turns off. Camera and monitor enters standby mode.

The green light flashes until pairing success is complete

While the monitor is showing the camera image, the green working indicator light will remain solid.

The red light is on when the camera is charging and goes off when the camera is fully charged.

### **TEST THE SYSTEM**

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

- 1. When the monitor is powered, the screen will light up to indicate that the monitor is on and ready to work.
- 2. The green indicator light of the camera comes on, which indicates that the backup camera is turned on and ready to work.
- 3. Camera and monitor come pre-paired. The monitor will display the camera image. If not, please refer to the troubleshooting and contact our customer service at sales@uszeroxclub.com.

#### NOTICE:

- 1) Please fully charge the backup camera with USB cable before first use. The solar panel can be used as a tool to supply power to the battery, extend the working time of the backup camera and reduce the charging times. But you need to charge the backup camera with USB Charging regularly according to the frequency of use, especially in the winter.
- 2) If the product has been installed, you can charge the battery by USB cable using a mobile power supply or jumper starter instead of moving it from your vehicle. Or you can remove the camera and then charge it.
- 3) Many vehicles provide constant power to the 12V outlet. If your outlet provides constant power, please remember to unplug the monitor when not in use to avoid draining the vehicle battery.
- 4) If the battery indicator bar shows that the battery is in a low state of charge, please charge the battery in time. (Charging frequency depends on the using environment and frequency of utilization.)
- 5) If you use a power bank or a jump starter to charge the device, make sure that its battery capacity is no less than 6400mAh.
- 6) By default, the monitor will stop displaying images and enter into standby mode after 45 seconds. You can adjust the "on" time.
- 7) The camera comes with a Smart button so you can manually turn on the screen/camera. When the screen is in standby, press any button can activate the screen/camera.

- 8) In normal use, the camera pack will remain charged while exposed to sunlight. When the backup camera is working, a battery status indicator will appear on the monitor. If the vehicle is parked in the garage for more than a month, or the camera is not regularly exposed to the sun, you may need to charge it through the micro USB charging port before using.
- 9) Before permanently mounting the monitor, test the reception of the camera signal in several selected locations within easy reach as one may have better reception than another. Finally, choose the best location with the best signal reception.

### **SPECIFICATIONS**

Monitor	
LCD Display	7"
Connector Type	DC female connector
Item Weight	0.52 pounds
Power Supply	DC 12V~24V 230mA
Monitor Dimensions	3.3(L) x 4.53(H) x 0.78(D) in
Camera	
Image Sensor	CMOS
Effective Pixels	1920 x 1080
Waterproof Rating	IP68 Rating
Power Supply	DC 3.7V 500mA
Charging Voltage	DC 5V 2A
View Angle	120°
Operating Temperature	-4° F~ 158° F
Item Weight	0.82 pounds
Camera Dimensions	13.7(L) x 6.3(H) x 0.63(D) in
Others	

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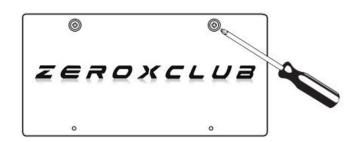
Battery Capacity	6400MaH
Battery Life	10 Years
USB Charging Time	12 Hours
Solar Charging Time	36 Hours
Maximum Signal Range:	40 Feet / 12 Meters
Frequency	2.4GHZ
USB Wall Charger	Output: DC 5V=2000MA

### **INSTALLATION**

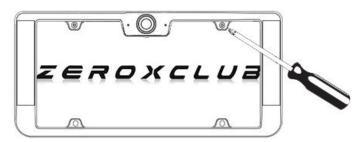
#### Installation of the Camera

1. Unscrew and take off your rear license plate.

**NOTICE**: Make sure you place the screws in a safe place so you don't lose them.



2. Align the mounting holes for fixing the license plate. Secure the BS7 Wireless Backup Camera and license plate with original screws back onto the vehicle and tighten the screws.



**NOTICE** 

- Some states or local governments may have regulations or laws that restrict the use of anything that might impair the clear view of a license plate. Check local laws for compliance.
- This backup camera fits a standard license plate hole for US. If you choose not to mount it on your license plate, locate a good place to mount the camera. Make sure that the camera's field of vision is free of obstructions (bumpers, hitches, etc.). The camera should be positioned as close to the center of the vehicle as possible.
- Do not allow water to enter the LCD Display

#### Installation of the Monitor

Place the locking screw and suction cup on the back of the monitor and adjust the monitor to the desired viewing angle. Then tighten the locking screw to secure the monitor.

Clean the area on the windshield or dashboard where the suction cup base is to be mounted. Press the suction cup base against the windshield or dashboard and move the locking lever towards the suction cup base.

Plug the monitor into the cigarette lighter to power for the display.



### **Installation of Smart Button**

Adhere the 3MTM adhesive tape to the back of the Smart Button. Peel off the backing of the tape from the Smart Button and adhere to any flat surface that is within easy reach.



### **OPERATING INSTRUCTION**

#### **Main Screen Interface**

- (1) Signal Strength: It means the strength of the signal between the camera and the monitor.
- (2) Solar Charging: This sign will be displayed in red at the top right of the screen while solar powered.
- (3) **Battery**: This sign represents the remaining battery power of the camera.

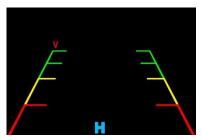
#### **Monitor Buttons**



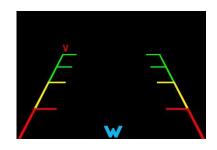
<i>;</i> =-;	Parking Guidelines button: Turn on/off or adjust the parking guidelines	
	Decrease button	
+	Increase button	
M	Menu button: Settings for Pairing / Brightness & Contrast & Hue / Mir-flip / Screen off time / Parking Guidelines	
SEL	Confirm button	
O	Power button: Turn on / off the monitor and standby	

### **Parking Guidelines Button**

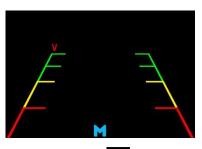
Press the button, the parking guidelines will appear.



Press once: Turn on the parking guidelines and enter **H** adjust mode, then press to move the lines to up or down. Wait 10 seconds to confirm and exit setup mode automatically or press to exit setup mode.



Press twice: enter **W** adjust mode, press to its width. Wait 10 seconds to confirm and exit setup mode automatically or press to exit setup mode.



Press 3 times: enter M adjust mode, press to move the lines to the left or right. Wait 10 seconds to confirm and exit setup mode automatically or press M / SEL to exit setup mode.

\*Press 4 times will turn off the parking guidelines.

### **Settings Operation**



# **PAIRING Operation**



The Wireless Backup Camera is pre-paired with the Monitor, and it is set as rear camera as default. You should see the screen that shows the rear view if the Monitor is powered and the Wireless Backup Camera is fully charged.

\*If you can not see camera image showing on monitor, pair the camera with the following steps:

#### **Pairing the Camera**

- \* Keep the camera and monitor closer when pair them (within 3 feet).
- ① Please make sure the antenna is mounted on the monitor. And power on monitor.
  - ②The green light of the camera flashes rapidly.
- ② Press button to access the menu and choose the PAIRING icon, and then press button to select and enter the pairing panel.
  - ③ Press button again for select the camera pairing icon.
  - ④ Wait a few seconds for the camera view appear and complete pairing.
- ⑤ If no camera is found, then the display will not show the image. In this case, cut off power and reboot the monitor. If you keep receiving no image

after several attempts, please contact our technical support to assist in troubleshooting.

#### NOTICE:

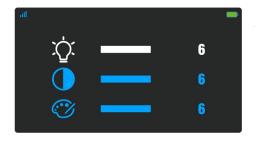
If the camera fails to pair with the monitor, please check and make sure the monitor and camera are powered on (please check the green light on the camera, if the lights are come on, it means the camera is powered). And then please follow above steps to re-pair the system.

#### **Pairing the Smart Button**

- 1) Power the monitor and make sure it is on.
- ② Press button to access the menu and choose the PAIRING icon , and then press button to select and enter the pairing panel.
- ③ Press + / button to choose the smart button pairing icon, and then press button to confirm it.
- 4 Press the smart button .
- ⑤ The screen displays "OK" and completes pairing.

**NOTICE**: The Smart Button may be delayed if it is operated too often, please operate the Smart Button every 3~5 seconds.

# PICTURE Operation



You can adjust the brightness, contrast and hue of the screen according to your needs.

\*In this panel, press **M** to move to the next slider, press **SEL** to back to menu panel

Press  $M \to Go$  into the **PICTURE Setting** $\to$ Press **SEL** $\to + / -$  (choose the icon you need) $\to$  Press **M** (move to the next slider) $\to$ Press **SEL** (back to menu panel) $\to$  Press **M** (exit menu settings)

# MIR-FLIP Operation

You can flip the image to front view, mirror view or inverted view according to your needs. There are four options to flip the image on the monitor:



- NORMAL: Normal Image for front view
- MIRROR: Mirror Image for rear view
- FLIP: Inverted Normal Image
- MIR-FLIP: Inverted Mirror Image

Press  $M \to Go$  into the MIR-FLIP Setting $\to SEL \to +/-$ (choose the icon you need) $\to SEL$ (confirm) $\to Press M$  (exit menu settings)

# Screen Off Time Operation

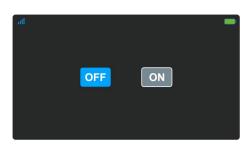


The screen will automatically turn off at the set time. If you want the screen to stay on, you can turn this feature off.

\*If the screen is always on, the camera will also be on and consume power.

Press  $M \to Go$  into the Screen Off Time Setting $\to SEL \to + / -$ (choose the screen off time) $\to SEL$ (confirm) $\to Press M$  (exit menu settings)

## Parking Guidelines Operation



If you would like to turn on/off the parking guide line on the screen, please select and enter the P-LINE status to turn on/off it.

Press  $M \to Go$  into the **Parking Guidelines Setting** $\to$ **SEL** $\to + / -$  (choose the "OFF" or "ON") $\to$ **SEL**(confirm) $\to$  Press M (exit menu settings)

#### **TROUBLESHOOTING**

- 1. Check to make sure the power source is active (if your cigarette lighter is switched with vehicle ignition, your monitor will only work when the vehicle is running or the key in the ON position).
- 2. Check to make sure the 12V car charger are in working order.
- 3. With power applied to the monitor, press power button
- 4. If the monitor doesn't work even though camera battery is fully charged It may the camera doesn't turn on or the camera loose pairing. Please press the On/Off switch to turn on monitor again
- 5. If ii doesn't work, please re-pairing the monitor to the camera as following steps:
- ①Power the monitor and wait for the the green light of the camera flashers and press M button to enter the menu and access pair icon.
- ②Choose pair the camera and press M button to confirm
- ③The monitor is pairing and the monitor show the camera image. The pair is done.

Monitor will not power up /does not work

Camera stop working/does not work	<ol> <li>The battery in the camera may be depleted and require recharging.</li> <li>In the process of use, there is wireless interference from outside. so if you can't turn on the product over 15 seconds after press the power button, please press the power button again to turn it on.</li> <li>The signal may be weak due to positioning of the camera and monitor (try re-positioning the monitor to another location)</li> </ol>
Camera gets blurry/foggy	<ol> <li>Check that the camera lens is clean from road grime, snow, or ice. Clean them by simply wiping off the dirt.</li> <li>There is moisture inside the camera's lenses. The changes between high and low temperature will cause fogging problems, just wait a few hours and it will return to normal.</li> <li>If it still blurry/foggy, please contact us via sales@uszeroxclub.com with your Amazon order number and the pictures of the camera/monitor.</li> </ol>
Why does the monitor keep showing " no connecting" on the display.	<ol> <li>The battery died, please try to charge it;</li> <li>Move the monitor to back near the camera, and pair it again.</li> <li>Please ensure your car is under 33ft, or we have 10ft antenna extension cable to boost the wireless range, if you need it, please contact us at sales@uszeroxclub.com.</li> </ol>
If the image appears to	Check the camera mounting screws to

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shake when the vehicle	the vehicle and re-tighten if needed.
is moving	
The red light of the	Please change to another power
indicator keeps flashing	adapter which reaches to 5V/2A
when in charge	

**Warm tips:** Any problems please contact us in time at <u>sales@uszeroxclub.com</u>, we are ready to assist you!

## **FQAS**

Question	Answer
The suction cup mount doesn't stick to dashboard, what should I do?	If the rough surface of the dash did not work, you can plan ahead and make sure the surface is smooth, like glass or plastic.  Clean the windshield thoroughly (inside) then place it, it will stick, if it doesn't then wash the rubber/suction part then try again  Use a little dish soap(very little bit) on the suction cup and it will hold just fine.
Does the camera stay on all the time while driving?  Is there another way to charge camera instead of solar?	You can turn off this feature by going to the screen off time setting. However, if the screen always stays on, the camera will also be on and consume power.  Yes, there is a covered USB charging port on the bottom of the camera. A charging cable and a

	USB wall charger is included with the
	unit. Please charge it before you use
	it the first time.
What are the dimensions of	It can hold a standard license
license plate holder?	plate/tags of any US State.
	We suggest to coat the camera lens
How do I keep my backup	with a hydrophobic fluid, such as
camera clean in the winter?	Rain-X, as a way to keep snow and
	slush from clinging to the lens.
How to turn on the night	It will be automatically turned on in
vision of the camera?	the dark environment.
How to solve the problem	Please contact us via email:
	sales@uszeroxclub.com for a
of camera's water-in?	replacement camera.
Why is the signal unstable when I am driving?	There might be a Bluetooth or other electronic devices interfering with the signal. Please try to adjust the angle of the antenna and keep the antenna away from metal or electronic devices to avoid signal interference.  * If there still has a signal issue with the system after above adjustment, we are willing to send you a 10ft antenna extension cable, please contact us via <a href="mailto:sales@uszeroxclub.com">sales@uszeroxclub.com</a> , we will send it to you for free.
How to turn on/off the Parking Guideline?	Press the Parking Guideline button.      MENULAND LINE A ON/OFF
	2. MENU → P-LINE→ ON/OFF.
Why the screen is flicking?	It might be caused by the current,

	please make sure the current draw on the camera and monitor is 2A.
What if I am not satisfied with this product?	We offer a 18-month warranty and 30
	days money back guarantee on all
	our products. If you have any
	problems with the product, please
	feel free to contact us via
	sales@uszeroxclub.com. We will
	reply you within 24 hours.

If you have any questions not mentioned above, just feel free to email us at <a href="mailto:sales@uszeroxclub.com">sales@uszeroxclub.com</a>. We're always there for you!

#### SAFETY INFORMATION

Incorrect installation might cause personal injury or property damage.

Contact **ZEROXCLUB** customer service for assistance if needed.

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

**NOTE:** Do not apply excessive force to any of the components contained within this kit. Otherwise, it might 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 <a href="mailto:sales@uszeroxclub.com">sales@uszeroxclub.com</a> if the part is ever compromised.
- Children should be supervised to ensure that they do not play with the appliance.

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- 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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