Manuals+ — User Manuals Simplified.

SUNWAYI SC43 Wireless Solar Backup Camera User Manual

Cargoplay

Wireless Solar Backup Camera
100% DIY, intalls in minutes

Contents

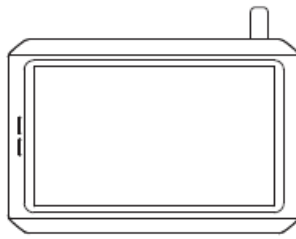## Components
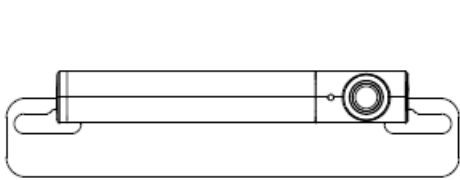
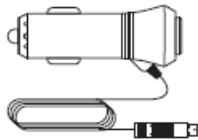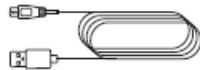Backup Camera (Built-in Battery)   5-inch Monitor   Monitor Suction Mount   Screwdriver

Car Charger with Button
(3.5 meters Line)   Charging Cable
(1.5 meters Line)   Double Sided Tape   User Manual

Get Started

Charge the Camera

- Use your existing USB charging port to initially charge your device before you install it on your vehicle and charge it when needed.
- Connect the charging cable to the Micro USB port of the camera.
- Plug the charging cable into any standard USB charger with an output rating of 1500mAh or higher.
- Charge for about 4 ~ 5 hours

OUTPUT: 5V / ≥1.5A   Micro USB plug

Jump starter

● Charging
● Full charged
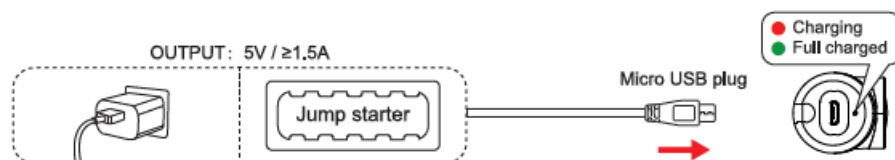
Attention:

- If you are leaving your vehicle unused for more than half a month, press the power button on the right side to turn off the camera. This prevents the battery from discharging.
- After its own battery is fully charged, the backup camera can work continuously for 7 .5 hours. If the battery used three times a day for 60 seconds, the working time of a fully charged battery is about 45 days to 2 months. If the battery indicator bar shows that the battery is in a low state of charge, please charge the battery in time. (The working hours is for your reference only, it also depends on the using environment.)

- If you use a power bank or a jump starter to charge the device, make sure that its battery capacity is no less than 5000mAh.
- 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 battery as following instructions and then charge it.

- Unscrew the anti-theft screw of the camera with the equipped screwdriver;
- Remove the camera in the direction specified below.

Test the System

- To ensure that all components are working properly, please test the system before installing.
- When the monitor is getting powered, the indicator lights on the monitor will flash once, indicating that the monitor is on and ready to work;
- Press the power button and turn on the rear camera;
- When the monitor is connecting with the rear camera and display the rearview, the indicator on the camera will glow steadily;
- After the setting working time is over, you can activate the system by pressing the button on the car charger or any buttons on the screen.
- The indicator light on the screen will flash twice, and then the image will display again. If not, please refer to the troubleshooting.

Installation

Install the Rear Camera

- Remove the license plate from your vehicle.
- Snap the bracket of camera into the license plate.
- Align the hole of the camera bracket with the hole of the license plate. Then tighten the license plate with screws.
- You can also install the camera on the bottom of the license plate.
- If you install the camera on the bottom of the license plate, please adjust the image's direction in the setting menu to avoid image inversion.

① ② ③ ④

Adjust the Camera Angle

The camera can be rotated up and down by 30°, you can adjust it according to your needs.

Mount Iha Monitor

- Clean and dry the mounting surface before fixing the suction cup bracket.
- Press the suction cup bracket against the mounting surface and push the suction cup lock lever down to lock the suction cup.
- Slide the monitor into the bracket. The angle of the monitor can be adjusted by loosening or tightening the rotary knob.
- Insert the monitor car charger into a 12V/24V DC power supply

Operation

Display Rear View

- Turn on the camera (Please make sure the camera is fully charged, see "Charge the Camera")
- Start your vehicle, the monitor gets powered then the rearview will display. (If no image display, press the button on the car charger or any buttons on the screen to activate the system)

Camera Status Light Quick Reference

Status	Description
⚪⚪⚪⚪⚪⚪	Off: Camera off, or camera in standby mode
🔴⚪⚪⚪⚪⚪	Glows 10s then off: No operation or connection, automatically enter standby mode
🔴🔴🔴⚪🔴⚪	Flash: Paring
🔴🔴🔴🔴🔴🔴	Solid On: Connecting with monitor (Rear view is displaying)
🔴⚪🔴⚪⚪⚪	Flash Twice: Turning off

Operate the Monitor

- M: Menu/ Return/ Confirm
- ▲ Forward/ Increase button
- ▼ T: Back / Decrease button
- Press the "M" button to access the setting menu. The display will show the setting menu for approx 3–5 seconds
- Press " ▲ " or " ▼ " to increase/decrease, or switch between the following menu items:
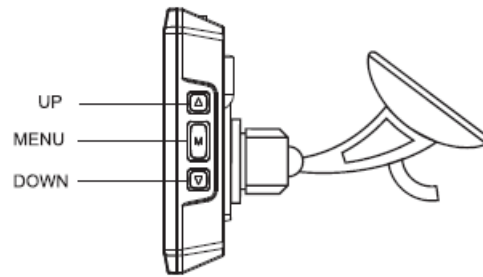
- Pair: pair the Iha monitor with the Iha backup camera
- B/C Control: adjust brightness and contrast
- M/U Control: switch to Mirror/Norma/Up/Down Image
- Reversing Time: sat the duration of reversing display time
- Guide Line: activate or deactivate guideline
- Reset: return lo factory settings

Indication of Battery Power

Battery power status	Relative power	Estimated duration	Note
	≈ 100%	≈ 75days	---
	≈ 70%	≈ 45days	--
	≈ 40%	≈ 20days	---
	≤ 20%	≈ 10days	Need to charge

Optional Accessory – Solar Panel

In addition to charging the battery by USB cable, you can also use the optional accessory – solar panel to charge it. Under the condition that the solar panel can be fully exposed to sunlight for 2 hours a day, and you are using it 3 times a day for 60 seconds each time, you should no need to charge the camera for 3 to 9 months. (The charging effect of solar panel and working hours is for your reference only, it also depends on the using environment.)
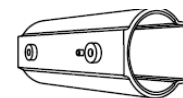
Package
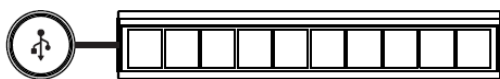
Solar Panel   Double Sided Tape   Bracket   Screws

Install the Solar Panel

- Solar Panel and Camera Separated Install
- CD Stick double-sided tape on the solar panel.

- Loosen screws and remove the license plate from your vehicle.
- Remove the charging cover of the camera, insert the plug on the solar panel to the micro socket of the camera, press the cover, and make sure that they are connected properly.

Hide the wire connecting the solar panel and the camera behind the license plate.
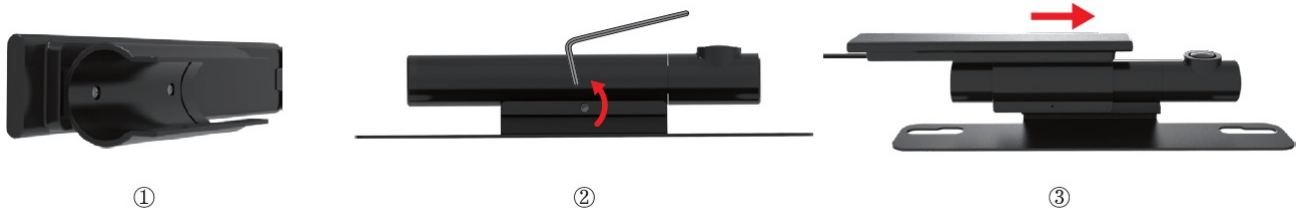

- Align the hole of the camera bracket with the hole of the license plate. Then tighten the license plate with screws.
- Tear off the double-sided tape on the solar panel and then stick the solar panel on the bottom of the license plate frontside


Solar Panel Install onto the Camera

- CD Fasten the bracket to the solar panel with screws dedicated to the bracket. (Use a standard screwdriver to tighten screws.)
- Unscrew the anti-theft screw on the camera with the equipped anti-theft screw screwdriver.
- Slide the solar panel into the camera in the direction shown below.

①   ②   ③

- Remove the cover from the camera charging port. Insert the plug on the solar panel to the micro socket of the camera, press the cover, and make sure that they areconnected properly.

④ ⑤ ⑥
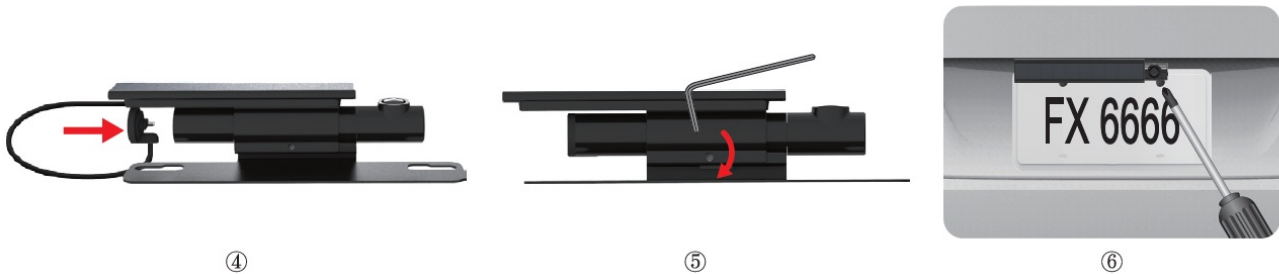
- Align the hole of the solar panel with the hole of the anti-theft screw, then tighten the anti-theft screw.

- Snap the bracket of camera into the license plate. Align the hole of the camera with the hole of the license plate. Then tighten the license plate with screws.

Troubleshooting

- The red light of the indicator keeps flashing when in charge
- Possible cause: The power adapter can"! supply enough current
- Solution: Please change to another power adapter which reaches to 5V/1.5A
- The monitor doesn't work even though camera battery is fully charged(green light stays on)
- Posslble cause: The camera doesn~ turn on/the camera loose pairing
- Solution: (D Please press the On/Off switch to turn on camera again
- If ii doesn't work, please re-pairing the monitor to the camera as following steps:
- Power the monitor and press M button to enter the menu.
- Choose Pair and press M button to confirm. The monitor is pairing and the monitor indicator light flickers.
- Press the camera battery switch for 5s. The camera is pairing and the camera indicator light flickers.
- The monitor indicator light off and the monitor displays reversing image. The pair is done.

Specifications

Warranty

You (as the end-user) receive a 12 months guarantee from the date of purchase. In addition, you can contact our service representative via the email address given in the warranty card to obtain an extended warranty. We will offer you an extended warranty of 18 months service. If we repair or replace a product, the repaired or replaced product shall be warranted for the remaining time of the original warranty period. If for any quality problem not satisfied with your purchase, you shall return any item in its original condition within 30 days of receipt and we will gladly provide a refund, replacement, or an exchange. Any items received after 30 days will not be accepted for refund. For any items received after 30 days, we will provide repair service during the warranty period. Our warranty does NOT cover the following situations:

- Warranty expired
- Damage caused by human factors, accident, misuse of the product
- Products purchased from unauthorized channels
- Unauthorized alternation to or change of parts or components of the product
- Fail to provide a receipt or proof of purchase
- Malfunctions caused by phenomena such as fire, natural disasters For speedy processing of your warranty claim you will need:
- Copy of the receipt showing the purchase date.
- Reason for the claim(description of defect).

Customer support can be found at **www.auto-vox.com** Alternatively, send an e-mail to a service representative at **servica@auto-vox.com**

FAQS

If charging via usb, do i need to unscrew the camera to charge or is the usb port accessible, while it is still mounted?
The USB port is accessible while is mounted. Just pull the end part out. It sits very snug in order to prevent water intrusion

how can I tell if solar charging is working? It depleted finally, doesn't show any charging indicator.?
According to the manufacturer, the solar charges the panel slowly, about two weeks per bar.

Can I install this if I can only unscrew one side of my license plate?
If you can unscrew the bottom side(all screws) of your license plate, you can try to install the camera to the bottom of your license plate

Is the camera resolution 720p?
Yes it is **720p** camera resolution

Do the monitor and camera automatically come on when backing up, or do you have to push the button each time?
You have to push the button. It will only come on when you back up automatically if you WIRE the CAMERA directly to the BACK UP portion of your back up lights.

Can the camera position be adjusted or flipped to focus on viewing upcoming curbs rather than upcoming cars?
No but at the same time it has a wide lens so it covers most of the back spot

Are the parts compatible with Auto Vox?
Yes the parts compatible with Auto Vox

Does the camera offer proximity sensing.?
No the camera offer proximity sensing

How do you select between cameras? Can you have a split screen?
The buttons on the right side of the monitor let you select front or back camera to look at.

Does the optional second camera also come with a solar panel? Does it come witl a mount?
It comes with mounting hardware, but not with solar panel, but you can order a solar panel for it.

What is the viewing angle?
About 140 degrees

The charger broke where may I get another?
Any phone charger will work.

How much is it to add solar to 2nd camera?
This is a great addition to my car that doesn't have a backup camera

Documents / Resources

[**SUNWAYI SC43 Wireless Solar Backup Camera**](#) [pdf] User Manual
SC43, SC43 Wireless Solar Backup Camera, Wireless Solar Backup Camera, Solar Backup Camera, Backup Camera, Camera