

EWAY WIFI WIRELESS BACKUP CAMERA KIT

CM0105-3448

Wireless Solar-Powered Magnetic Camera System

INTRODUCTION

Thanks for purchasing the Eway wireless magnetic hitch backup camera kit. Please read this manual carefully and keep it for future reference. It contains important information about how to use the camera and how to pair it with the monitor. We hope this product meets your expectations.

PACKAGE COMPONENTS

 Wireless Magnetic Solar Panel Camera	 Power Adapter 0.8m USB-C Charging cable Antenna	 User Manual
 5"Gesture Control Screen	 Cigarette Lighter 2m USB-C Charging cable Suction Cup Bracket	

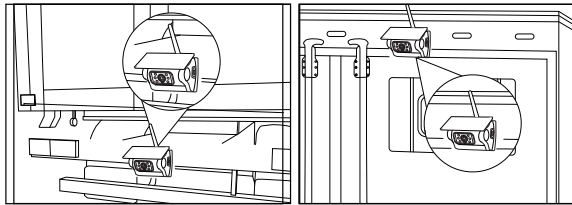
GENERAL DESCRIPTIONS

This backup camera got patent in the US. It has a strong magnetic base so it can be absorbed anywhere and not easily fall down. Driver just connect the backup camera with Wi-Fi to the 5" LCD monitor and see the rear view from the screen.

INSTALLATION

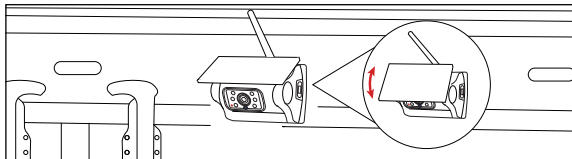
Mount The Backup Camera

The backup camera has a magnetic base which works best when placed on a flat metal surface of the vehicle. Please avoid placing the camera on curved areas or shaped bumpers.



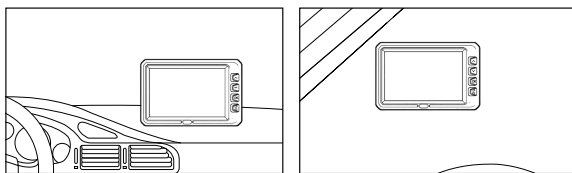
Adjust The Camera Angle

The angle of the camera can be adjusted up and down to provide the optimal viewing angle for your vehicle.



Mount The Monitor

Find a mounting surface inside your vehicle where the monitor will not obstruct your vision while driving and can be easily observed from the driver's seat. We suggest you can mount the monitor on your windshield or dash board.

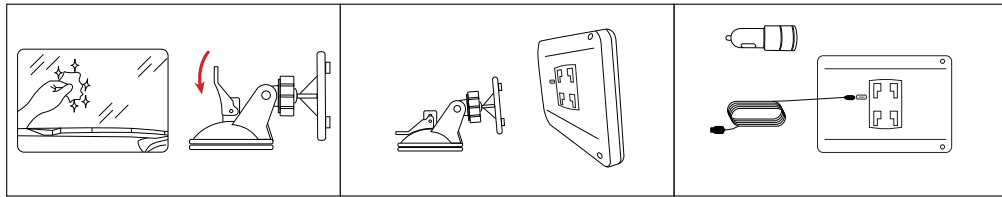


Warning Tips:

Before mounting the monitor, you can test the reception of the camera signal in different places. One location may have better reception than the other.

How To Install The Monitor

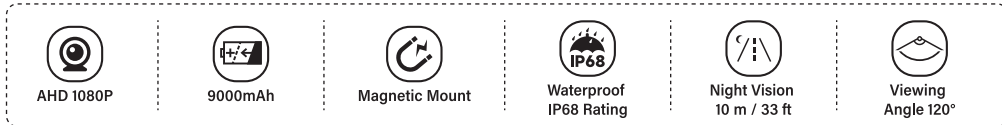
1. Clean and dry the area where you will mount the monitor before fixing the suction cup.
2. Press the suction cup against the mounting surface and push the suction cup lock lever down to lock the suction cup in place.
3. Rotate the monitor onto the bracket. The angle of the monitor can be adjusted by loosening the rotary knob. Once in desired position, tighten the rotary knob to secure.
4. Insert the monitor car charger into the 12V DC power supply.



ABOUT CAMERA



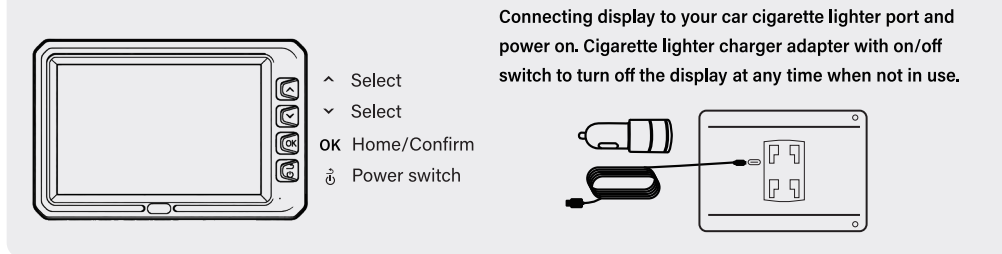
Camera Main Features



Camera Precautions

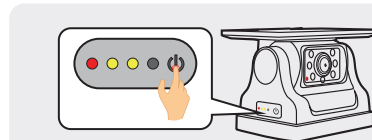
- ◆ Please connect the Type-c cable included with your hitch camera to the Type-c charging port on the back of the Hitch Camera. Charge the battery for more than 4 hours otherwise the camera may not function properly.
- ◆ The DC power supply can be directly connected to the 5-24V power supply to work (not the charging port).
- ◆ If the Power Indicator Red Light on the Side of the hitch camera starts blinking, it means it needs to be charged.

ABOUT MONITOR



Pair The Camera With Monitor

1. Press and hold the ON/OFF Power Button for 3 to 5 seconds until the front light turns solid red, it means the camera is powered on and broadcasting its Wi-Fi signal.
2. Powering the display and turn it on, the image from the camera will appear in about 5 seconds. If no image appears on the display, restart the camera and display and re-pair them.



Monitor Operations

- ^ Increase / Select Button
- ~ Reduce / Select Button
- OK Settings / Confirm Button
- Monitor's Power Button / Back Button

Monitor Menu Setting

1. Press the to access menu mode
2. Press ▲ and ▼ to advance the following menu items:
 - Language Switch
 - Auto Sleep
 - Restore Default
 - Gesture Switch
 - Parking Guide Line

Tips:

- 1) **Switch Display:** Short press to switch the display interface in sequence: Dual Screen -> Camera 1 -> Camera 2 -> Dual Screen, repeating the cycle. (See Fig-1)
- 2) **Parking Guide Line Adjustment:** Long press for 3 seconds to enter the adjustment mode for the guide line (up/down, left/right, and width), Short press to switch between adjustment modes (Up/Down, Left/Right, Width), Short press to adjust the lines, Long press to exit the adjustment mode. (See Fig-2)



FIG - 1



FIG - 2

SPECIFICATIONS

Camera Specification

Model No.	EW-B511
Image Sensor	1/2.9" CMOS
Effective Pixels	1920*1080
Waterproof Level	IP68
Viewing Angle-Diagonal	160°±5°
Viewing Angle-Horizontal	120°±5°
Viewing Angle-Vertical	65°±5°
Working Time	16h (IR On) / 20h (IR Off)
IR Distance	26-32ft (8-10m)
Wireless Transfer Distance	984ft (300m) of Open Area
Center Frequency Range	2410-2473MHz

Power Supply		+5V
Output Power		17.48dBm
Current Consumption	246mA (Typ.)@5V	Day mode (IR off, no display connected)
	258mA (Typ.)@5V	Day mode (IR off, with display connected)
	302mA (Typ.)@5V	Night mode (IR on, no display connected)
	314mA (Typ.)@5V	Night mode (IR on, with display connected)
Battery Capacity		9000mAh
Working Temperature		-10℃ ~ 50℃
Storage Temperature		-10℃ ~ 60℃
Operating Humidity		85%RH
Spread Spectrum		FHSS

Monitor Specification

Model No.	EW-M5002
Size	5 inch
Resolution	800*480
Power Supply	+5V ~ +24V
Operating Temperature	-20°C ~ 70°C
Storing Temperature	-30°C ~ 80°C

Operating Humidity	85%RH
Operating Frequency Range Cover	2410-2473MHz
Output Power	20.37dBm
Hand Sweep Sensing	12cm(4.7in) Day / Night
Wireless Transfer Distance	984ft (300m) of Open Area

TROUBLESHOOTING

1. No Image on the Display Screen?

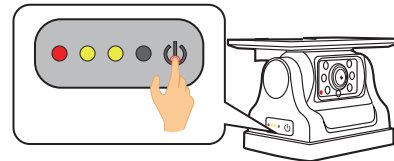
Kindly re-pair the camera and the monitor. Please check that the camera power supply is connected correctly.

2. Night Vision is Poor or Can Not Function?

Please check whether the light sensor on the camera is dirty or obstructed. Ensure the camera unit is installed at least 2 inches away from any rear lights.

3. Camera can't charge after one use?

Please ensure to Turn Off the camera before charging. Press and hold the power button for three seconds until all the battery indicator lights turn black.



4. Have been charged for over 4 hours, and the camera still no power?

Please ensure the input power for your Type-C connection above 5 Volt (1 Amp). And do NOT use the DC input port to recharge the camera. Note: Type-C to Type-C fast charging cables cannot be used to charge the camera.

5. Monitor can't turn on?

Please verify that the power cable is securely connected to both the monitor and the power source. Please confirm that the cigarette lighter socket is providing a 12V-24V DC Output, as required by the monitor. Please inspect the fuse located within the cigarette socket adapter to ensure it has not blown and is functioning correctly.

FCC Caution

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

For Wireless 5" Gesture Power-Save Monitor:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

For Wireless Solar-Powered Magnetic Camera:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

If you have any questions regarding your Camera, please feel free to email support@ewaysafety.com with your order number in the SUBJECT line of the email.