



# OWNER'S MANUAL

## EWAY WIFI WIRELESS BACKUP CAMERA KIT

### Wireless Magnetic Hitch Backup Camera System

#### INTRODUCTION

Thanks for purchasing Eway wireless magnetic hitch backup camera system.

Please read all the information carefully and keep it for future reference. This manual will address your questions about how to utilize the camera and monitor. We hope that this product can satisfy your needs.

#### PACKAGE COMPONENTS

Wireless Magnetic Hitch Backup Camera	5-Inch Monitor	Bracket	USB Type-C Cable
DC Power Cable	Cigarette Lighter Charger Adapter	EWAY® User Manual	

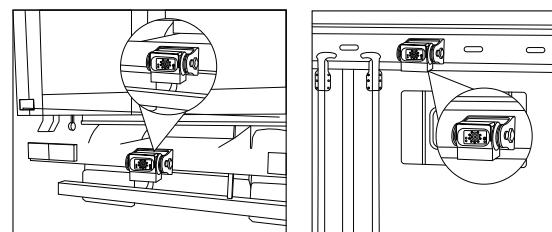
#### GENERAL DESCRIPTIONS

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

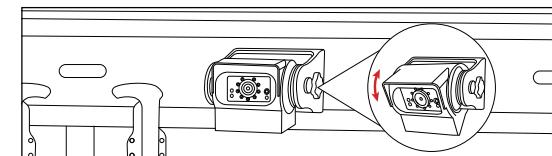
##### Mount The Backup Camera

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.



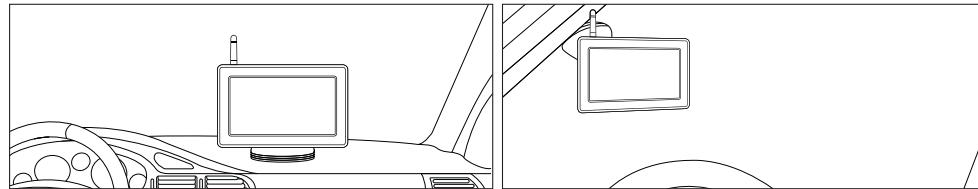
##### Adjust The Camera Angle

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.

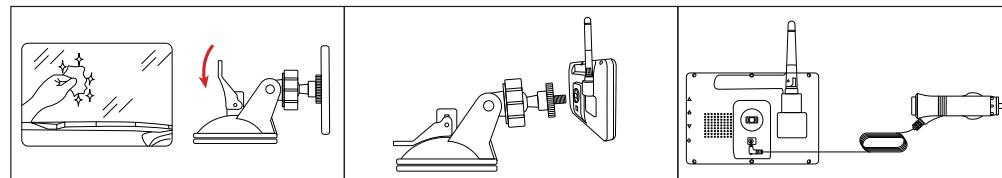


### Warning Tips:

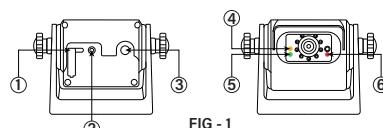
Before mounting the monitor, you can test the reception of the camera signal in different places. One location may have better reception than the other.

## 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.

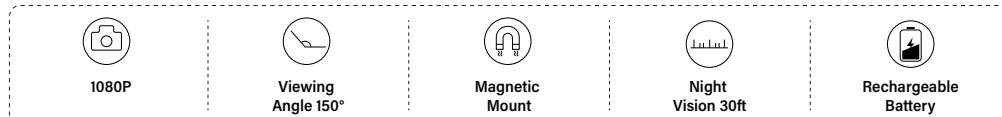


## ABOUT CAMERA



① Type C Charging Port	④ Yellow light on: Charging
② DC Power Supply Port	⑤ Green light on: Fully charged
③ Power ON/ OFF Button	⑥ Red light on: Working

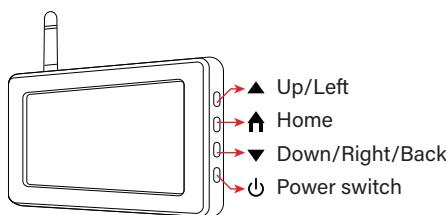
## Camera Main Features



## Camera Precautions

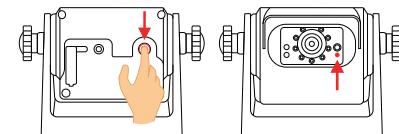
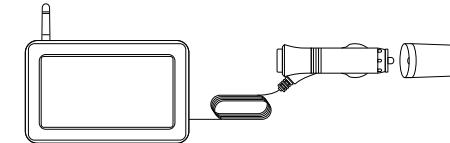
- ◆ Please connect the Type-c cable included with your hitch camera to the Type-c charging port on the back of the Hitch Camera (Fig 1-1#①). Charge the battery for more than 4 hours otherwise the camera may not function properly.
- ◆ The DC power supply can be directly connected to the 5-24V power supply to work (not the charging port).
- ◆ If the Power Indicator Green Light on the front of the hitch camera starts blinking, it means it need to be charged.

## ABOUT MONITOR



## Power On The Monitor

Connecting display to your car cigarette lighter port and power on. Cigarette lighter charger adapter with on/off switch to turn off the display at any time when not in use.



## 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

- Home/Menu Switch
- Power ON/OFF Switch
- Up/Left
- Down/Right/Back

### Monitor Menu Setting

1. Press **Home** to access menu mode
2. Press **▲** and **▼** to advance the following menu items:
  - ◆ Pair the backup camera with monitor
  - ◆ Switch CAM1 to CAM2 (See Fig-2)
  - ◆ Adjust the monitor brightness and contrast (See Fig-3)
  - ◆ Parking/Guideline Settings (See Fig-4)

### Tips:

- 1) When you turns on the monitor , the image is defaulted in CAM 1. Press **▲** to switch to CAM2, press again **▲** to switch to 2-screen interface, and then press **▲** to switch back to CAM1 interface (See Fig-2).
- 2) When entering the brightness setting or other third level function interface, press **▲** 2-3 second will back to second level setting interface. No matter which level function setting you are in, setting interface will automatically exit after 6 second without operation.
- 3) When entering the camera interface, the parking line will be turn on/off by press **▼**(See Fig-4).



FIG - 2



FIG - 3



FIG - 4

## SPECIFICATIONS

### Camera Specification

SKU	EW-BN53K1
Color	Black
Power Voltage	+5V~+12V
External DC Power Supply	+5V~+24V
Charging Current	500MA@5V
Connector Type	USB
Transmission Distance (open area)	164ft/50m
Infra-Red Distance	30ft(9 Infra-Reds)
Operating Temperature	-10°C~+50°C
Storage Temperature	-20°C~+60°C

### Monitor Specification

Monitor Size	5 inch
Resolution	800*480
Frequency Range	Wi-Fi:2412-2462MHz/2422-2452MHz
Modulation Technique	Wi-Fi:DSSS,OFDM
Voltage Range	DC 12V
Operating Temperature	-20°C~70°C
Storage Temperature	-30°C~80°C
Display Channel	Supports 2-channel

Angle	150° Wide View
Withstand Temperature Range	4°F to 45°F
Pixel	30W
Resolution	640H*480V
Battery Capacity	2800 mAh
Use Time((IR on)	8h(6h)
Charging Time	4h
Gross Weight	0.93 pounds (0.42kg)
Size(L*W*H)	5 x 2.4 x 3 inches(12.5 x 6 x 8cm)

## **WARRANTY AND SERVICE**

We provide a **3-YEAR WARRANTY** for this product. During the warranty period, we will repair for you if the product was damaged naturally. We reserves the right to amend the warranty content without prior notice.

Our warranty does NOT cover the following situations

1. Warranty expired.
2. Destroyed by human factors, accidents, misuse of the product.
3. Product buy from unauthorized channels.
4. Unauthorized alteration to change of parts or components of the product.
5. Fail to provide a receipt or proof of purchase.
6. Malfunctions caused by phenomena such as fire, natural disasters.

For more information or support, please see <https://ewaysafety.com>

If you have any questions regarding your Camera, please feel free to email [service@ewaysafety.com](mailto:service@ewaysafety.com) with your order number in the SUBJECT line of the email.

## **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.

## **IMPORTANT NOTE**

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**

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.