

# DIGITAL WIRELESS BACKUP CAMERA SYSTEMS

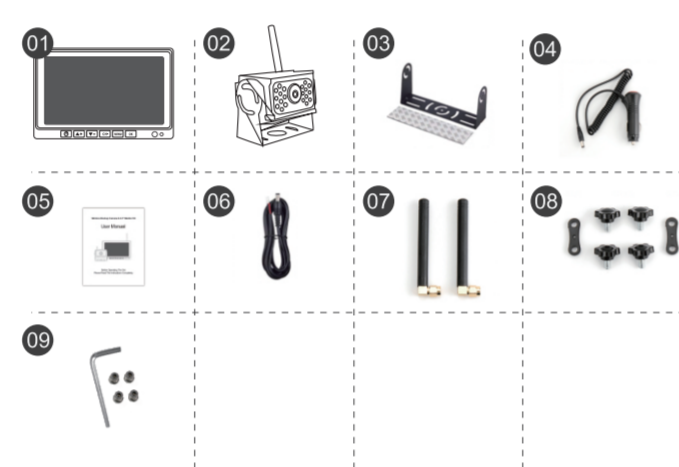
User Manual / Installation Instructions



## VEHICLE SAFETY SOLUTIONS

Before installation please read the manual

### What's in the Box?



NOTE: The contents included may be different based on the kit you purchased. Please take the actual product as standard.

- 01. 7-inch IPS Monitor
- 02. Camera
- 03. U-shaped bracket
- 04. Car Charger
- 05. User Manual
- 06. Power cable
- 07. Antenna
- 08. Accessories
- 09. Installation tool

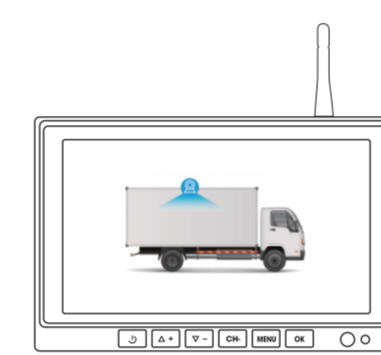
### Introduction

Please read all of the installation instructions carefully before installing the product. Improper installation will void manufacturer's warranty.

Thank you very much for purchasing a Rear View Backup Camera System. With this manual you will be able to properly install and operate the unit.

The Backup Camera System is intended to be installed as a supplement aid to your standard rear view mirror that already exists in your vehicle. The Backup Camera System should not be used as a substitute for the standard rear view mirror or for any other mirror that exists in your vehicle. In some jurisdictions, it is unlawful for a person to drive a motor vehicle equipped with a TV viewer or screen located forward of the back of the driver's seat or in any location that is visible, directly or indirectly, to the driver while operating the vehicle.

### Monitor Operation



Button	Function
	Use this button to turn the monitor On and Off
	Enter the menu left selection key
	Enter the menu right selection key
<b>CH-</b>	Switch channel
<b>MENU</b>	MENU
<b>ENTER</b>	Confirming

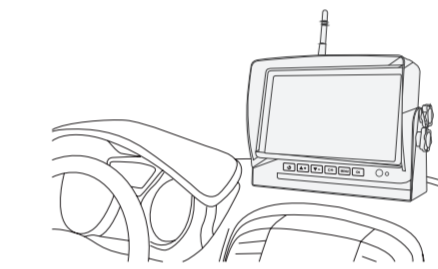


On the back of the monitor, you can insert a TF card. It is recommended to use high-speed TF card of class 10 or above, (Less than 128G)  
Plug in the card to start recording.

### Installation Diagram

#### > Monitor Installation

Choose a monitor location in your vehicle that does not block your view and complies with local laws for safe driving. Do not place in an area where it might interfere with driving.

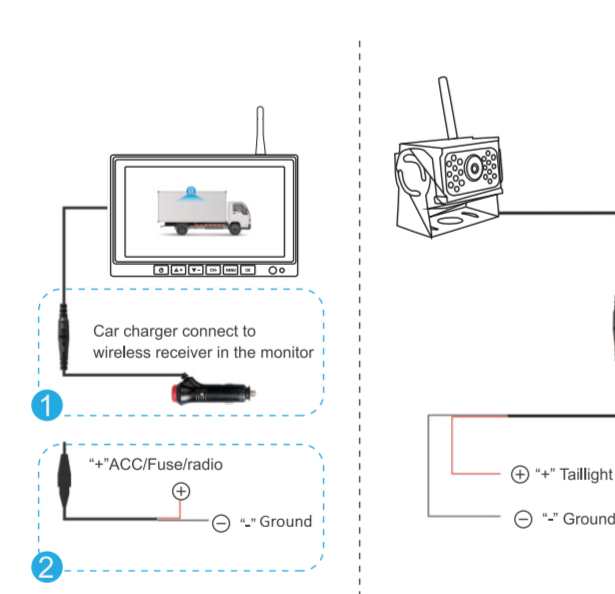


#### > Camera Installation

##### Suitable Installation Position

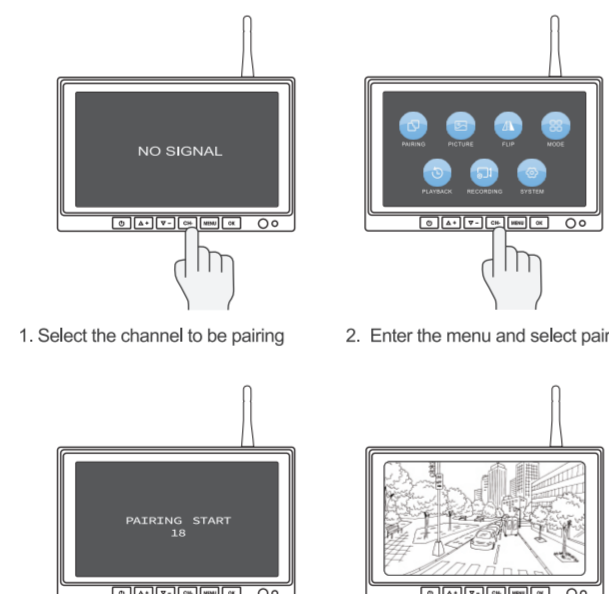


### Connection method



Note: Of connecting power directly to battery, the cameras always ON and therefore candrain battery. Therefore it is recommended to connect power to an ignition switched accessory power source.

### Pairing the Camera and Monitor



NOTE: when you need pairing, please confirm the circuit is properly connected and powered. If you need to pairing multiple cameras, please switch to the corresponding channel.

### Specifications

Power Supply	DC12 to 36V
Wireless Frequency	2.4 GHz
2.4G Wireless network range	2403-2480MHz
Wireless Range	500m(open area)
Debaying Time	<200ms
Operating temperature	-20°C ~ 80°C
<b>CAMERA</b>	
Image Sensor	1/3 inch
Waterproof Rating	IP68
View Angle	110°(H) 140°(D)
Camera Pixel	1000TVL
<b>MONITOR</b>	
LCD Size	7 inch IPS
Resolution	1024(H) x 600(V)
Contrast	50:1
Brightness	600cd/m <sup>2</sup>
Response Time	25ms
Power Consumption	<500mA

### Troubleshooting

Problem	Solution
Monitor Won't turn on	Check the cigarette lighter has 12-36V DC Output Check the fuse in the Cigarette socket adapter
Camera and Monitor won't pair	Check if the camera is receiving power Make sure to follow the instructions to operate the Pairing Check if the camera and monitor antennas are installed Distance between camera and monitor is too great. Reduce distance between camera and monitor Large dense objects could be obscuring the signal. If possible, move the objects Interferences from overhead power lines may be affecting the signal Try unpairing and pairing
Weak Signal	
Night Vision is poor	The night sensor on the camera may be dirty or obstructed Ensure the camera is installed at least 2 inches away from rear lights
Dark Picture	Check whether brightness and contrast are adjusted correctly

### FCC Statement

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.

Note: The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance, such modifications could void the user's authority to operate the equipment.

To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation configurations of the transmitter and its antenna(s).