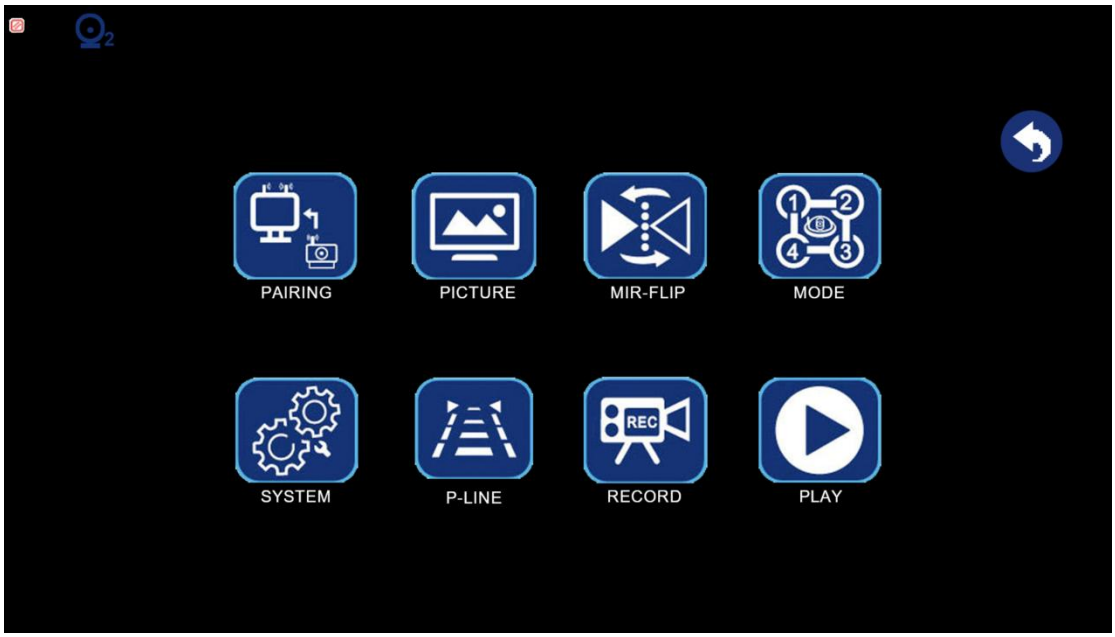
1080P Wireless Observation Camera System
Instruction manual

Before operating the system, please read this manual thoroughly and keep it for future reference.

1. Specifications

Monitor			
LCD Dimension	**5”**	**7”**	**10.1”**
Resolution	800*480 IPS Panel	1024*600 IPS Panel	
Wireless frequency	2.412~2.4835 GHz ISM Band		
Modulation method	CCK		
Standard	802.11b		
Wireless date rate	11Mbps		
Spread spectrum	IEEE 802.11b:DSSS (Direct Sequence Spread Spectrum)		
RF output power	20dBm ±1dBm		
Working mode	Ad-Hoc		
Receiver Sensitivity	11Mbps-86dBm@8%		
SD Card Capacity	Max 256GB		
Working voltage	DC12V-24V		
Camera			
Image sensor	1/2.9 Color CMOS		
Resolution	2.0 Mega		
Pixels	1920*1080		
Wireless frequency	2.412~2.4835 GHz ISM Band		
Working voltage	DC12V-24V		
Waterproof rate	IP69K		

2.Function Description



PAIRING

Under single channel status, touch the “PAIRING” icon to enter into the pairing interface. (Only applicable under single channel status)

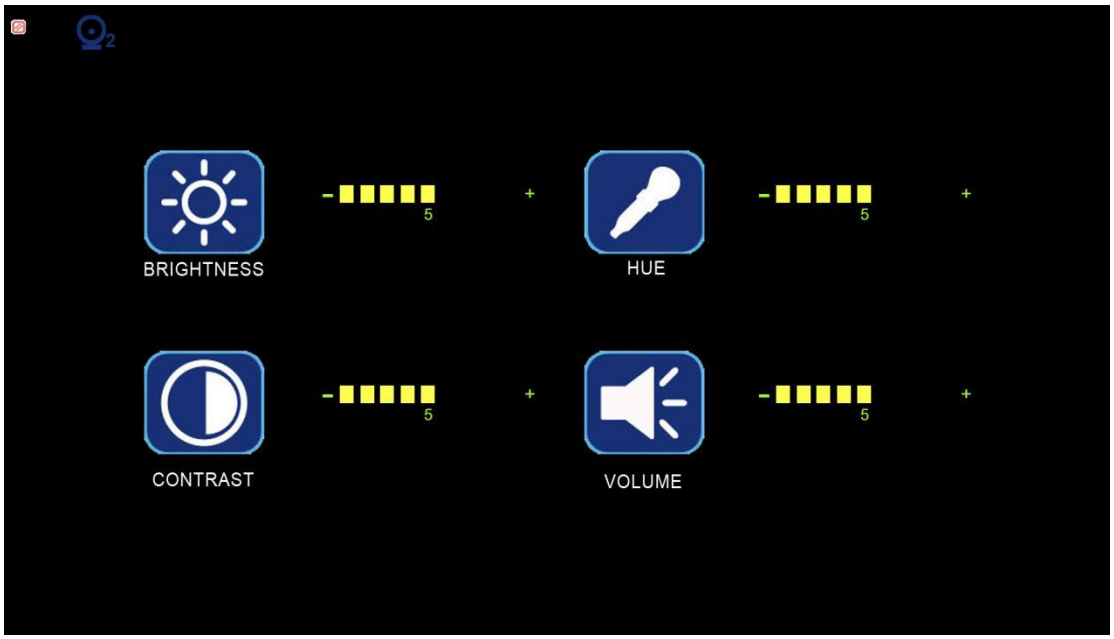
Once the pending pairing camera is detected within the 20 seconds countdown period, the system will be paired automatically, the paired camera image will be displayed.

Please note that the camera system is pre-paired already before

shipping.

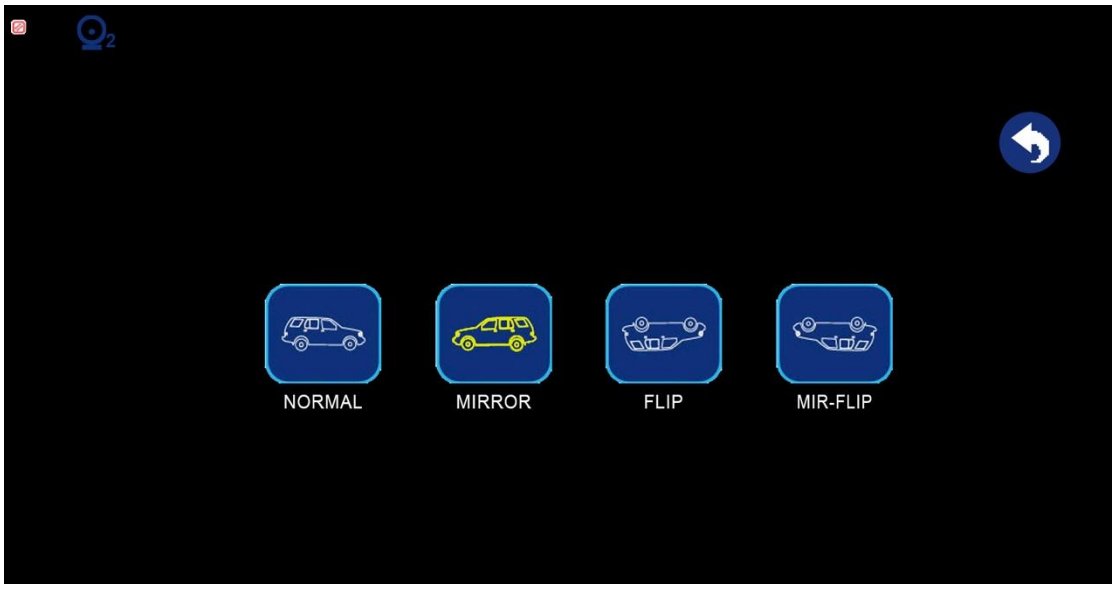
PICTURE

You can set the image’s brightness, contrast, hue and the system’s volume.



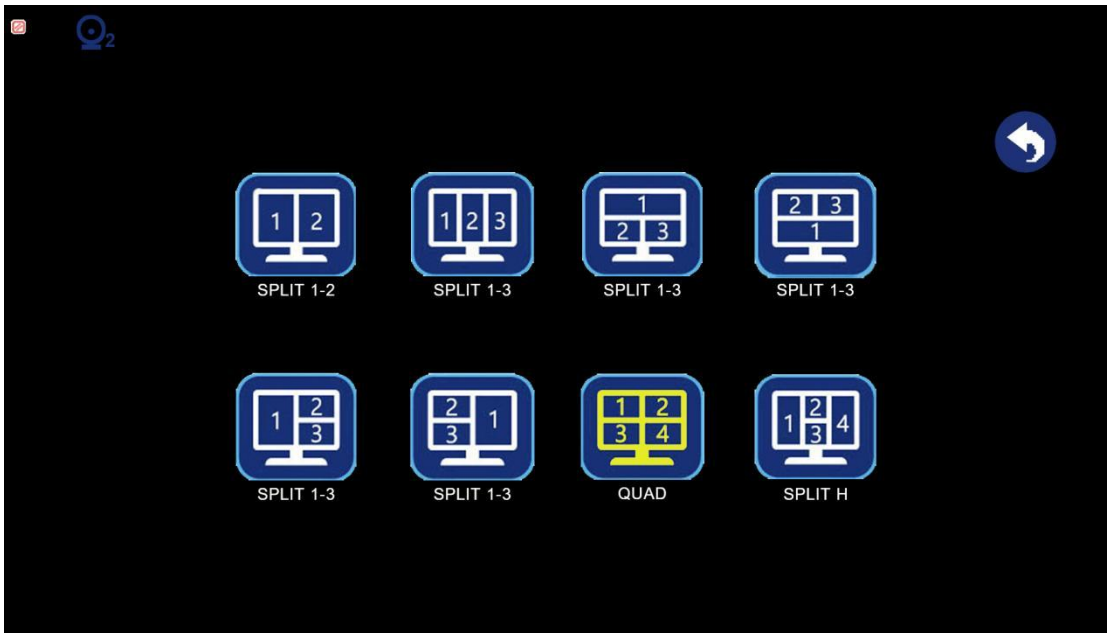
MIR-FLIP

You can flip the camera image up or down, or set the camera image mirror image or normal image.



MODE

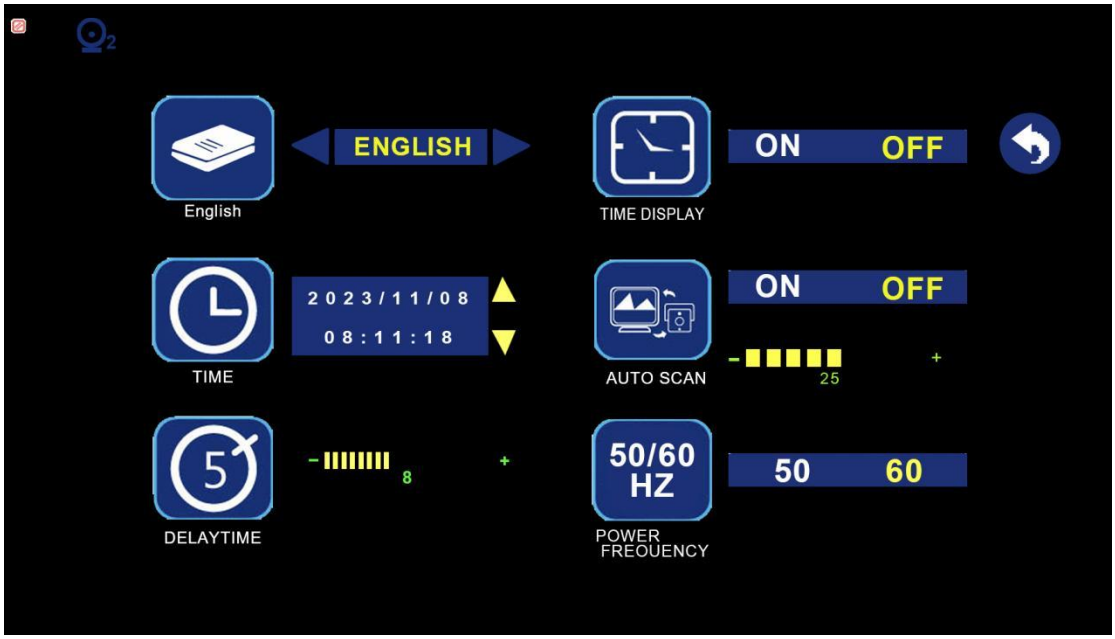
You can set the single full screen image/2 split images/3 split images/quad images according to your preference.



SYSTEM

You can set the OSD menu's languages, system time, date and time stamp on or off.

AUTO SCAN mode enable it can loop display each channel at 5-45 seconds, you can turn off any channels when no need or turn on or off the auto scan mode freely.

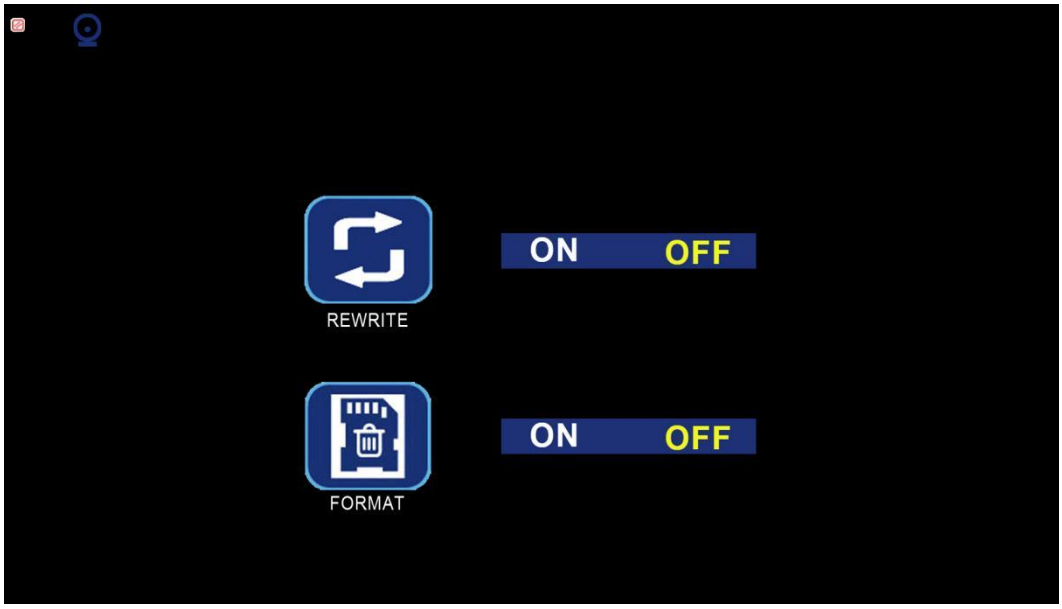


PARK LINE

You can turn on/off or adjust the parking line to assistant your reversing.

RECORD

You can turn on or off the recording function, loop recording, and also format the SD card.



PLAY

Touch the “Record” icon to playback the recorded video clips.

3.Wiring Diagram

4.Installation:

Monitor installation:

Make sure the monitor is mounted in a location that will not obstruct your vision while driving.

A. Suction Cup Mounting.

1. Slide the suction cup mounting bracket' s head into the monitor' s back metal slot, and then screw the plastic nut to make sure it contacted with the monitor firmly.

2 Before mounting the monitor, clean the mounting surface on your windscreen.

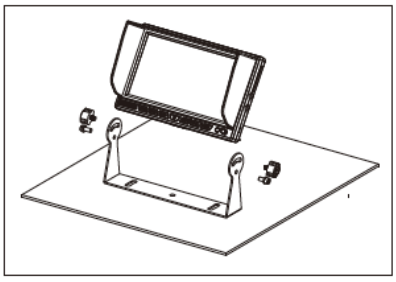
3. Position the suction cup onto your windscreen.

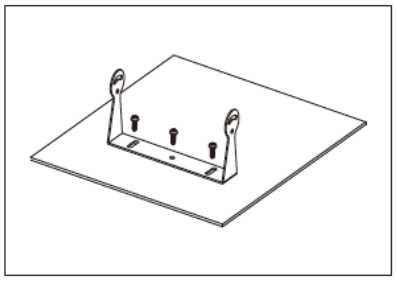
4. Press the suction cup against the surface and press the lock down button to fix it.

5. Adjust the knob to set the screen at a good viewing angle and tighten knob on the bracket to lock into position.

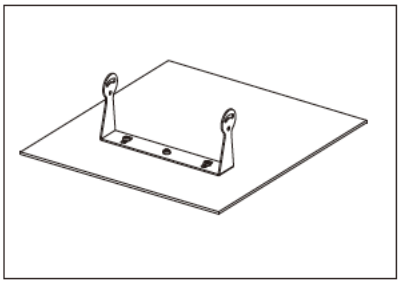
B. On dash U Shape Bracket Mounting

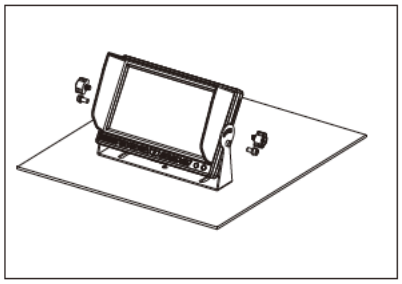
1. Remove the screws around and then take out the monitor, put the U shape bracket on the right place, prepare 3 pcs supplied screws.



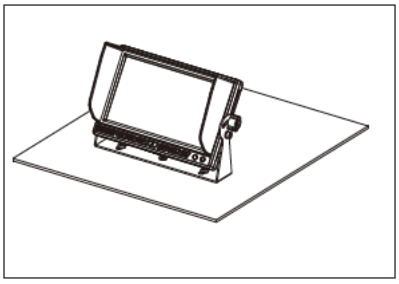


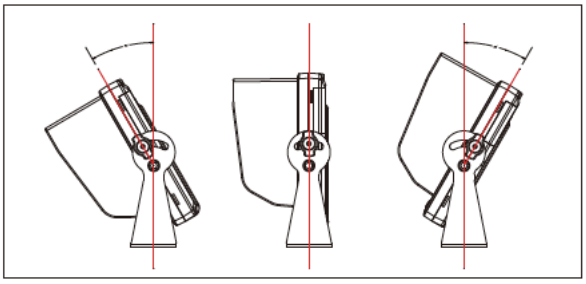
2.Fix the bracket, put the monitor into it, then lock it with the supplied screws.





3. Finish the installation, the adjustable angle is forward 30° and backward 30°, user can set it at your preferred angle.



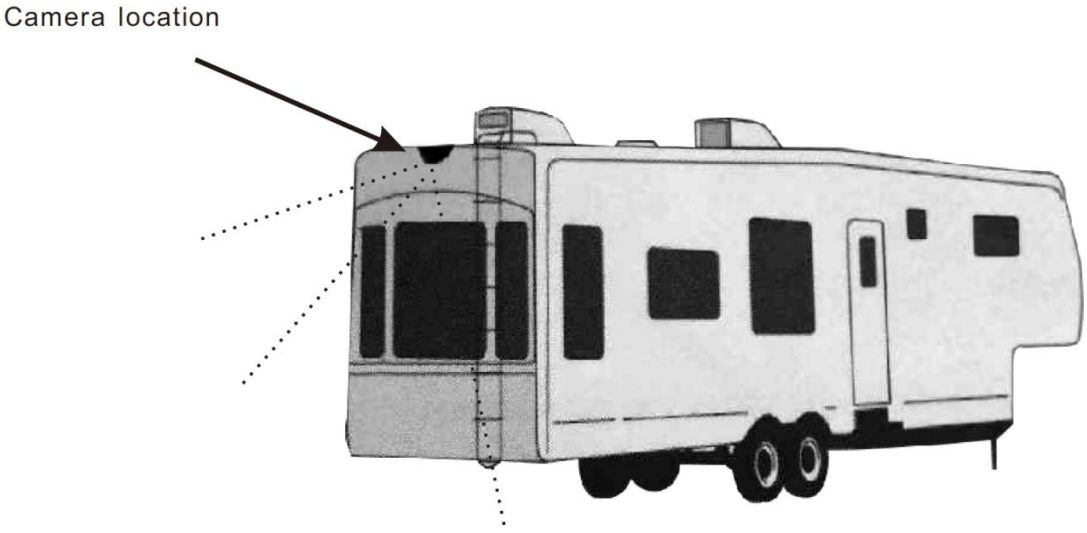


Camera Installation:

Caution

Make sure there are no electrical cables, gas lines or important parts behind where the drill holes will be. Make sure to isolate the 12V or 24V power source by disconnecting the negative (-) terminal from the battery.

Camera Position:



Wiring Installation

The system can be used as a rear observation system or as a

backup camera system.

To use as a rear observation system, the camera needs to be wired to a constant 12V/ 24V power source. Ex: If connected to running lights or marker lights, the lights must be ON for the system to operate.

·To use system as a backup camera system, the camera needs to be wired to a circuit that turns on when the reverse gear in engaged. Ex: Backup lights.

1. Chose routing path for the camera' s power cable to the power source depending on the desired function.

2. Before drilling the hole, make sure there are no components behind the surface you are drilling such as electrical cables, gas lines, or other important components that can be damaged.

3. After drilling the hole, insert the supplied grommet then route the camera cable into the opening.

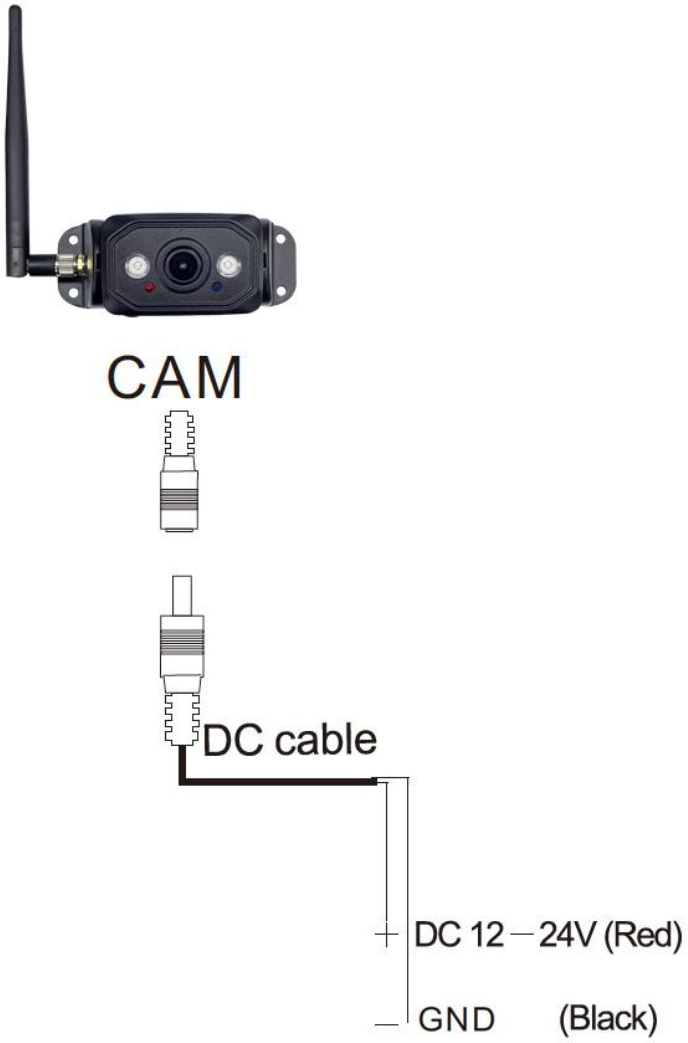
The grommet must be used to prevent the metal edge from cutting the cable.

4. Locate the power source required: Backup lights if used as a backup camera or running/marker lights is used as a rear observation system.

5.Once you have located the power source, route the camera cable to that location.

Never route the cable on the outside of the vehicle.

6. Connect wires as diagram below.



7.Make sure the battery' s negative terminal is disconnected. After determining the positive and negative wires, splice the wires using the quick connectors included.

8. Reconnect the negative terminal to the battery.