# WIRELESS 100% Waterproof Heavy Duty Backup 1080P Camera with Waterproof IP67 7" LCD USER MANUAL *option to add second waterproof wireless 1080P camera

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## INTRODUCTION
Thanks for purchasing our wireless 100% waterproof backup camera. With this manual, you will be able to properly install and operate the unit. Please read this manual thoroughly before operating the unit, and keep it for future reference. This system can add up to 2 wireless cameras.

## WHAT IS INCLUDED:

(1) Wireless Waterproof Monitor -  (1/2) Wireless IP69 Waterproof backup camera - (1) LCD Cigarette lighter Power cord (1/2) Camera power wire - (1) U Dash Bracket Mount for Monitor - (1) Antenna for Monitor - (1/2) Antenna for Camera (2) T-Taps - (4) Screws - (1) 3M Commercial Grade Adhesive Tape - (1) Instruction Manual

## MONITOR INSTALLATION:
Dash Mount Installation - U-bracket dash mount and screws along with 3m adhesive tape for quick install.

## MONITOR FUNCTIONS:
Press the M button to enter the menu mode, there are 8 functions here: Pairing/Picture/MIR-FLIP/Mode/Cam-setup/System/Play/Record. FUNCTIONS NOT USED: PLAY/RECORD FEATURES AS THIS BACKUP SYSTEM DOES NOT RECORD

## MONITOR BUTTON FUNCTIONS:
1: MODE: Used as the "OK" button
2: CH: Touch it to switch between 2 cameras, and camera mode viewing
3: Left Arrow: Touch to Navigate Left in menu settings
4: M: touch it to enter the menu mode
5: Right: Touch to Navigate right in menu settings
6: POWER: Press it to power on/off the monitor

**LOCK FEATURE:** Touch M button and hold for seconds till you see the lock icon on left upper corner then touch MODE to lock the buttons for waterproof, unlock it the same operation.

## SUPER-EASY 1-STEP INSTALLATION

❷ 12 VOLT HARDWIRE DIRECTLY TO BATTERY

❶ OR SUPPLY POWER VIA CHARGER FROM CIGARETTE LIGHTER

Positive +
Ground -
+Positive
-Ground

## POWER INSTALLATION:
The monitor can be powered by a cigarette lighter outlet/Ignition switch.
The camera can be powered by Tail light or 12V DC power system.
Connect the red wire to the positive and black wire to ground Choose the camera location: Drill a 12mm diameter cable hold and secure the camera with two screws.
(package include screws)
Locate the Tail light or 12V DC power system wiring on your vehicle. Connect the red wire to the positive and black wire to the ground or negative.
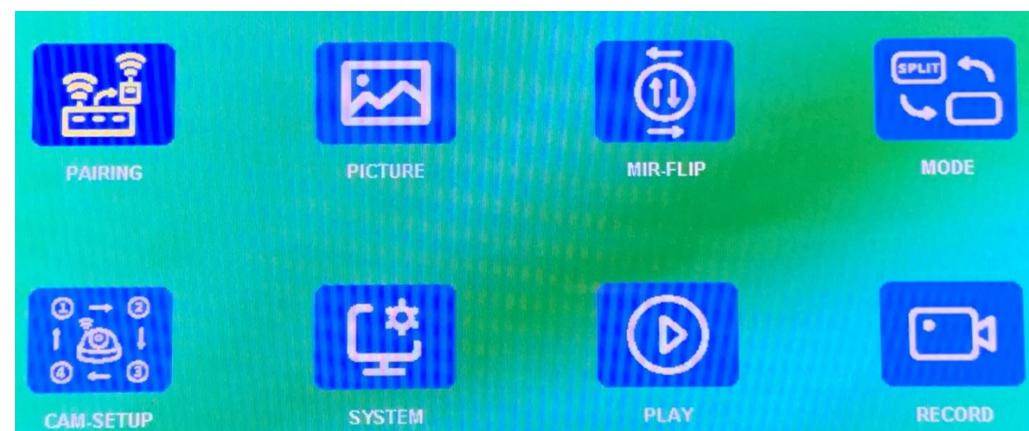
## PAIRING:

This backup system camera automatically pairs to the LCD once power has been connected. You may need to manually pair with the monitor when connecting a 2nd camera or a new camera that replaces the original camera.

The manual pairing steps are the follows: Press (M) Menu Button to enter menu mode, then press 1st icon, pairing mode.

Press the Mode Button (OK) button to confirm and enter this mode. The monitor will start to pair and you will see Pairing Start on screen, connect camera to a power supply. Wait a few seconds for the image to appear. Press menu button to return to previous menu.



FUNCTIONS NOT USED: PLAY/RECORD FEATURES AS THIS BACKUP SYSTEM DOES NOT RECORD

**CAM SETUP:** this is the circular function. If this function is turned on, CAM1 and 2 will switch between camera views. The image of the display on the top left of screen is labeled CAM1, CAM2.  After this function is turned on, the monitor cannot adjust the split screen function.

## PICTURE SETTINGS:

Press the **M** button to enter menu. In the menu, use right button key to enter select second icon. picture setting. Touch left/right arrow to navigate options. Press Mode button to confirm and enter this mode (turns red) setting you want to adjust. Use left/right arrows to adjust individual settings.  Note: The system has no volume function

## MIR-FLIP:

Rotation options (vertical/Rear view/Front view) Tips: The screen rotation setting can be switched in single camera display only, cannot in split screen.

## SPLIT SCREEN MODE:

Press the menu button to enter the menu mode. Use+ button to switch to split mode setting, press MODE button confirm and enter this mode (in this mode, you can choose eight different split screen mode. The last is off icon means to turn off split mode and enter single screen mode) For example, select the split screen of camera 1&2, and then exit the menu button. The screen displays the split screen image of camera 1 and 2 together.

## SYSTEM:

In this mode, you can adjust Time(not used) /Language/Auto-DIM/Delay time/enable_disable back up grid lines

## CAMERA ON/OFF:

This function can be used to turn ON/OFF the selected camera in the system (Confirm that all cameras are ON before setting)

For example: close CAM1. First select the CAM1 icon (the CAM1 icon turns yellow). Press the **MODE** button to enter this CAM1 (the icon is red now). then use right arrow button to switch to OFF, CAM 1 is turned off and the screen will not display the image of CAM1 (At this time, even if the camera 1 was connected and powered on, the screen will not display the image of CAM 1)

Press the **MODE** button to confirm and enter this mode. In this mode, you can adjust brightness/contrast/HUE. Press the menu button to return to the previous menu.



**Troubleshoot**
1.If there is no image after installation, please check whether the monitor has power.  Cover the infrared sensor to check if the camera's infrared lights turn on to confirm if camera has power. If IR lights are on, unplug and replug camera to power source. (see pairing instructions)
2. Check the positive and negative wires of the power supply before installation. If the positive and negative poles are connected in opposite directions, the camera will be damaged.
3. Sometimes due to the length of the vehicle or driving speed is too fast, the signal may becomes weak or the image is delayed. Please contact us for a wireless booster.