

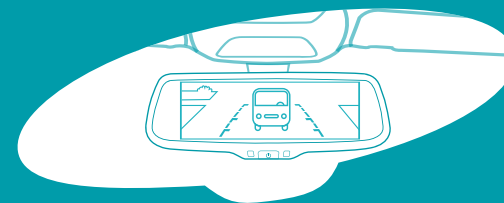


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7.3 Inch Car Rear View Mirror Monitor with Mirror link

User manual

FK-073MA

User's Manual

Welcome to use our 7.3 inch car Rear view mirror monitor with mirror link.

- We reserve the final explanation right on this User's Manual.
- Specifications are subject to change without notice. Sorry for any inconvenience caused!
- Please make a copy of the important data. We assume no responsibility for the data loss.
- This manual has been carefully checked. Please contact our service center when any typing mistake is found.
- Please read the operating instruction carefully and use the accessories only provided by the original factory to avoid any unexpected damage. No warranty will be executed if you are not following the instruction or connecting with the incompatible accessories, we assume no responsibility for any loss and damage caused hereby.
- Any discrepancy between the pictures with real products hereinafter, the real one prevails.
- The working voltage of this model is 10V to 30V, and it can be installed in the truck if its voltage is 24V. Please refer to the camera manual for the camera power supply, since it's not from the car rear view mirror. The 24V camera is advisable if installed to truck or purchase the power adapter to convert the voltage.

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Chapter one: Product Introduction

1.1 Package

The packing box contains the following accessories, please confirm:

- 7.3 inch car Rear view mirror monitor with mirror link
- wire harness
- User's manual
- wire cover
- Remote control

For the items listed above, please check with your package box. If any damage, Please contact with the distributor or the agent as soon as possible.

1.2 Features

- 7.3 inch wide LCD display screens
- 2-way video input
- Back up camera display
- Automatic brightness adjustment
- 4.0 mm glass and $\phi 21$ mm car factory OEM bracket
- Adjustable guide line
- Mode switch between wide screen and dual screens LCD display separately

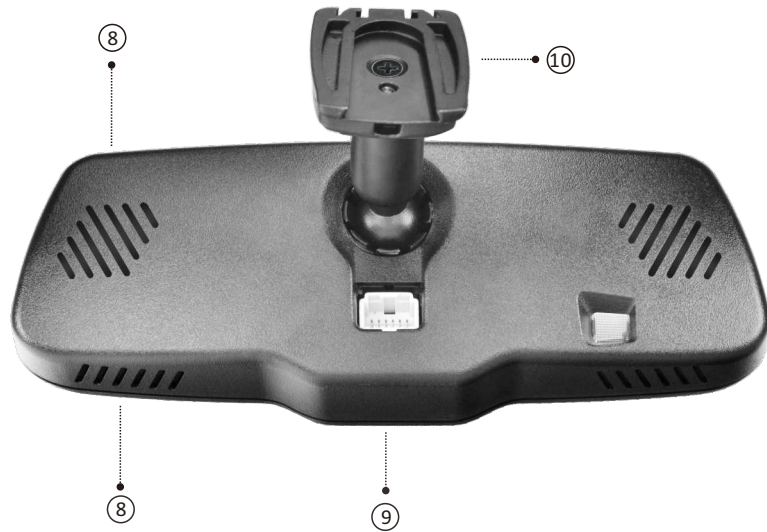
1.3 Specification

- Screen size: 7.3 inch
- Display screen: TFT-LCD
- Aspect resolution: 1280(H)*390(V)
- Working voltage: 12V
- Working temperature: $-20^{\circ}\text{C}\sim+65^{\circ}\text{C}$
- Signal system: PAL/Auto/NSTC

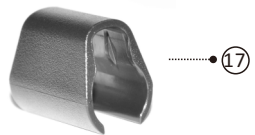
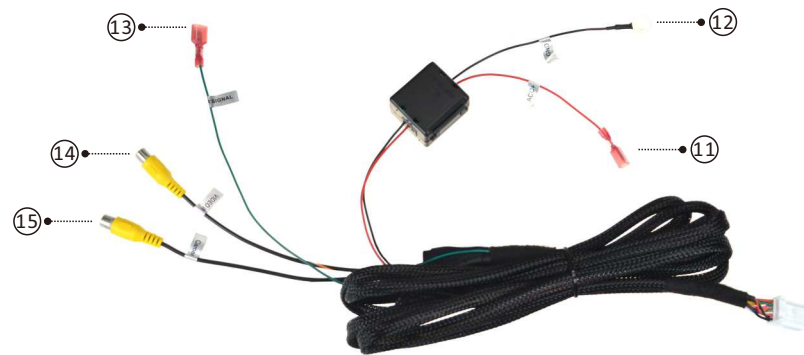
1.4 Operating panel



1	7.3 inch ultra high brightness display screen
2	Front light sensor
3	Turn on/off the display screen
4	Indicator
5	Mirror link model switch When the menu is closed, press it to switch model of Mirror link , model switched between Miracast Mode (Android) and DLNA Mode (iOS). Effectiveness only for DOUBLE and MOBLIE model.
6	Selection of video input channel Press shortly can realize the transformation about video input channels, also can realize choosing as DOUBLE, VIDEO1, PHONE, CAMERA channels. Reversing model can't be selected, only for CAMERA channel and there isn't reversing guideline. When reverse wire is connected to 12V, system will switch to BACK UP CAMERA screen automatically and reverse guideline is available. We can adjust it by remote control.
7	Color mode adjustment Short press it can adjust the color mode of the image. Four modes are available, that is STANDARD, BRIGHT, BEAUTIFUL, and SOFT. Please be noted that these modes only are accessible when it's not in reversing mode.



8	Horn
9	Connector
10	Special bracket
11	Red to ACC+
12	Black to GND
13	Back up signal
14	Video input
15	Camera
16	Connector cover
17	Cable cover



3



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Chapter two: Installation and Wiring

2.1 How to install

Remove the original mirror



Different cars have different brackets. It depends on your vehicle maker and manufacturer.

There are many methods to remove the original rear view mirror, however, please don't force the mirror off the bracket.

The manufacturer will not be responsible for any damage caused to your car by wrong installation of the mirror.

Install mirror monitor on the base



2.2 Special bracket

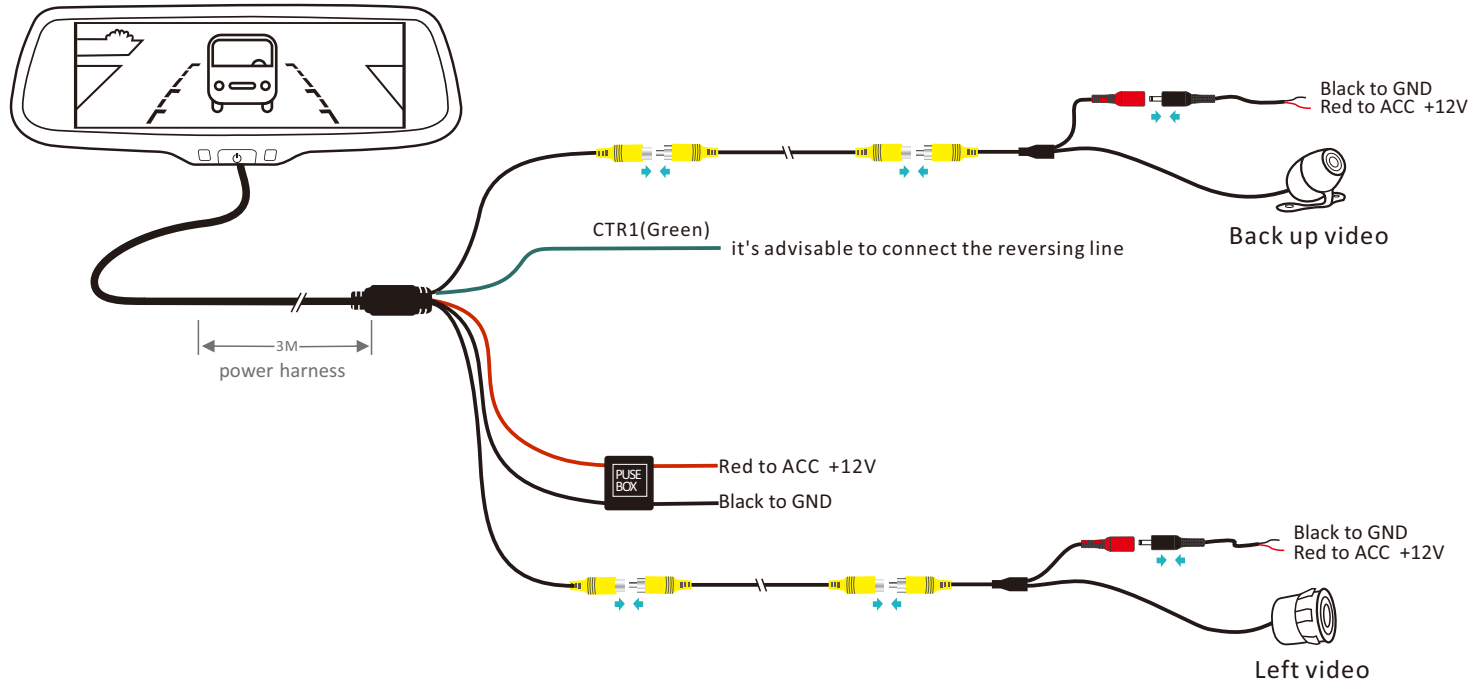


We have many kinds of brackets. one of them must suit for your car, and we are not going to go through anymore examples, because the space is limited.

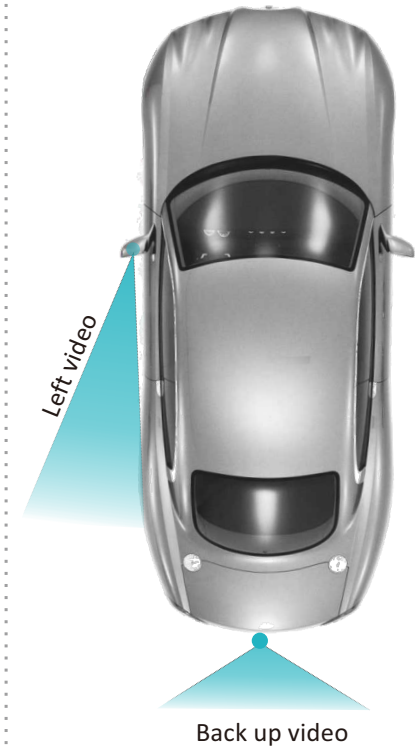
If you don't find the same bracket here as your car, please contact us.

2.3 How to wire

By connecting the green line, the reversing signal is input to the rear view mirror and reversing video can automatically display on the wide 7.3 inch LCD monitor.



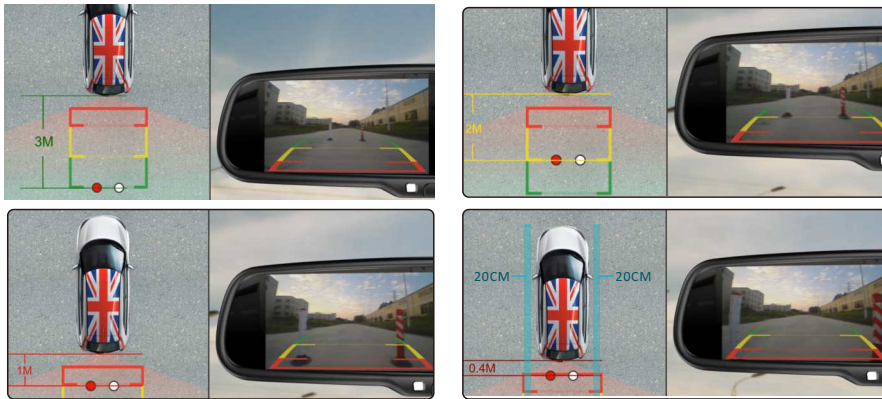
The advisable installation position for camera



Chapter three: Adjustable Guideline

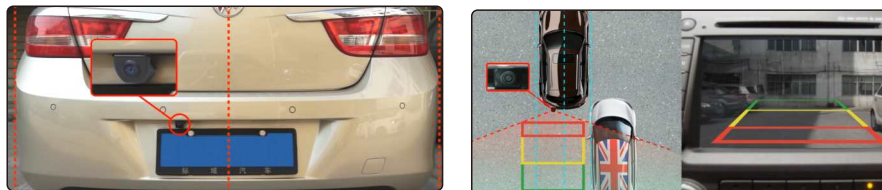
3.1 About guide line

Generally, to help drivers estimate the distance from obstacles, there are three lines for reference -red, yellow and green. Those three lines are displayed on the monitor when car is reversing. The green line is 3m from the back of car and the yellow line is 2m. The distant red line is 1m from the backside of car while the closed red line is 0.4m. Both reference lines on the left and right should leave 0.2m space from the car.










3.2 What the regular guide line is

Regular guide line is fixed. But installation sites of cameras are different as well as car size. The fixed guide line is not accurate enough for drivers. There will be a great difference between regular and fixed guide lines and car's real guide lines, especially when camera is mounted on the left or right side of car backside. It may cause accidents.

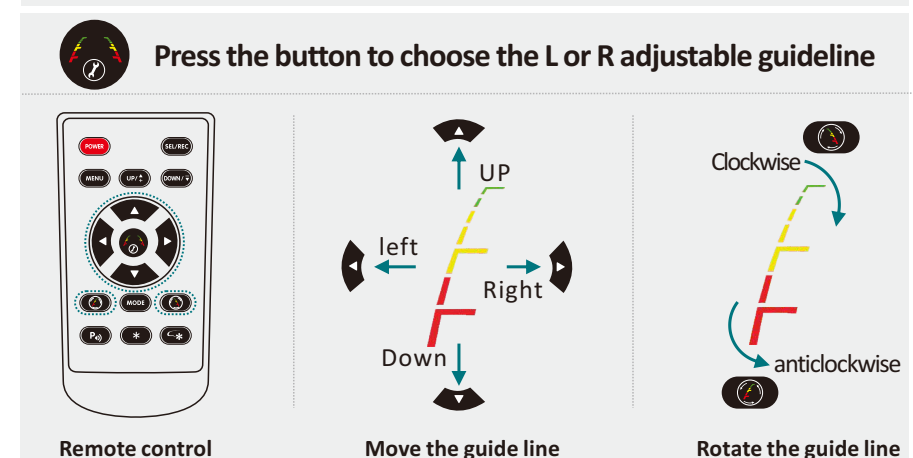
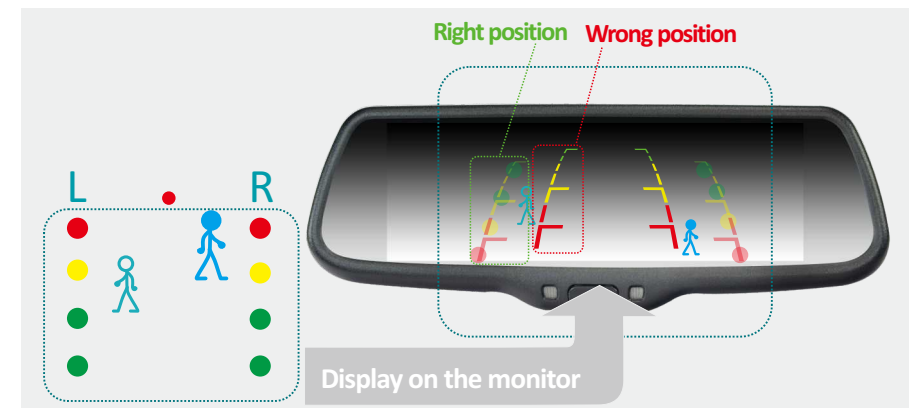


3.3 How to adjust the guide line

According to the site of standard reference line, we can put reference objects such as desks in the back area of car. Compared with the marked reference objects, we can adjust the sites and angle of two guide lines displayed on the monitor. You will get the accurate and safety guide lines once they coincide with the reference objects.

Press setting button  is to enter into "guide line adjustment" mode. The system is defaulted to adjust left guide line firstly. Press the button again will switch to adjust the right guide line. The up , down  left  and right  buttons are to adjust the correspondent location of guide lines. The clockwise rotation  and contra rotation buttons  are to adjust the angle of guide lines. It is easy to operate and calibrate. After finishing calibration, switch the reverse gear to save the information.

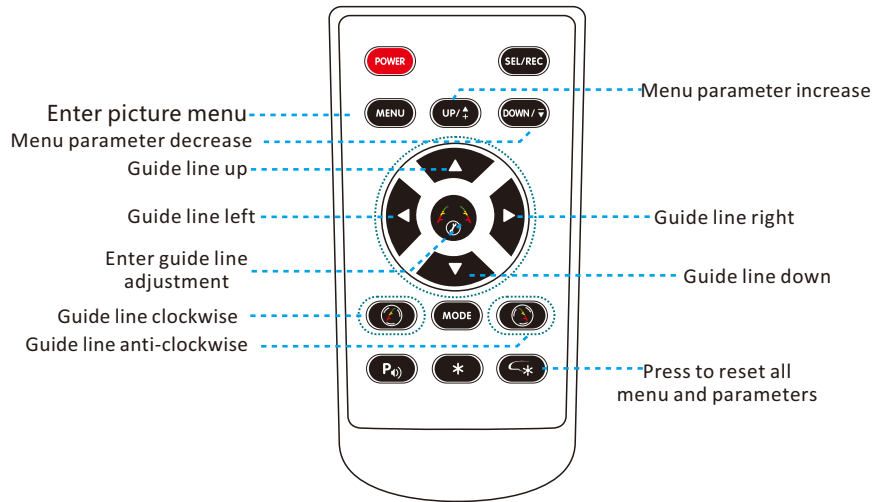
Caution: keep the remote control 0.5m-1.0m from rearview mirror when you use the remote to adjust the parking lines.



Chapter Four: Menu Setting

4.1 Remote control

The menu only can be set by remote control, and kindly check its definition as below.



4.2 Menu setting guidance

Short press "MENU" to enter "PICTURE", then you can switch among "BRIGHTNESS", "COLOR", "CONTRAST", "SCALE", "START LOGO", "PRESET", or enter out. When it switches to "PRESET", re-press shortly the MENU, and you would close the menu. UP and DOWN are to change the figure of each setting.

4.2.1 BRIGHTNESS ADJUSTMENT

The defaulted setting is 50, ranging from 0 to 100, and only CVBS signal can work.



4.2.2 COLOR ADJUSTMENT

The defaulted setting is 50, ranging from 0 to 100, and only CVBS signal can work.



4.2.3 CONTRAST ADJUSTMENT

The defaulted setting is 50, ranging from 0 to 100, and only CVBS signal can work.



4.2.4 SCALE ADJUSTMENT

It's only for the model with guide lines, and no such setting for those without such function. ON is defaulted setting, and you can manually set it to OFF.



4.2.5 START LOGO ADJUSTMENT

It's defaulted as "ON", you can set it to "OFF" manually.



4.2.6 PRESET ADJUSTMENT

It's defaulted as OFF, and ON is to preset the menu, then it switches to OFF automatically.



4.2.7 VOLUME ADJUSTMENT

The defaulted setting is 80, ranging from 0 to 100, and only CVBS signal can work.



The reversing mode is the top priority, then all touch panel is ineffective. The video cannot be switched until the parking mode is ended. But the manual button is accessible. Short press is to adjust the brightness of the monitor, long press to turn off the screen.

Chapter Five: Mirror Link

This is a special device to project your mobile phone to Rear view mirror monitor through WiFi connection, and the popular standards like DLNA, Miracast and Air Play. The driver can set the navigation path on the phone before entering the car, and then so long as the phone WIFI connected to rearview mirror, the navigation audio and video can be simultaneously displayed on the rearview mirror. While driving you can also set navigation path by a passenger using a mobile phone, the image is simultaneously displayed on the rearview mirror.

Please note: Keep the bluetooth being closed when you use mirror link function and connect your phone!

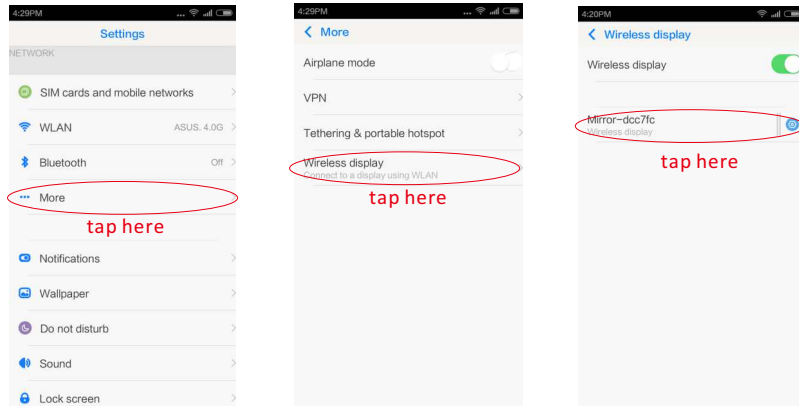
5.1 How to connect

5.1.1 How to connect with Android phone (Android version have more on how to use wireless projection function, please consult the phone instructions)

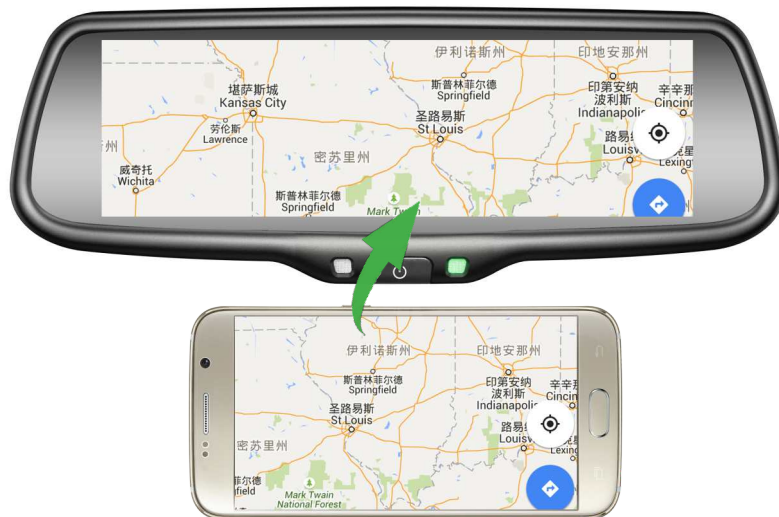
1: First, make sure android phone has wireless projection function (part of the phone can not support wireless projection, or part of the phone wireless display needs to root and could use after changing the system file).

2: Click the "M" button on the TP button, switch wireless mode to Android mode; open the WIFI on your phone, then search equipment in the phone's wireless projection function, connect the device according to the wireless device names displayed on the screen , the step is as below:





After finishing the connection, then the phone screen projected onto the rear view mirror, you can press “CH” on TP button to decide DOUBLE MOBLIE dual mode or single-screen mode.

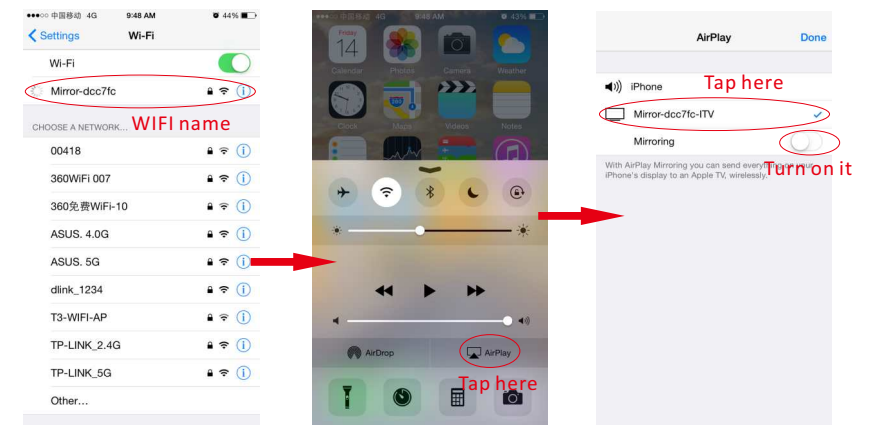


5.1.2 How to connect with iPhone

1: First, click the “M” button on TP button, switch the wireless mode to iOS mode.



2: Using iPhone search WIFI (WIFI name is displayed on the screen and shown as below), then enter the default password::12345678. After finishing WIFI connection, bring up the shortcut menu, click on the AirPlay function, select the device name, and open the Mirroring.



After finishing the connection, then the phone screen projected onto the rear view mirror, you can press “CH” on TP button to decide DOUBLE MOBILE dual mode or single-screen mode.



5.2 Channel switching

Press the “CH” button on the screen, could switch display among CAMERA (default and only full screen display), VIDEO1, MOBILE, VIDEO1 full screen display and MOBILE full screen display.

5.2.1 Camera full screen display



5.2.2 VIDEO1 and MOBILE display simultaneously



5.2.3 VIDEO1 full screen display



5.2.4 MOBILE full screen display

