

User Manual

1. Accessories

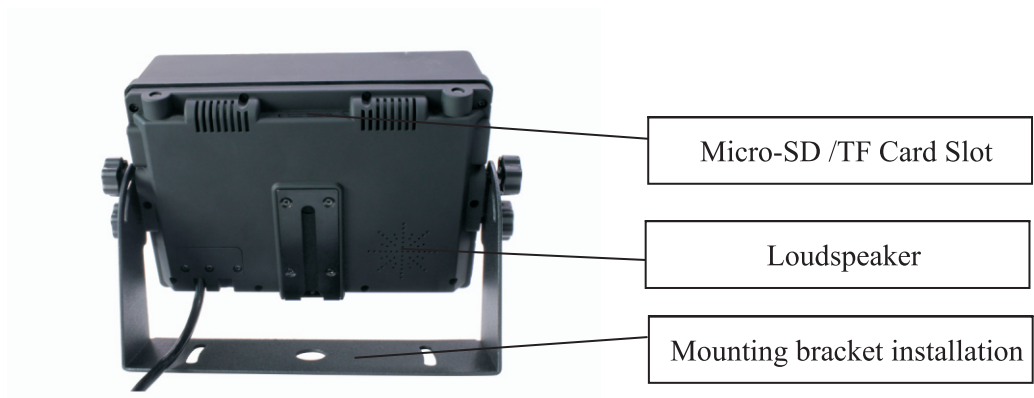
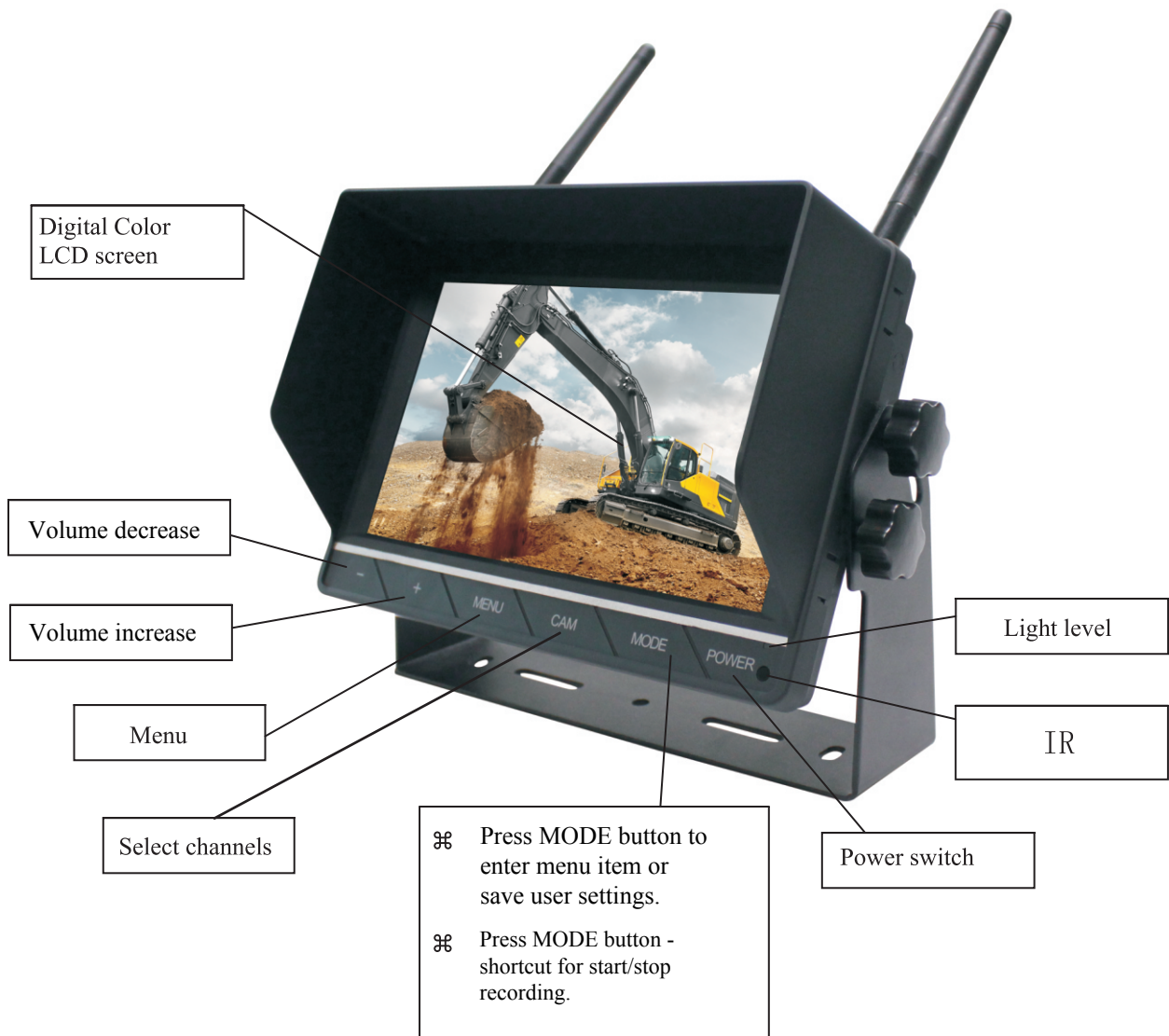
 <p>U-Support Bracket</p>	 <p>Mount Bracket Option</p>
 <p>Power cable</p>	 <p>Angle Adjustment Screws</p>



Special Notice

Accessory supply may be different for different application.

2. Parts Identification



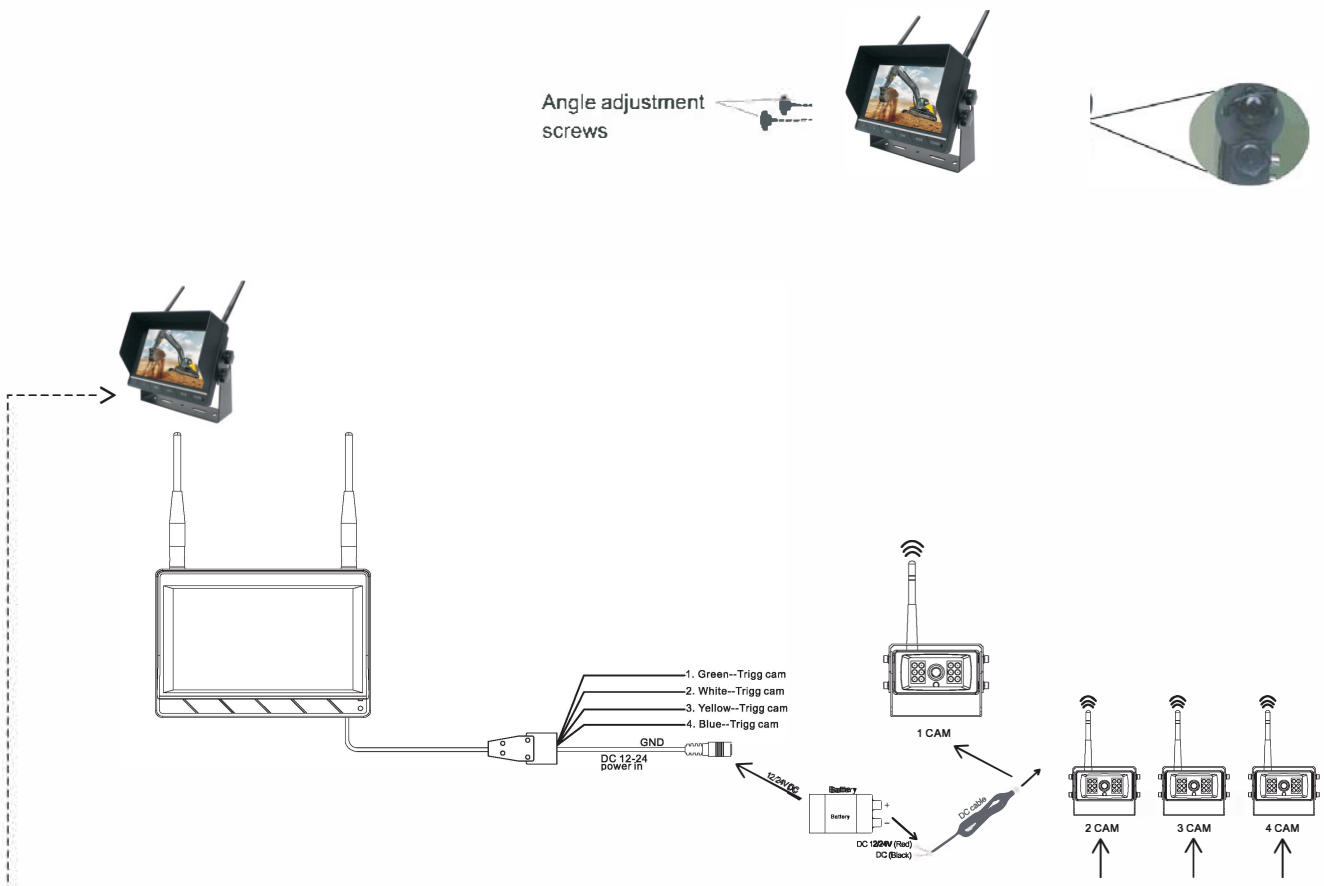
3. Basic Operation

3.1 Installation of Center Mounting Bracket:

- ① Adjust monitor level by sliding the support to the desired height.
- ② Adjust the angle of the monitor and tighten the knob on the center mounting bracket.

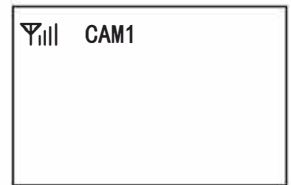


3.2. Installation of U-support Bracket

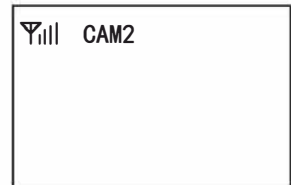


3.3.Reversing Display:

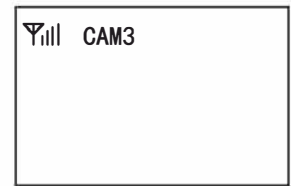
3.3.1. When the green wire is activated, the monitor automatically switches to CAM1.



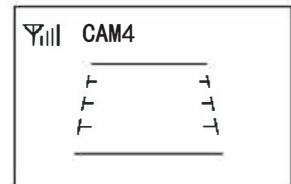
3.3.2. When the white wire is connected to the positive wire of the left turn light , the monitor automatically switches to CAM2(left side camera) when the left turn indicator is activated.



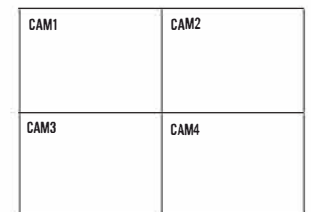
3.3.3. When the blue wire is connected to the positive wire of the right turn light, the monitor automatically switches to CAM3 (right side camera) when the right turn indicator is activated.



3.3.4. When the brown wire is connected to the positive wire of back-up light, the monitor automatically switches to CAM4(back-up camera) when the back-up light is turned on. The distancing grid will also be displayed.





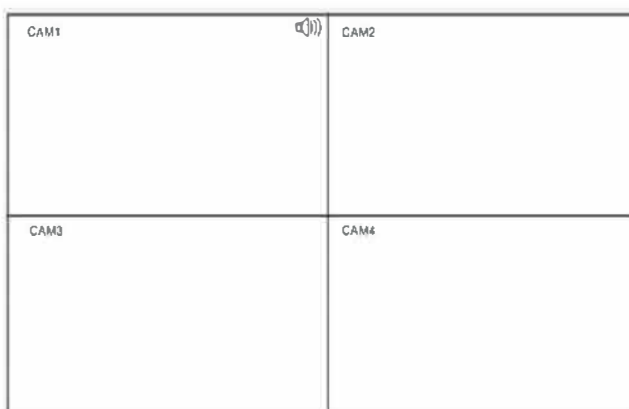
3.3.5. When the yellow wire is connected to the positive wire, the monitor automatically switches to quad or split display. Connection depends on the application request.



3.4. Volume selection under quad view

3.4.1. Check the column icon on the top right area on single channel. It stands for audio out for the selected channel.

3.4.2. Press  or  to select the channel for audio out.

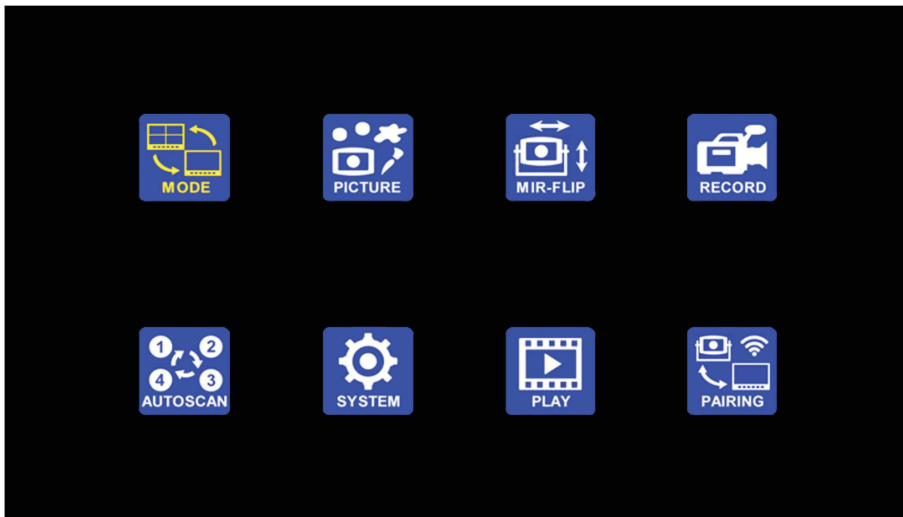






4. Menu

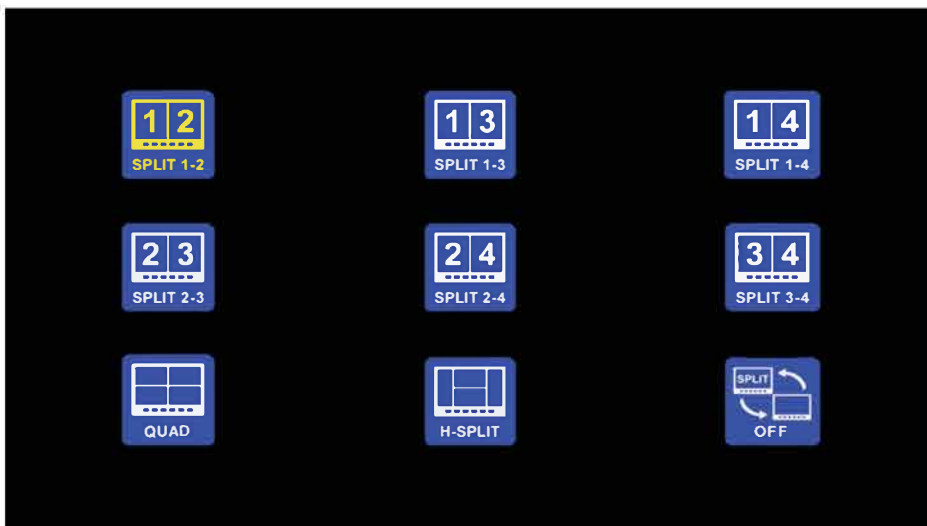
⌘ MENU is allowed for operation under single image mode, not under quad view.

⌘ Press MENU to display the following options and settings:

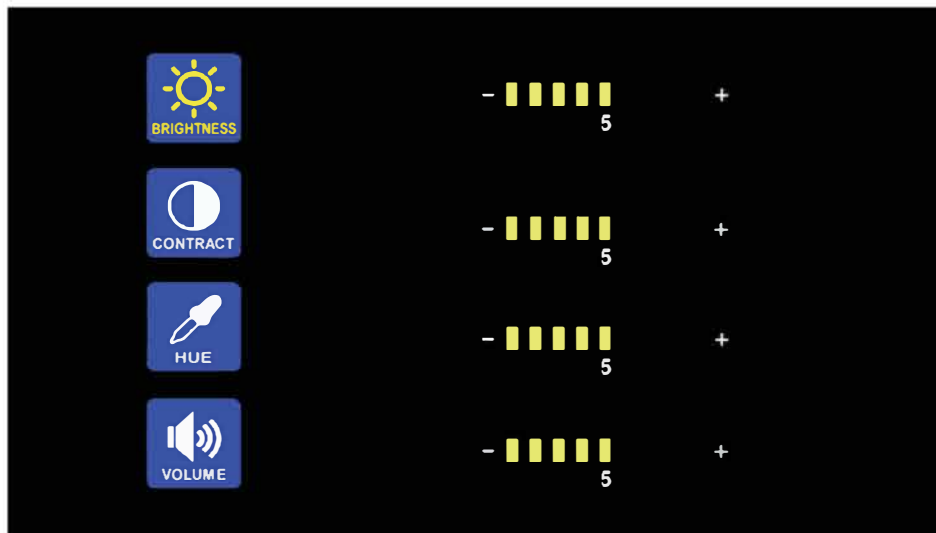
1. MODE
2. PICTURE
3. MIR-FLIP
4. RECORD
5. AUTOSCAN
6. SYSTEM
7. PLAY
8. PAIRING



- (1) Press  or  to select MODE. Press MODE to enter the submenu, and press  or  to select QUAD/H-SPLIT/SPLIT, Press MENU return to main menu

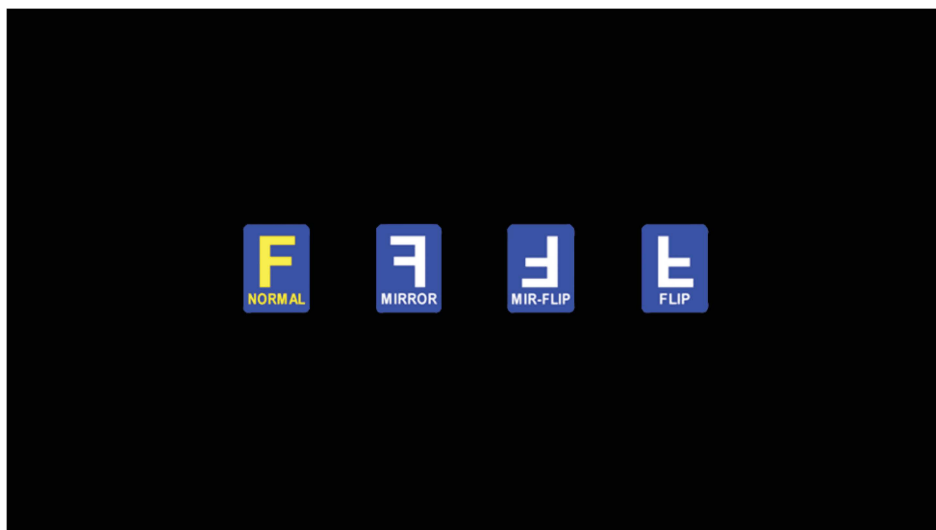


(2) Press **+** or **-** to select PICTURE, and press MODE to enter the submenu



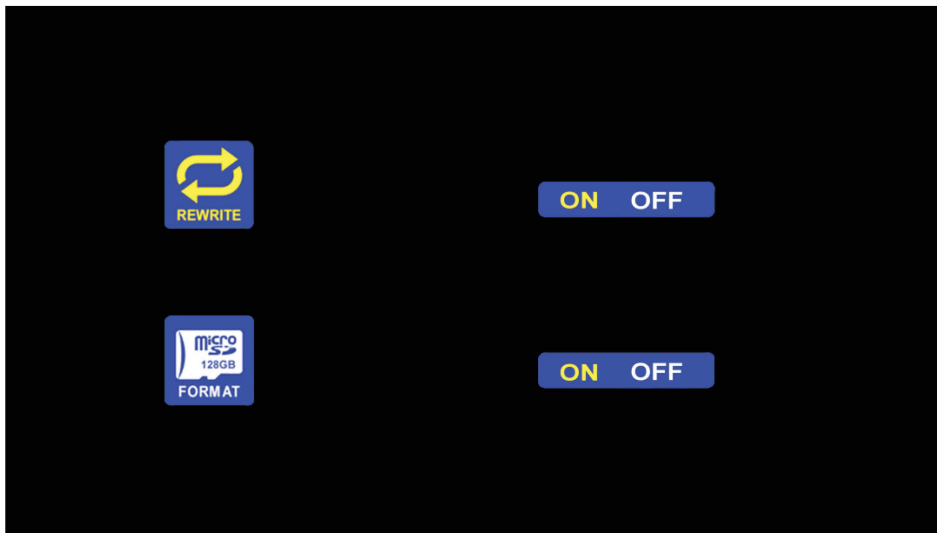
⌘ Press **+** or **-** to select BRIGHTNESS / CONTRACT / HUE / VOLUME, and then press MODE to enter the setting accordingly. when the icon is red, press **+** or **-** on menu for selection decreasing or adding. Press MODE to exit the menu. At the submenu, press MENU return to main menu.

(3) Press **+** or **-** to select MIR-FLIP, and press MODE to select.



⌘ Press **+** or **-** to select NORMAL / MIRROR / MIR-FLIP / FLIP. Press MENU return to main menu

(4) Press **+** or **-** to select RECORD, Press MODE to enter

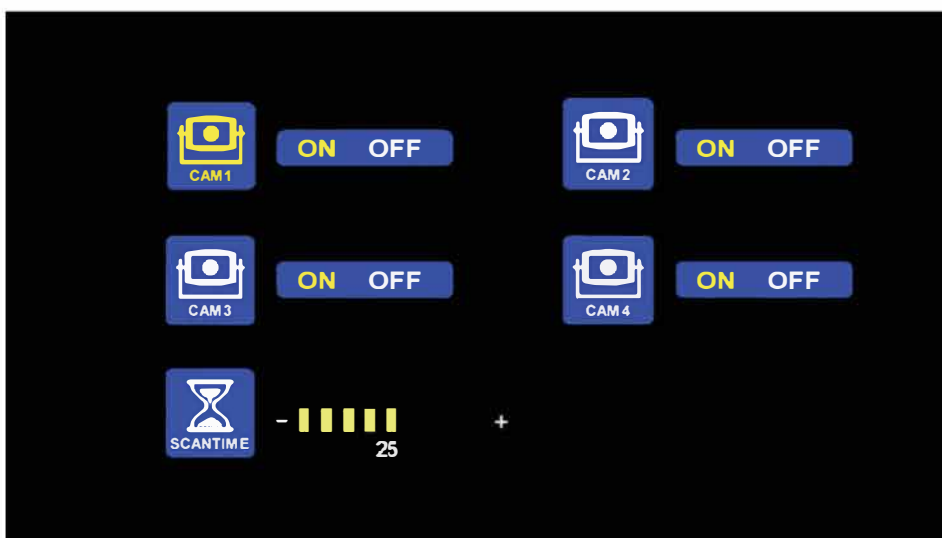


⌘ Press **+** or **-** to select REWRITE / FORMAT, and then press MODE to enter the setting accordingly. When the icons turn red, press **+** or **-** on menu for selection decreasing or adding. Press MODE to exit the menu. At the submenu, press MENU return to main menu.

⌘ REWRITE: When disk is full, the monitor will delete the earliest manual/timing record file one by one, and keep recording.

⌘ FORMAT : Micro SD card must be formatted before being used. All documents in TF card will be lost once users format the disk.

(5) Press **+** or **-** to select AUTOSCAN, Press MODE to enter.

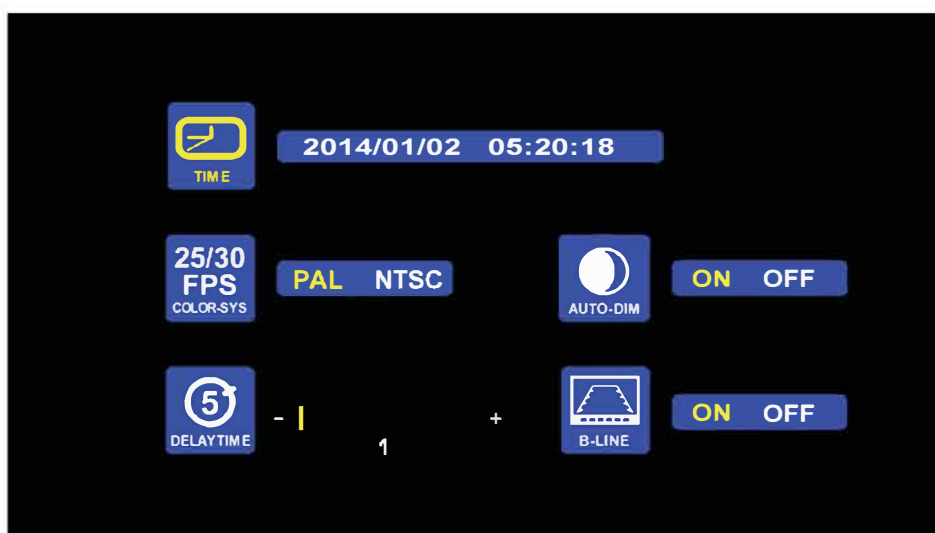


Press **+** or **-** to select CAM1/CAM2/CAM3/CAM4/SCANTIME, and then press MODE to enter the setting accordingly. When the icons turned, press **+** or **-** on menu for selection decreasing or adding. Press MODE to exit the menu. At the submenu, press MENU return to main menu.

⌘ If the channel is turned OFF, image of the corresponding camera will not be shown in AUTOSCAN display mode.

⌘ Setting scale of SCANTIME is 5-45S, with the step time of 5s.

(6) Press **+** or **-** to select SYSTEM, Press MODE to enter.





⌘ TIME : Press **+** or **-** to select TIME, Press MODE to set. Press **+** or **-** for selection decreasing or adding. Press MODE to continue the setting when finishing the previous operation.

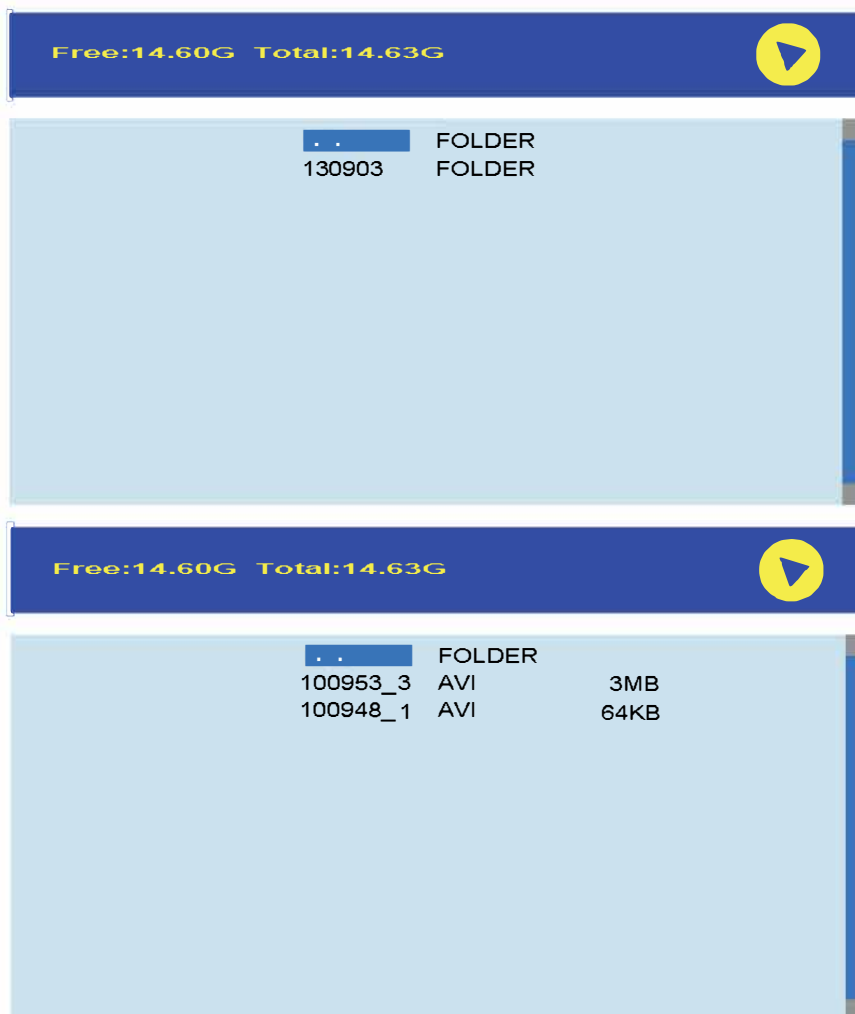
⌘ COLOR-SYS: Press **+** or **-** to select COLOR-SYS, Press MODE to enter, Press **+** or **-** to select NTSC/PAL.

⌘ AUTO-DIM: Press **+** or **-** to select AUTO-DIM. Press MODE to enter, and then press **+** or **-** to select ON/OFF. When it is on, the monitor will automatically turn darker when it is placed in dark environment for 5s.

⌘ ELETRONIC DISTANCE LABEL: Press **+** or **-** to select ELETRONIC DISTANCE LABEL. Press MODE to enter, and press **+** or **-** to select ON/OFF, to open or close the electronic distance label. When it is on, the electronic distance label will be displayed in Back channel.



⌘ setting scale of A M i s with the step time of s.

(7) Press  or  to select PLAY, Press MODE enter.



⌘ Press  or  to select recording file, Press MODE to enter playback mode.

⌘ Daily recording file can be searched under file folder named in format of YYMMDD. Each file folder includes the video files which are named in format of HHMMSS_Channel Source(1,2,3,4). For example, 130903 stands for year 2013, September 3rd. 100953_3 stands for 10:09:53 am, Cam3. The recording file format is AVI , maximum recording time for every single file will last for 10 minutes.

(8) Press  or  to select PAIRING, then press MODE to enter. Or Press MODE for 3 seconds to enter PAIRING.



⌘ Auto pairing:

1. Choose the channel that needs to be set up, and the monitor display the message “PAIRING START 50” and a counter that counts down 50s.
2. Within the countdown, power the camera.
3. The monitor and cameras will synchronize themselves with each other after the camera is powered for 5s.
For successful auto pairing, the picture appears. If pairing is unsuccessful, the monitor displays the message “No Signal”. Repeat the pairing procedure.

⌘ Manually pairing:

1. Choose the channel that needs to be set up, and the monitor display the message “PAIRING START 50” and a counter that counts down 50s.
2. Press the pairing button on the power-on camera.
3. The monitor and cameras will synchronize themselves with each other.
For successful auto pairing, the picture appears. If pairing is unsuccessful, the monitor displays the message “No Signal”. Repeat the pairing procedure.

5. Recording Time

For the recording time of TF cards with different capacities, please refer to the table below. The actual recording time is subject to the operating environment.

TF MODE	8G	16G	32G	64G	128G
SINGLE (640x480x1)	14h	28h	55h	110h	220h
QUAD (320x240x4)	11h	22h	43h	86h	172h
SPLIT (400x480x2)	13h	25h	50h	101h	201h

Symptoms	Possible Causes/Solutions
No picture, no sound	Improper connection of automobile adapter. Use of un-authorized power supply. Power switch is on OFF position.
No signal	Check whether the camera has power supply. Pair the monitor and the camera again.
No sound	Check whether the sound volume is turned off or set too low.
Dark picture	Check whether brightness and contrast are adjusted correctly.
No color	Adjust the HUE settings.

FCC Warning

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

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 and your body.