

7.PRODUCT MAINTENANCE

1. Please don't install the products in damp place
2. Do not use the hard object percussion or friction products, so as not to cause product failure or damage.
3. Clean the unit with a slightly damp soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzene as they might damage the finish of the unit.
4. If don't use the monitor please unplug or turn off the power

Notice:

Please obey the local laws to install the product at a right position. Our company is not responsibility for the law issue caused by the illegal installing

USER MANUAL



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

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1. NOTICE

For your safety, Do not watch the video or control the monitor when you are driving. Do not dismantle the product without professionals. You can consult after service or send to service dept if your product was broken.

Warning: Please install this product in a legal place. Our company does not charge for illegal installation.

Attention: When the weather was cold, the monitor may be dark when starting up, but it will be warming up later, then the monitor will get right.

2. PRODUCT FUNCTION AND APPLICATION

2.1 Product function

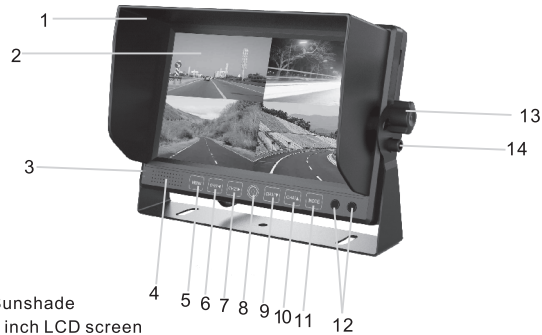
- 7" Digital LCD panel, 16:9 display
- Resolution: 800*R.G.B*480
- Panel key: touch button
- Remote control
- System language: English, Simplified Chinese, Traditional Chinese
- System resource: 4 ways real time record
- Video standard: PAL & NTSC
- Image compression: MOTION JPEG
- Video compression: AD PCM
- AV format: AV record the real time
- Video record: Automatic
- Searching by: file name, time
- Video input: 4 channel with 4 pin connector or RCA connector (optional)
- Audio input: 1 channel with 4 pin connector or RCA connector
- Display: Single, Quad picture
- DVR image: 640*480
- Recording Speed: 30 FPS
- Video Save: SD card support 32G
- Local playback: support
- Trigger input: 4 triggers
- one battery built in PCB board
- Power supply: DC-12V -24V
- Working temperature: 0°C~60°C
- Bracket: U shape iron bracket or Stand bracket
- Sunshade
- Storage temperature: -10°C~70°C
- Dimension: 180mm*121mm*24mm
- Weight: 0.63KGS

2.2 Product Application

This product adopts digital TFT panel display real-time monitoring of high definition, the SD card storage medium. The monitor built in DVR single image recording or quad image recording function. Support one audio recording, with speaker and remote control. easy to be installed in different kinds of vehicles. With low radiation, low consumption, beautiful and vivid image, nice panel, adjustable pole distance etc features.

3. PRODUCT INTRODUCTION

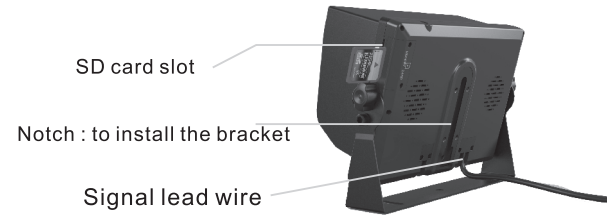
3.1 Front panel introduction



1. Sunshade
2. 7 inch LCD screen
3. DVR indicator light: Blue is power on, flash red is recording
4. Loud speaker
5. Menu key: pasue recording. return back in menu and playback status
6. CH1 Key: Enter CH-1 , select left in menu ,Select last song in playback
7. CH2 : Enter CH-2, select right in menu. Select next song in playback
8. POWER: when power on, recording /stop recording switch. Long press power key to three seconds can turn off monitor. Short press power key can turn on monitor. To choose play /pause in menu status. Long press power key to ten seconds can reset system
9. CH3: Enter CH3, Select down direction in menu status. It's volume decrease in playback status
10. CH4: Enter CH4, select up direction in menu status. It's Volume increase in playback status
11. Mode: quad images button To choose the volume decrease/ play /pause in playback status
12. Remote window
13. Plastic screw
14. screw

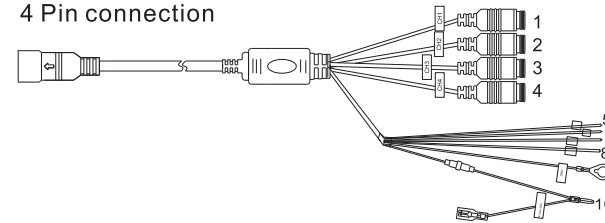
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3.2 Backboard function



3.3 Connection

4 Pin connection

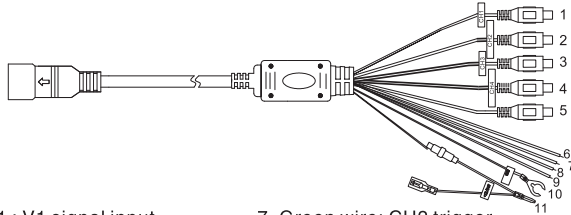


1. CH1 : V1 signal input
2. CH2: V2 signal input
3. CH3: V3 signal input
4. CH4: V4 signal input
5. Brown wire: CH1 trigger
6. Green wire: CH2 trigger

7. Blue wire: CH3 trigger
8. Grey wire: CH4 trigger
9. Black wire: ground
10. Red: DC 12V /24V power supply

RCA connection

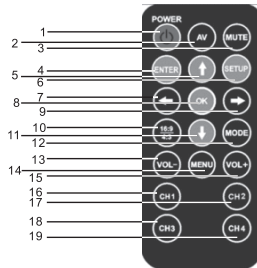
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- | | |
|----------------------------|-----------------------------------|
| 1. CH1 : V1 signal input | 7. Green wire: CH2 trigger |
| 2. CH2: V2 signal input | 8. Blue wire: CH3 trigger |
| 3. CH3: V3 signal input | 9. Grey wire: CH4 trigger |
| 4. CH4: V4 signal input | 10. Black wire: ground |
| 5. Audio in | 11. Red: DC 12V /24V power supply |
| 6. Brown wire: CH1 trigger | |

4. REMOTE CONTROL FUNCTION

1. Turn on/off power
2. Switch at CH1/CH2/CH3/CH4
3. MUTE: Sounds off
4. Enter: when DVR operating, switch at record & playback
5. UP: When DVR operating, select up
6. When DVR operating, can select menu set. To exit in menu status. Return video file list in playback.
7. Left direction key: select left .last song in playback status
8. OK key: recording / stop recording switch in recording status. Confirm in menu status. Play / pause in playback status
9. Right key: Select right in menu status. Next song in playback status
10. 16:9 / 4:3 key, Switch aspect ratio
11. Down direction key: Select down direction
12. MODE Key: Switch image effect mode
13. VOL - Key: decrease the sound, decrease analogy quantity
14. MENU key: To enter menu
15. VOL+ key: Increase the sound, increase analogy quantity
16. CH1 key: Enter CH1
17. CH2 key: Enter CH2
18. CH3 key: Enter CH3
19. CH4 key: Enter CH4



5. OPERATING INSTRUCTIONS




5.1 Main interface instructions







- (1) CH1/CH2/CH3/CH4 channel display
- (2) 2013-05-17 12:01:25 Real data and time display
- (3) REC instruction: recording when "REC" in red word . Recording stopped when "REC" in white word
- (4) A single video amplification

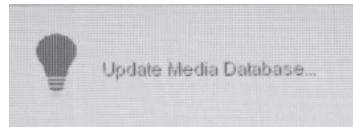


5.2 Menu operation

5.2.1 Press the “” key on remote control to set “**Contrast**” “**Brightness**” “**Saturation**” menu, then press “” and “” to set the parameter

5.2.2 Press the “” “” key on remote control to set the volume. Press the “” key on remote control to set mute

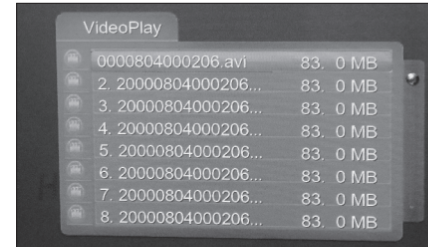
5.2.3 Setting :Press the “” key on remote control to enter the main menu, Before entering the main menu will have a wait-ing process, (see figure as follows)



(1) Video play: Enter videoplay menu(see figure as follows), select the video and play video by remote controller to playback



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(2) Time Setting: Enter the menu of Time setting (see figure as follows). user can set the date and time then save the setting.



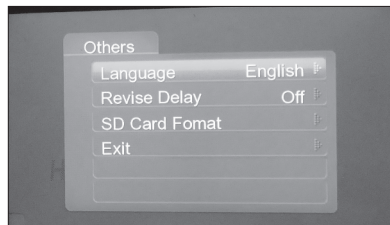
(3) Camera: Enter the menu of the camera set (see figure as follows), to select the target channel (current view or all channels). (Notice: change the set of the recording channel will occupy memory large space; the system will be reset after exit the camera set.

Recording Time min(s): Enter the menu of REC Time min(s); select the recording time from 3 minutes to 10 minutes to set for every recording video.

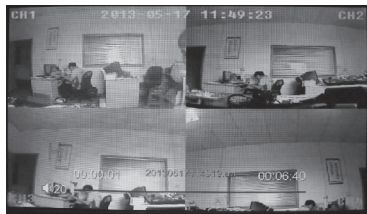
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(4) Others: Enter the menu of the others (see figure as follows), select the language “English” “Simplify Chinese” “Traditional Chinese” to set your desire.
 Revise delay: Enter the menu of the revise delay, select the revise delay “off” “2 Second” “3 Second” to set your desire



5.3 Playback interface



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Enter the main menu ,to select your desire video to play in video play list.

- (1) CH1/CH2/CH3/CH4 channel
- (2) 2013-05-17 11:49:23 REC real time and date
- (3) 00:00:01 The current video file playback time display
- (4) 20130517114919.avi Playback file name
- (5) 00:06:40 The total time of current playback of video files
- (6) 20 System volume display

The user can do some setting such as play/ puause, last song, the next song and return etc operation on panel keys or remote controller.
 Operation details please above Product description

6. ACCESSORIES

1.cable*1 PCS	2.remote controller*1 PCS
3.hex wrench,manual*1 PCS	4 PIN TO RCA ADAPTOR(optional)*1 PCS

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