

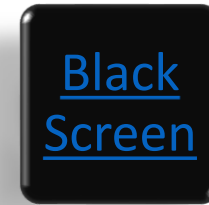
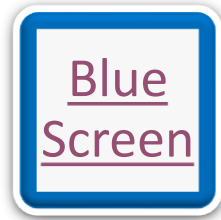
## Common Problems

- NO PICTURE
- NO LIGHTS
- SONDE
- NO POWER
- RECORDING
- WiFi

NOTE: Anytime the Picture, Lights or Sonde work intermittently by bending the spring. It needs to be sent in for repair

NOTE: Anytime the Picture, Lights or Sonde work intermittently by bending the spring. It needs to be sent in for repair

NO PICTURE



- BLUE SCREEN / NO SIGNAL



1) Is there a picture after  
changing channels?  
[V1/V2 button]

NO

2). Check the DVR connections



Back

# BLACK SCREEN



Does the screen have Date/Time

YES

NO

Check the AVIN connection on the DVR. Is it seated good?

YES

NO

Re-seat and check for a picture. Still no picture?

The camera needs to be sent in for repair

Either the monitor is unplugged under the control panel or needs replacing. (the monitor harness could also be the problem)



Back

NO LED LIGHTS

Do the LED lights on the camera head work *intermittently* when adjusting the knob on the control panel?

YES

NO

Ensure that the potentiometer under control panel is not separating by checking the metal tabs. If they are secure. The Potentiometer needs replacing

Ensure that the potentiometer wires are secured under control panel. If not. The Camera needs to be sent in for repair

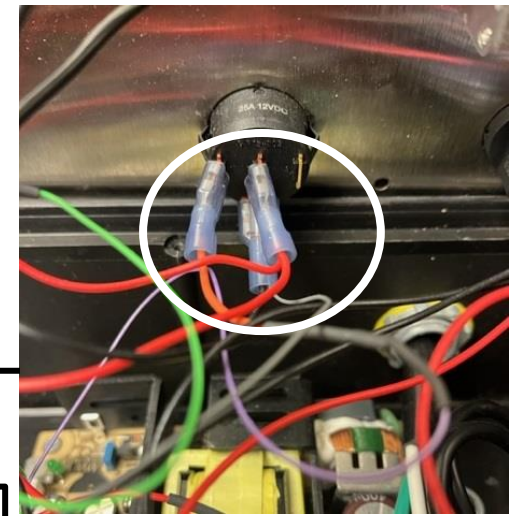
NOTE: The potentiometer can be replaced by the customer if they can do some minor soldering



Back

NOTE: the sonde usually distorts the picture when working, but not in every case

# SONDE ISSUES



Does the sonde work *intermittently*?

YES

NO

When bending the spring

Are the connections to the Sonde Switch under the panel plugged in? If not, plug them in and check sonde again

Do the Red & Green lights work on the switch? If not, this *could* mean the switch is faulty. (but not always )

The camera needs to be sent in for repair



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# POWER ISSUES

- PLUG-IN UNITS



- BATTERY UNIT



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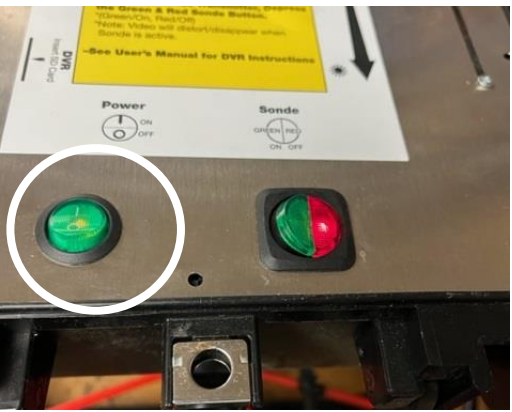
Does the power cord have a GFCI?

YES

Press the RESET button.  
Does the power come on?

NO

Do the power switch lights  
work?



NO

Is the power switch is  
plugged in under  
the control panel?



YES

The transformer  
could be bad

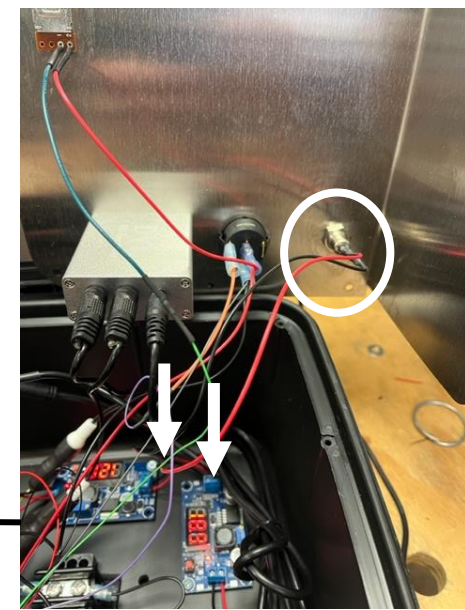
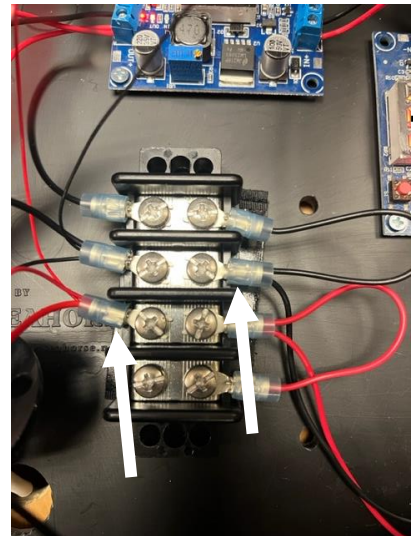
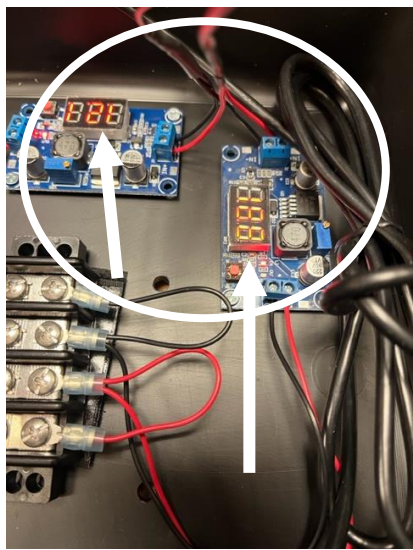
The power switch  
could be bad

The camera needs to be sent in  
for repair



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NO Power when the Adapter is plugged in

Under the control Panel, are the Digital Displays working on the Voltage Regulators?

YES

NO

Are all of the wires going **OUT** of the VR's connected to the Terminal Bar

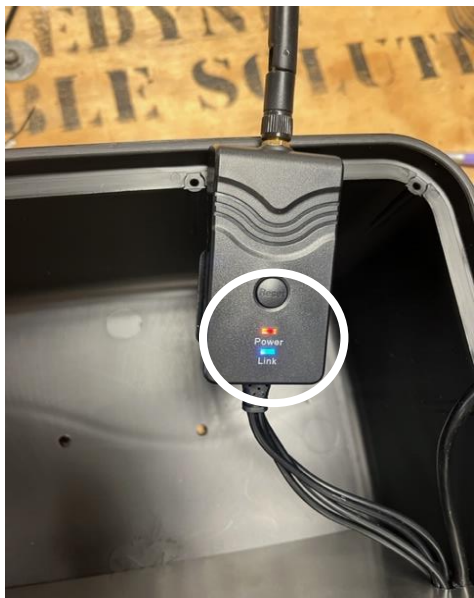
Check that the wires going **IN** the Voltage Regulators are connected. If so, the VR's need replacing

YES

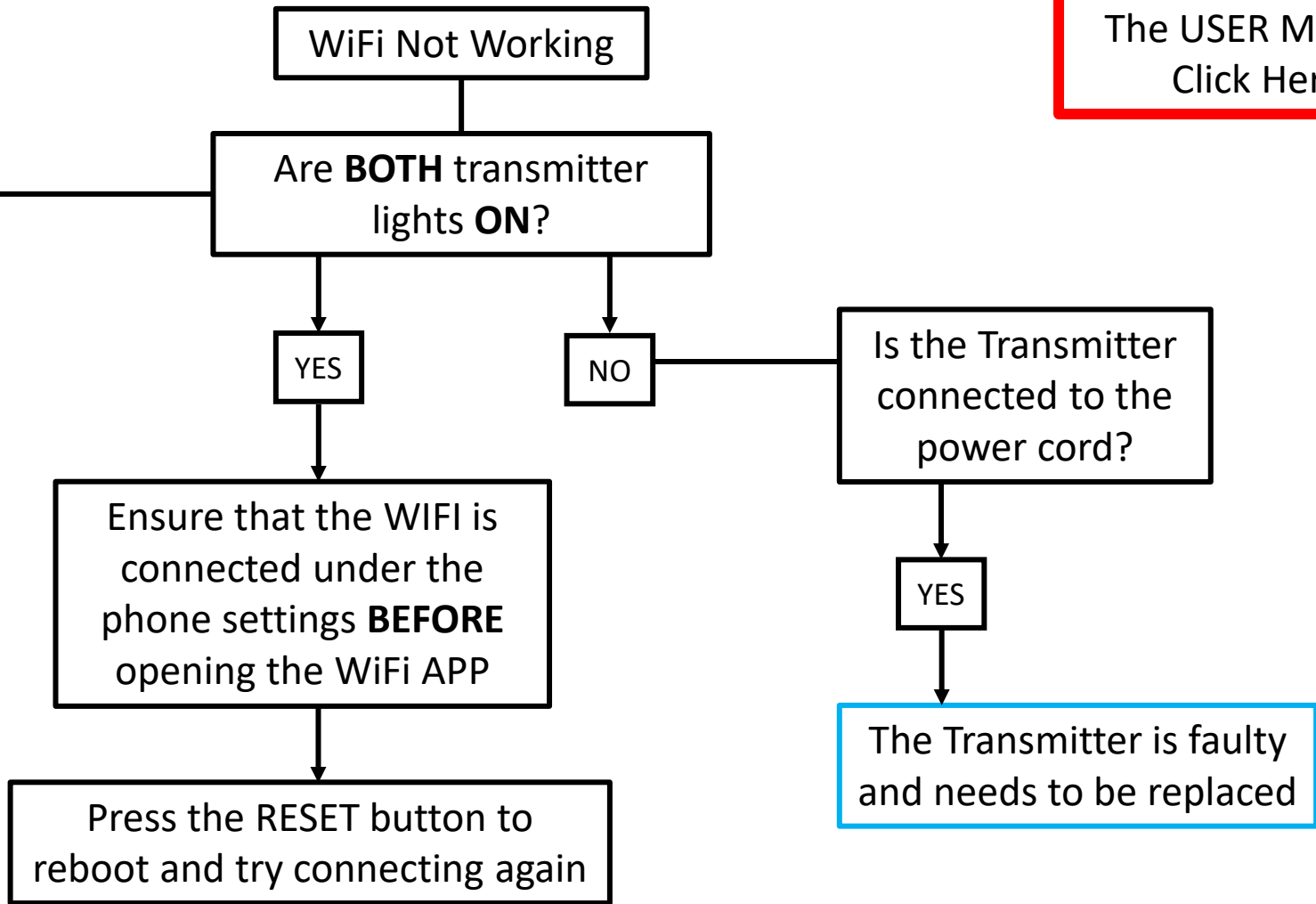
The camera needs to be sent in for repair



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The USER Manual  
Click Here



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DVR RECORDING ISSUES

DVR USER Manuals  
Click Here

Is the SD Card Formatted?

YES

NO. Format SD and try again

1).Ensure the SD is NOT locked (on the side)  
2).Ensure the SD is not too large in their Gig's.  
Older DVR's: 32G max  
Newer DVR's: 512G max

Is the REMOTE working correctly?  
(Batteries, Pointing it at the IR receiver)

Does the RED record light on the front of the DVR flash when trying to record?

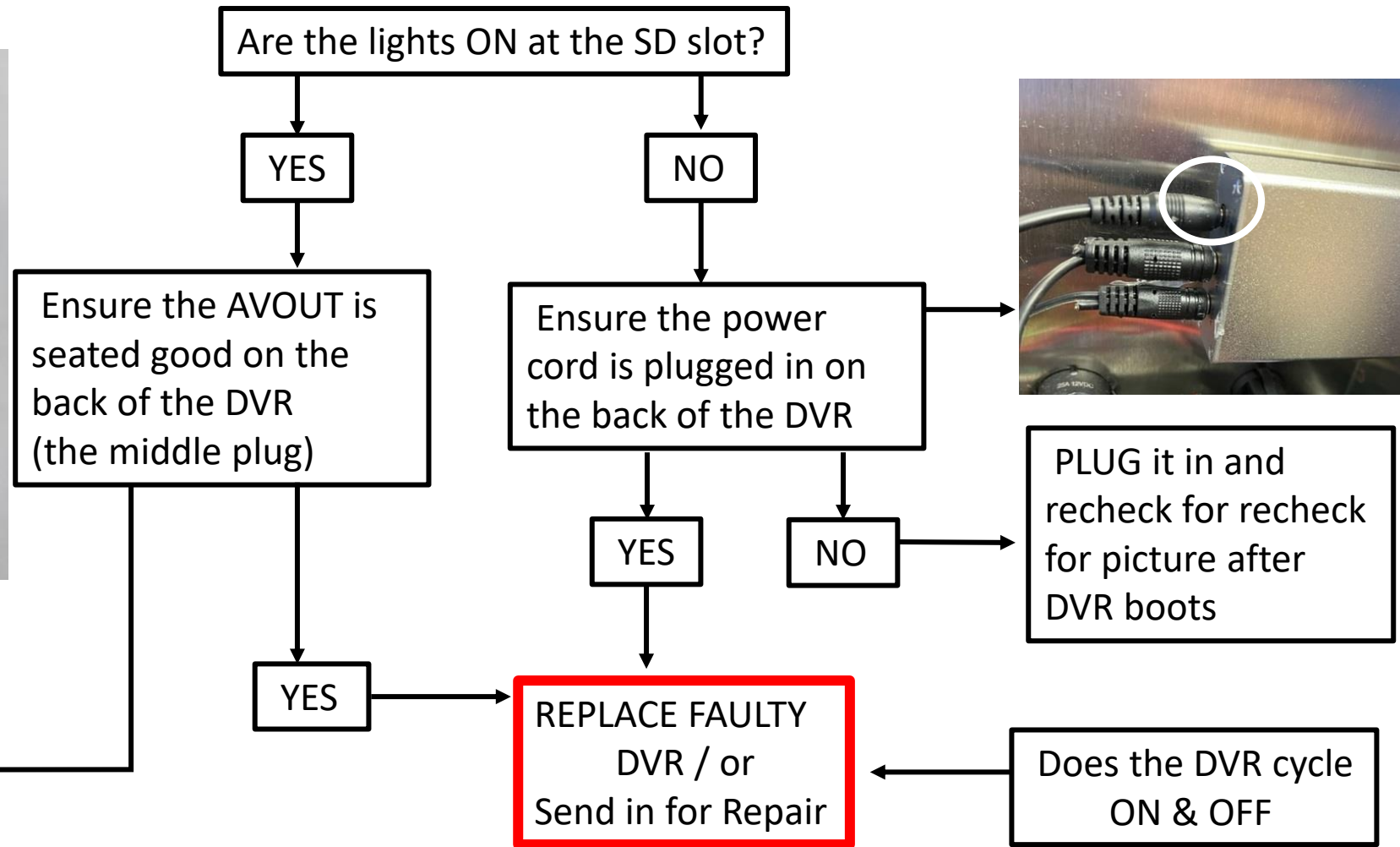
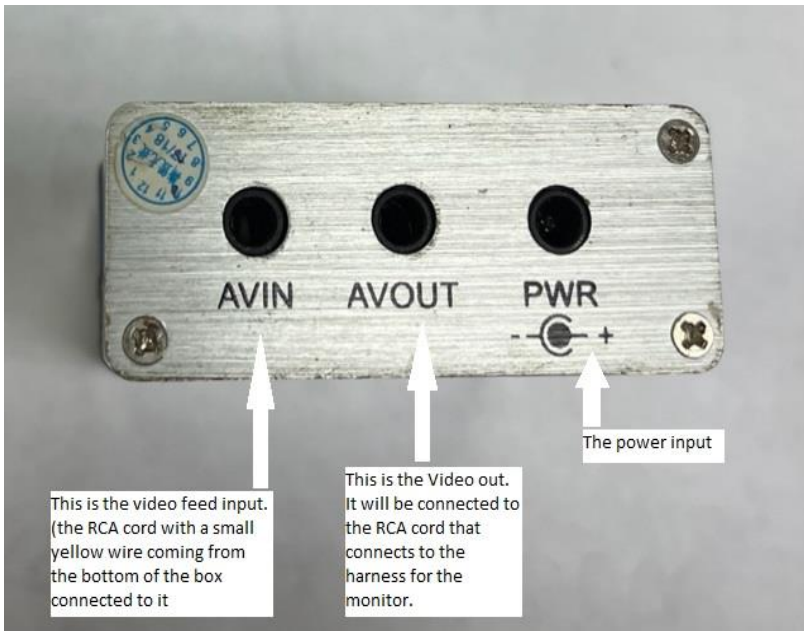
NO

DVR needs replacing OR send in for repair



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# DVR Connections



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# New DVR



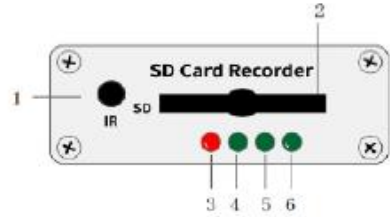
## Features

This product uses the most advanced image processing technology to make the output image quality lossless, whether it is in the preview is almost equal to the original image quality when the video is played back, which solves the problem that many users use analog cameras as in-the image quality is seriously degraded after DVR processing. At the same time, we use H265+MP4 video technology to make video files are smaller in size and have a wider application range, and video files can be played back on various multimedia devices.

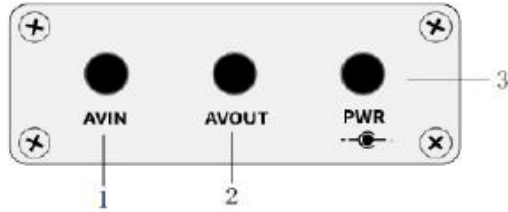
## Product Features

- Support NTSC PAL camera
- Support H264 H265 image compression technology
- Support up to 512G SD card
- Support snap during video recording
- Support SD card upgrade firmware
- Support remote control operation
- Multi-language support Chinese, English, German, Spanish, Polish, French
- Support MP4 video file format
- Support power failure protection function

## Panel details



- 1 Infrared receiver
- 2 SD card slot
- 3 REC light
- 4 Video playback indicator
- 5 SD card indicator
- 6 charging indicator



- 1 Audio and video input
- 2 Audio and video output
- 3 Power input 9-30V

## Dimensions



## button Operation Introduction

- REC
- SNAP
- Up buttons
- down buttons
- right buttons
- Left buttons
- OK
- ESC
- DEL
- STOP
- MENU
- PLAY

- Video button
- Take a picture button
- Up buttons
- down buttons
- right buttons
- Left buttons
- Confirm button
- return key
- Delete key
- Stop button
- Menu button
- Play button

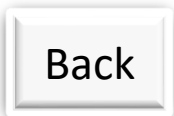
! For the first use, please format the SD card (FAT32)

## remote control



## Tips:

- PLAY** In the process of equipment recording, or in the real-time picture state, press the PLAY button Can directly enter the playback file
- Left/Right** During video playback, press the left and right buttons to fast forward and rewind
- Up/Down** During the playback of the video, press the up and down keys to automatically jump to the next video Or the previous video, which is convenient and quick.





## Software icon description

### Menu Image Interface

current time



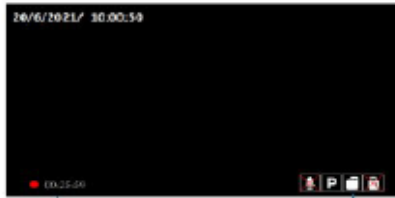
-  Audio icon
-  N(NTSC) P (PAL)
-  SD card display icon
-  U disk display icon



This icon indicates failure



1. Recording time period This icon represents the SD card has been read. Please format the SD card for the first use. Format into FAT32 format.
2. When the device reads the SD card, the bottom right corner of the screen disappears, if it does not disappear, the reading fails. Need to format it again.



Recording time period This icon represents the SD card has been read

After the device reads the card, press the remote control   in the lower-left corner of the screen during recording  button

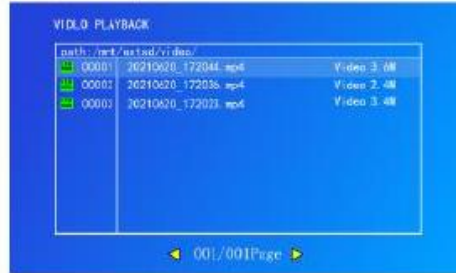
## Display screen



2. Click the OK button on the remote control enter the play folder



3. Click the OK button on the remote controller for video playback The list can be in accordance with the time period choose the video you want to play







4. Enter the current playback video







## We have added shortcut keys during video playback



### Preview image

1. Press  to record directly
2. Press the the  button to take a photo
3. Press the  key to enter directly  
Playback video interface  return

### In playback mode

1. Press  to play the previous video
2. Press  to play the next video
3. Press   to fast forward and rewind



Back

Next

### Picture playback

1. Press **SNAP**  to take a photo



The file will be stored on an SD card inside the picture

2. Press the remote **MENU** button Enter the menu Select picture playback





3. Press the remote **OK** button Enter the picture folder




### System settings




1. Press the remote **MENU** button Enter the menu


  key to select system settings

 key to enter



 Play settings

 Sound settings

 time setting

**language settings:** Include Chinese/English/German/Spain/Polish/French  
**Factory settings:** This option can be used to restore the factory default settings(operate with caution)  
**system version:** This setting is to view the system software version number

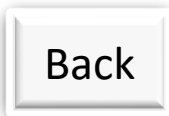
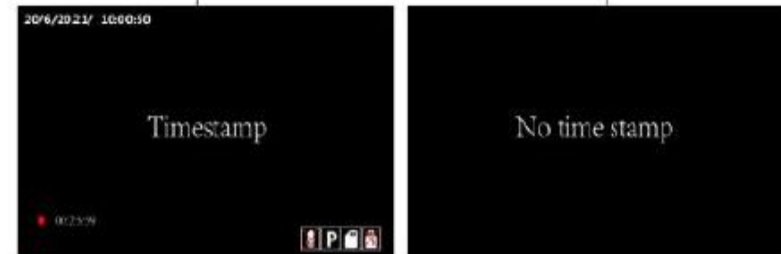
### OSD settings



**Preview:** In the real-time preview state watermark on the screen.  
**Replay:** Refers to the playback of video or pictures watermark.  
**video:** Video file watermark off  
**picture:** Picture file watermark off



With and without timestamp





## Save settings/format

**Storage settings:** you can view storage usage Capacity and remaining capacity.



If the device cannot be displayed Storage status, Available through this function Format the storage device.



## Fault judgment Can't read the card and can't record video?

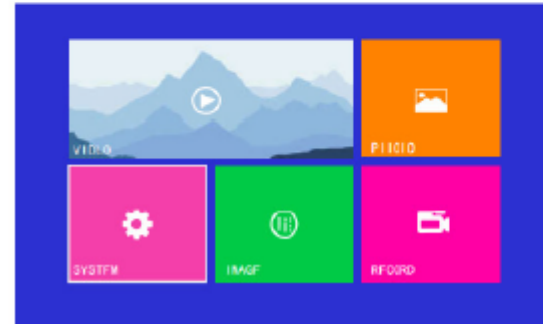
1. Please use a genuine card.
2. If the card is not read, enter "Save Settings" to format
3. For SD cards that have not been used for a long time, please clean the pins of the SD card before inserting it into the device.
4. The card is not read, please restart the device.

## Fault judgment Can't read the card and can't record video?

1. Please use a genuine card.
2. If the card is not read, enter "Save Settings" to format
3. For SD cards that have not been used for a long time, please clean the pins of the SD card before inserting it into the device.
4. The card is not read, please restart the device.

## Image settings

Image setting: through color contrast Brightness adjusts image parameters in real-time.



**Mirror settings:**



After entering the image settings the remote control key   to select enable or disable, then press  key can be automatically saved.

**Chrome:** refers to adjusting the brightness of the screen on the screen to high or low

**Color saturation:** refers to adjusting the color of the screen picture too dark or light

**Contrast:** A measure of comparison between the bright and dark parts of the same picture. The contrast is large, and the picture is very bright in black and white.




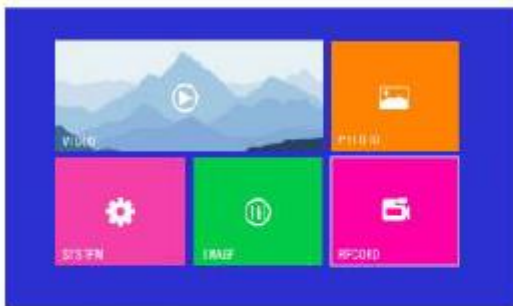
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
## Video settings

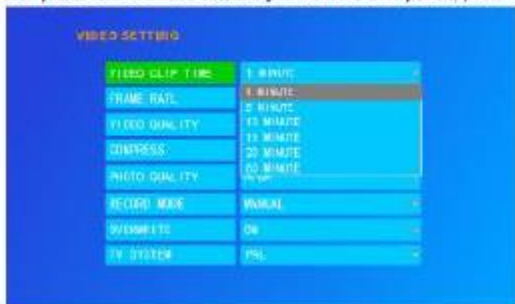
Recording time segment setting

Remote control  key to enter the menu select "Video Settings" enter  button to enter.



**Video packaging time:** Press  to pop up the options bar,

then press   to select if you want the time period, press  to confirm and save.





**Video packaging time:** After this function option bar is expanded, 1/5/10/15/30/60 minutes and other time periods, After the settings are saved, the device packs the video files according to this time period, For example: set to 1 minute, then the device will save the video as a video file per 1 minute when recording

## Video frame rate

**Video frame rate:** low frame rate video, the advantage of saving storage space, if not necessary, you can press the default setting.

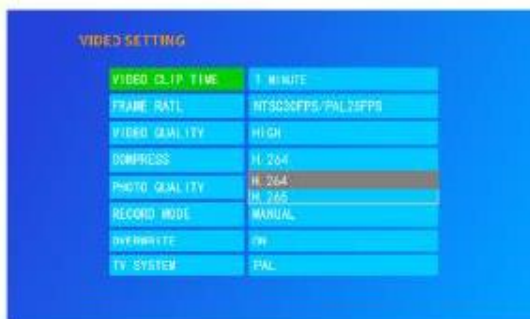


**Video frame rate:** Press  to pop up the options bar, then

press   to select if you want the time period, press  to confirm and save.



**Video quality:** High/medium/low, three modes



methods

**Video compression method:** H. 264/H. 265 two compression

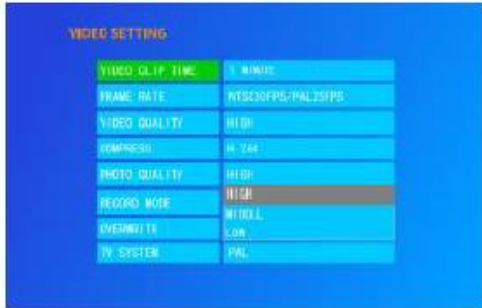


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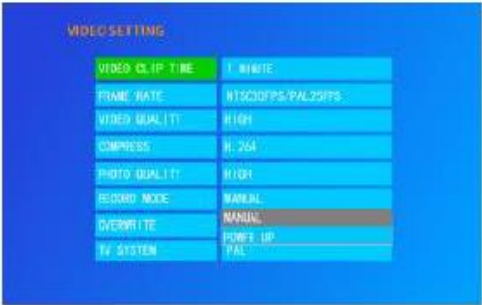
## Picture quality

High/medium/low, three modes, the higher the picture quality, the clearer the picture.  
Picture quality: High/medium/low, three modes



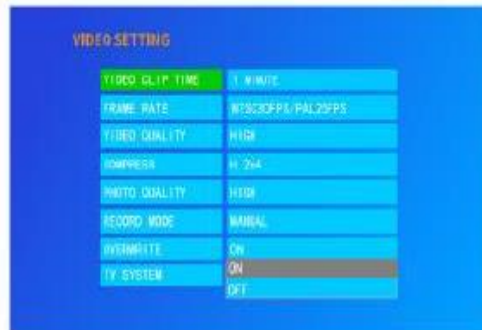
## Video settings

Video mode: Manual recording/automatic recording: Set up manual recording Need to use buttons, etc. Power-on video: when the device is turned on Automatically record



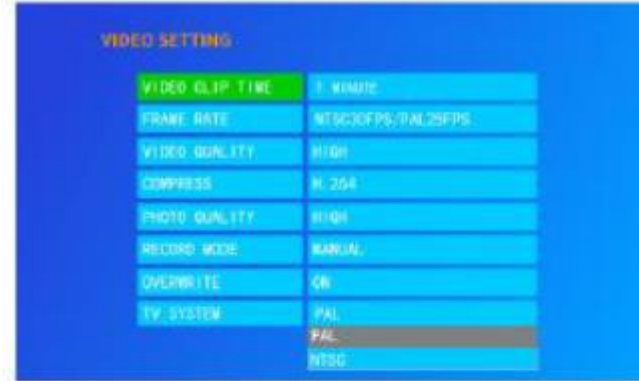
## Loop recording settings

Video coverage: refers to the automatic Loop, if closed, after the device is full automatically stops, it is recommended to turn on (default is on status)



## Video format

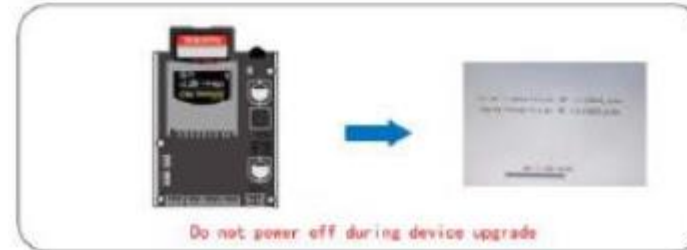
System video format: Please make sure the system video format with the input camera Keep the video format consistent Otherwise, the image will be abnormal no image.



first step



Second step



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## Parameters meters Table

System language	Include Chinese/English/German/Spain/Polish/French
AV input	CVBS NTSC PAL
data storage	SD card (support up to 512G)
voltage range	Input 9-30V
Compression format	H.264/H.265
Video mode	automatic/manual
Video standard	CVBS
Video format	MP4
Playback software	VLC media pLayer/WINAMP
Operating temperature	-30°~+70°
size	5cm*6.7cm*3(cm)
weight	Net weight 75 grams
Control Method	Remote control/button/serial port
Snap an image	Support to capture pictures during recording
Watermark	Support watermark off
Power protection	Support overload, short circuit, and reverse connection
reset	support
Automatic coverage	Optional whether to be overwritten
Power consumption	1.3W
Power failure protection	Support abnormal power failure protection
Mirror settings	Support mirror setting
Image adjustment	Support image adjustment
Fastforwardandrewind	support
Play video jump	Press the up and down keys to jump to the next video
USB read	Connect to a computer to read SD card data
U disk storage	To be developed

## problem analysis

### 1. Cannot record after inserting the card

1. Check if the SD card indicator light is on On: Press the remote control record button to still not start recording, please check whether the storage space of the SD card has been used up, if it has been used up, please empty it card, if it still fails to record, please check whether the SD card is genuine or the SD card is damaged. No light: Please format the SD card into FAT32 file system format and insert it into the machine. If the problem is still not solved, please check whether the SD card is a genuine card or is damaged.

### 2. The remote control cannot be operated

Check whether the battery in the remote control is charged. If not, replace the battery with the same model.

### 3. Can't see the camera image

1. Please check whether there is any problem with the signal connection between the camera and the DVR, and check whether the power supply of the camera is normal.

2. Check whether the camera format is consistent with the DVR system format, if not, please modify the DVR system format to make it consistent. (Please refer to 5.6 system video format for modification method)

### 4. No video output

1. Please check if the signal connection between the DVR and the monitor is normal.

2. Please check whether the power supply of the monitor and DVR is normal.

3. DVR output is CVBS video signal, check whether the monitor supports it.

4. Check whether the video input channel of the monitor is the channel currently connected to the DVR.

### 5. Preview screen freezes

1. Please re-set the DVR system format to be consistent with the camera, and restart the DVR after setting.



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### Attention!

1. Don't take SD card out when DVR is working
2. Use original power cable and AV cables
3. Format SD card by DVR system on your first use
4. Install the unit in dry and ventilatory environment
5. Use genuine SD card
6. Warranty and free maintenance will be invalidated if you disassemble the unit

### Description

Welcome to use our product!  
This DVR unit is designed for in-vehicle security surveillance, with IR remote to control the unit; SD CARD for data storage is shockproof on vehicles and enables easy playback.

### Accessories



Remote control



Power cable



AV cable



Power adapter



Manual

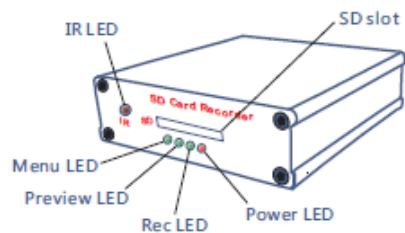


# Old DVR

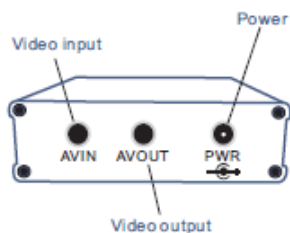
## Manual

### 1. Introduction

#### 1.1 DVR



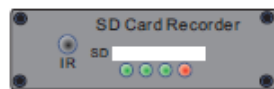
#### 1.2 DVR slot



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## Manual

### 1.3 Panel



IR	IR led for remote control
SD	SD card slot, 32GB max.
1st Green Led(from left)	menu led, constant on when in menu mode; blinks when in playback mode
2nd Green Led	review led, constant on when in review mode; blinks when reading SD card
3rd Green Led	record led, blinks when recording
4th Green Led	powered led, blinks when working



AVIN	video input
AVOUT	video output
PWR	power plug-in(5-30V)

### 2. IR remote control

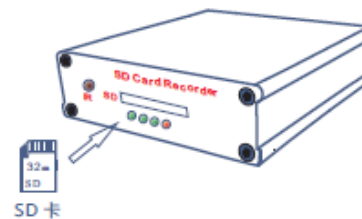


Buttons	Functions
▲	Up/volume up(during playback)
▼	Down/volume down(during playback)
◀	Left/fast backward(during playback)
▶	Right/fast forward(during playback)
OK	Set/record(during playback)
MENU	Menu
PP	Play/pause/delete files
STOP	Stop
ESC	Return to last menu/playback

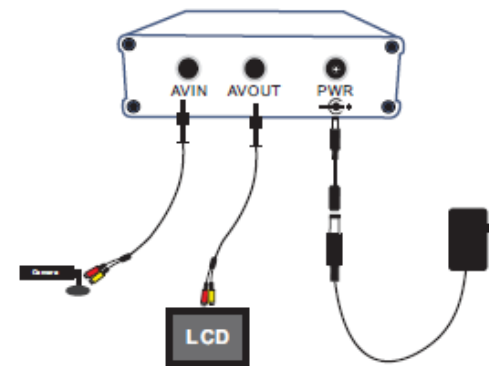
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## Manual

### 3. Insert the SD card



### 4. AV cables, power cable connection



Note: please connect all cables correctly, in case of system failure.

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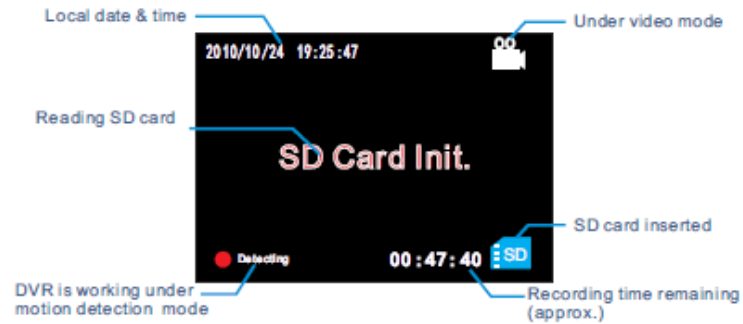
# Old DVR

## Manual

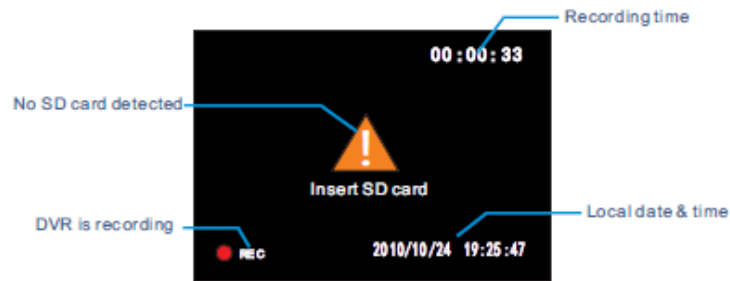
### 5. Screen icons instruction

#### 5.1 Standby mode

\*The following pictures are for references only



#### 5.2 Recording mode



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## Manual

### 6. Set up

\* You need to connect the DVR with TV or monitor before set-up

#### 6.1 Operating DVR with IR remote control



Buttons	Functions
▲	Up/volume up(during playback)
▼	Down/volume down(during playback)
◀	Left/fast backward(during playback)
▶	Right/fast forward(during playback)
OK	Set/record(during playback)
MENU	Menu
P/P	Play/pause/delete files
STOP	Stop
ESC	Return to last menu/playback

#### Main operations:

Enter into system menu: press "MENU" on remote

Choose items to set up: press direction keys

Confirm your choice: press "OK"

Return to last menu: press "ESC"

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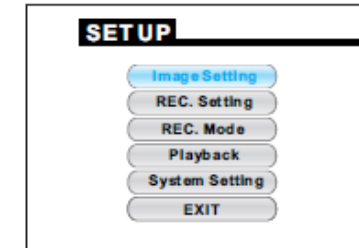
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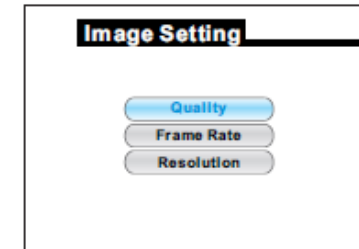
## Manual

### 6.2 Image setting

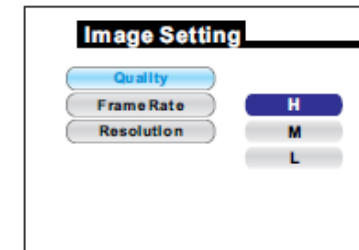
#### 6.2.1 Image quality



A. press "MENU" key to enter into system SET-UP.



B. press "OK" to set



H: best image quality

M: normal image quality

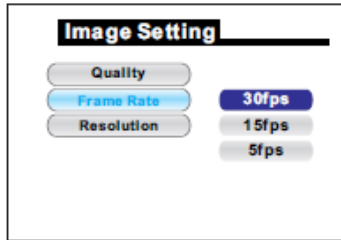
L: low image quality

\* the lower the image quality, the longer the recording time

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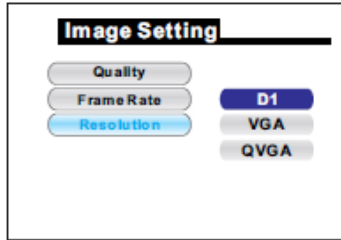


### 6.2.2 Video frame rate



30fps: smooth image  
 15fps: not so smooth image  
 5fps: jerky image  
 \*the lower the frame rate, the longer the recording time

### 6.2.3 Image resolution

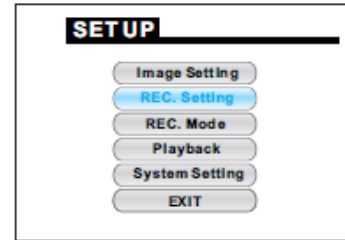


D1: 704X576  
 VGA: 640X576  
 QVGA: 320X288  
 \*the lower the resolution, the longer the recording time

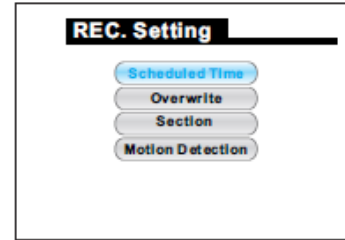
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### 6.3 Recording setting

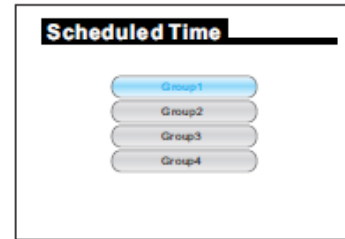
#### 6.3.1 Scheduled time



A. press "MENU" key to enter into system SET-UP.



B. system starts and stops recording automatically according to the scheduled time period



C. press "OK" for 4 groups  
 press UP/DOWN to choose  
 press "OK" to enter into each group

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#### \*Weekly



A. press LEFT/RIGHT to choose modes:  
 Weekly: auto record weekly  
 Once: auto record once  
 Off: switch off this group

B. e.g. to choose "Weekly" mode, press UP/DOWN, "Weekly" mode is confirmed when it's in blue; press "OK" to the next step, select Start Time & End Time



C. press UP/DOWN to change time; and RIGHT to move on and select days that is needed



D. e.g. to choose MON, press UP/DOWN to select/dis-select it;

refer to the picture on the left, MON-FRI are all selected

**Note:** purple font means selected, black font means dis-selected

E. press "OK" to finish weekly set-up, the 2 yellow triangle will go back onto "Weekly"(in blue)

F. press "ESC" to save and return to group list for other groups set-up

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### \*Once(Daily)

Weekly	▲ Once ▼	Off
Start Time	: 2011/01/01 07:00	
End Time	: 2011/01/01 13:00	

A. choose "Once", press UP/DOWN, "Once" mode is confirmed when it's in blue

B. press "OK" to move on, please refer to "Weekly" set-up

### \*Off

Weekly	Once	▲ Off ▼
--------	------	---------------

A. choose "off", press UP/DOWN, the group is switched off when it's in blue

B. press "ESC" to switch off this group

#### Note:

A. in each group, only one mode can be selected among "Weekly", "Once" and "Off";

B. if scheduled period in "Weekly" overlaps with those in "Once", system will auto choose to record under the longer period; the same method applies to overlaps in between different groups;

C. press UP/DOWN to select each mode in a group, blue font means mode selected;

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### 6.3.2 Overwrite

REC. Setting	
Scheduled Time	
Overwrite	Yes
Section	No
Motion Detection	

A. system will delete the first 300MB files once the SD card is full to save new files

### 6.3.3 Section recording time set up

REC. Setting	
Scheduled Time	1min
Overwrite	5min
Section	15min
Motion Detection	30min
	1hr

B. set up section recording time

\* only available under "Manual", "Scheduled" and "Power Up Rec." modes

\*2.5 min section recording time is fixed under "MotionDetection" mode

### 6.3.4 Motion detection

REC. Setting	
Scheduled Time	
Overwrite	
Section	
Motion Detection	

C. set motion detection details

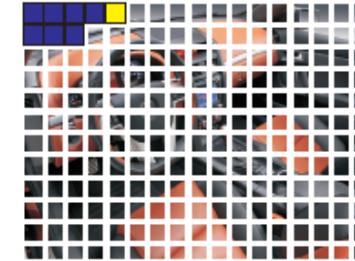
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### 6.3.4.1 Mask Area

Motion Detection	
Mask Area	
Sensitivity	
Speed	
Noise Margin	

A. enter into "Mask Area", the screen will be shown in grids as below:



B. press direction keys to move the cursor to choose the area needn't be detected

C. press "OK" to confirm blue grids area won't be motion-detected

D. all grids area that the camera covers are recorded in image

### 6.3.4.2 Sensitivity

Motion Detection	
Mask Area	
Sensitivity	H
Speed	M
Noise Margin	L

H: high level  
M: middle level  
L: low level

\* system will be triggered very easily if sensitivity is set under high level.

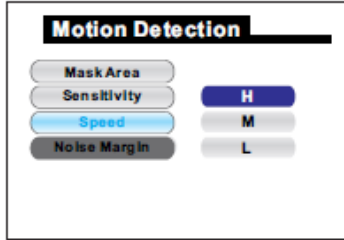
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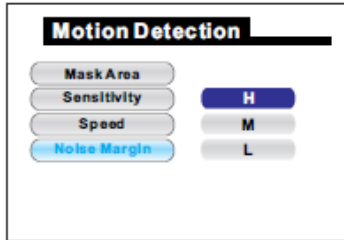
### 6.3.4.3 Speed



A. different speed levels to trigger system

\*system will be triggered very easily if speed is set in low level.

### 6.3.4.4 Noise Margin

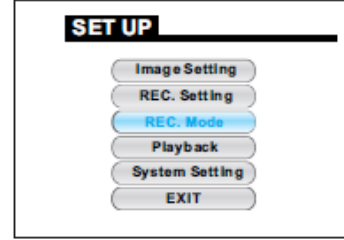


B. different noise levels to trigger system

\*system will be triggered very easily if noise is set in low level

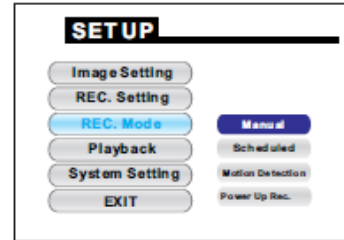
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### 6.4 Recording mode set up



set the recording mode for system

### 6.4.1 Recording modes



choose a mode first:

**Manual:**  
under this mode, press "OK" to start recording, and "STOP" to stop recording

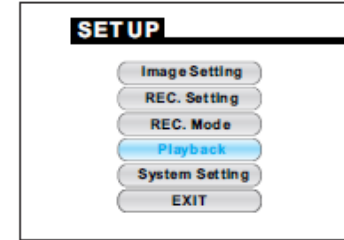
**Scheduled:**  
system starts and stops recording according to the scheduled period preset

**Motion Detection:**  
system starts recording automatically by detecting motions in the area preset;  
\*2.5min section recording time is fixed

**Power Up Rec.:**  
system starts to record as soon as the power is on

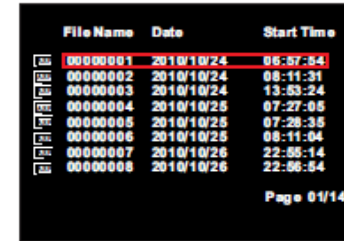
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### 6.5 Playback and delete video files



A. press "OK" to enter into file list

### 6.5.1 Under file list mode



**Delete:**

A. press UP/DOWN to choose the file(s) you want to delete

B. press "P/P" or "DEL." to delete

**Play:**

A. press UP/DOWN to choose and "OK" to open the file

B. press "P/P" to play

**Fast forward/backward:**

Press RIGHT/LEFT to fast forward/backward, one press increases play speed rate (can choose 2,4,8,16 rates).

**Volume up and down**

Press UP/DOWN to turn volume up/down. Highest volume level is 8.

**Pause:**

Press "P/P" to pause, press it again to start.

**Stop:**

Press "STOP" to stop playing.

**Exit playing mode:**

Press "ESC" to return to file list.

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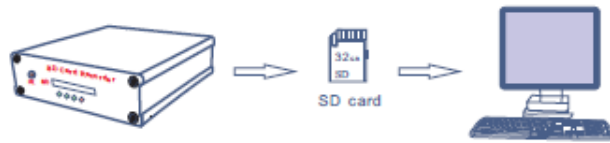


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### 6.5.2 Playback video files on computer

\*playback via Media Player

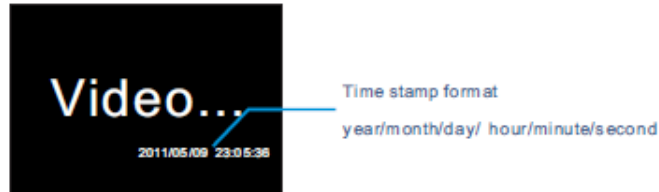


### 6.5.3 Icons instructions under playback mode

#### A. Playback on TV set or monitor

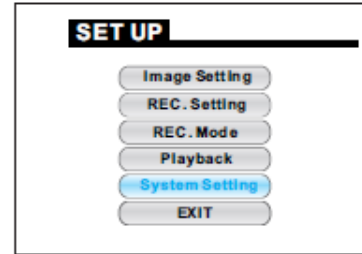


#### B. Playback on computer



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### 6.6 System Setting



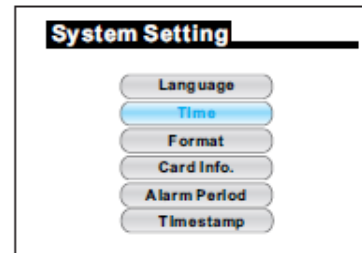
\*system set-up

#### 6.6.1 Language



\*choose your language

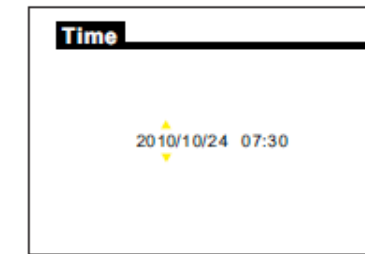
#### 6.6.2 Date and time



\*set local date & time

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#### 6.6.2.1 Date and time

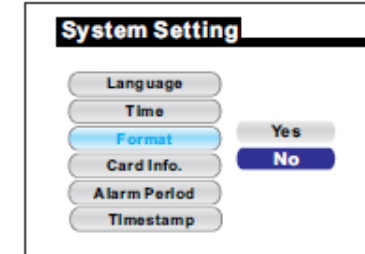


\*press LEFT/RIGHT to move the cursor

\*press UP/DOWN to adjust the values

\*press "OK" to save the setting

#### 6.6.3 Format

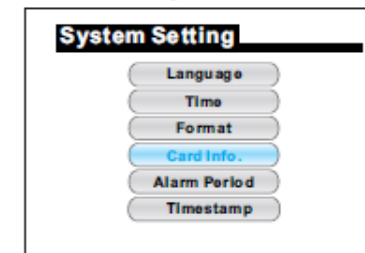


\*choose "Yes" to format SD card

**Attention!**

all files can not be restored after being formatted from SD card

#### 6.6.4 Memory card information



\*check SD memory capacity

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### 6.6.4 Memory card information

**Card Info**

**Total Size** : 30784MB

**Used Size** : 98.6%

**Remain Size** : 1.4%

\*check card memory

\*press "ESC" to exit

### 6.6.5 Alarm Period

**System Setting**

Language

Time Always OFF

Format 10Sec

Card Info. 20Sec

Alarm Period 30Sec

Timestamp

\* choose alarm ON/OFF, and length

\* system outputs a 12V voltage for external alarm devices when motion detection is triggered

### 6.6.6 Time Stamp

**System Setting**

Language

Time

Format

Card Info. YES

Alarm Period NO

Timestamp

\* choose Timestamp ON/OFF

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### 7. F.A.Q.

Q: DVR can not read SD card.

A: Please use 1GB to 32GB genuine SD card.

Q: No images on TV after turn on the DVR.

A: Please check the cable is correctly connected. Yellow connectors should connect with video input port on TV.

Q: No sounds when playing video.

A: Please check the cable is correctly connected. Red connector should connect with audio input port on TV.

B: The camera connected with DVR should be with audio feature.

Q: No recorded files in SD card after system records.

A: 1. Please check if the SD card works with DVR normally;  
2. Please use 1GB to 32GB genuine SD card.

Q: DVR system crashes when it is on.

A: 1. You can not take out or insert SD card when it is on;  
2. Please make sure it is a genuine SD card.

Q: DVR doesn't record video when motion detected.

A: 1. Please set "Recording mode" to "Motion Detection"  
2. Set "Sensitivity", "Speed" and "Noise Margin" according to the suggestions on page 13-14.

Q: Remote control is not working.

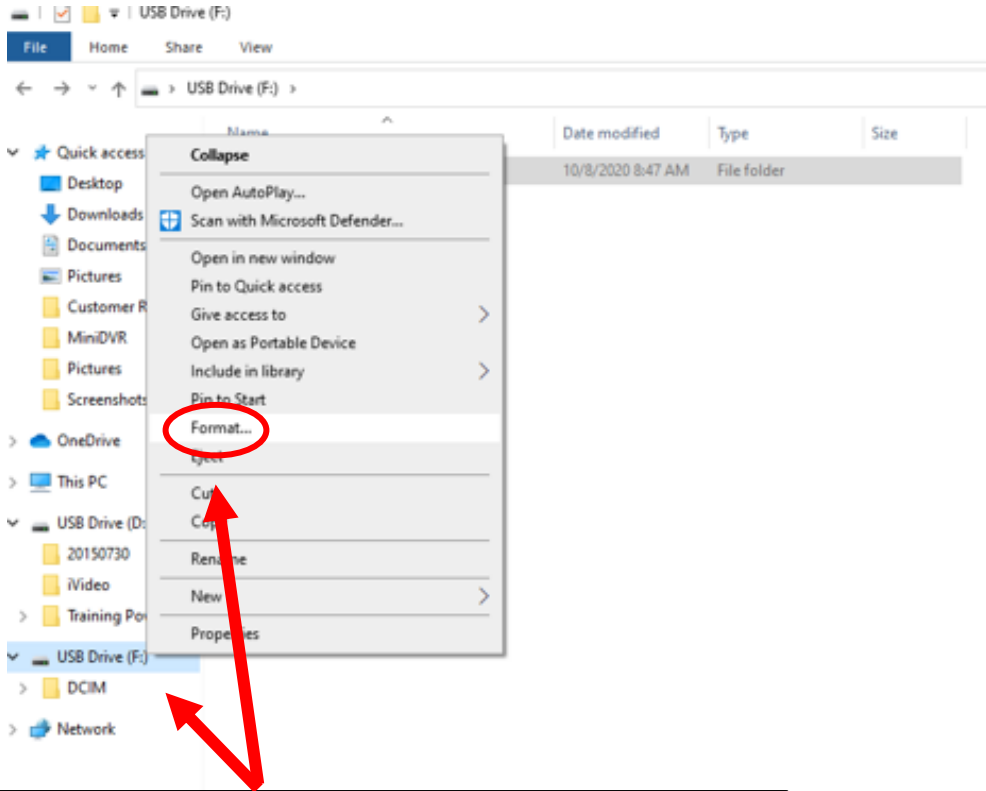
A: 1. Check whether remote battery is flat: connect DVR with camera and monitor, press any buttons on remote, with remote LED facing the camera to see whether there is a spark in the monitor; if not, please replace a new battery;  
2. Remote control only works in open space.

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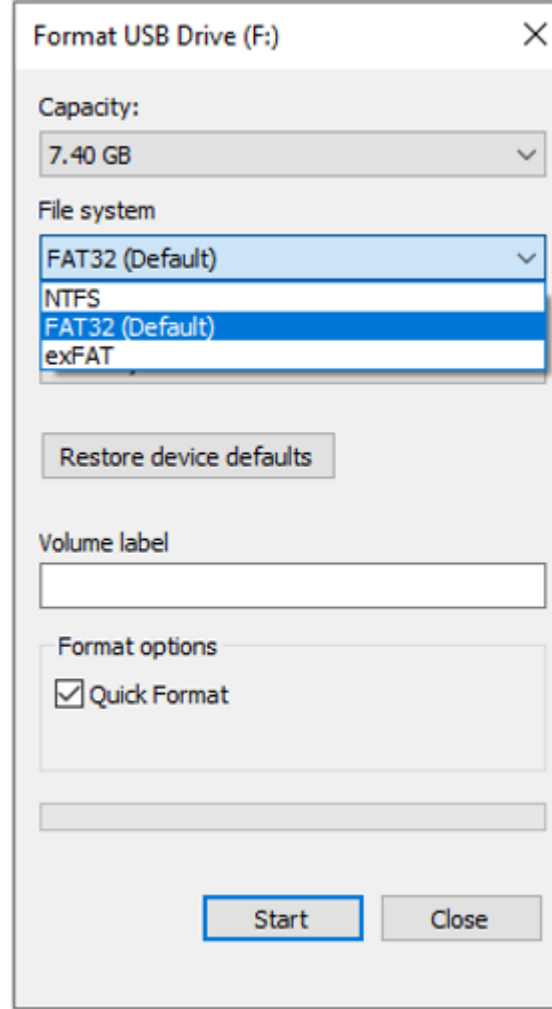
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# FORMAT SD



Right Click on the drive holding the SD.  
Select "Format"



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# WiFiAV

## Specifications

Item	Specifications	
Transmitter	Transmitting frequency	2400MHz-2483.5MH
	Modem mode	802.11b: DSSS(CCK,DQPSK,DBPSK) 802.11g/n: OFDM(BPSK,QPSK,16QAM,64QAM)
	Transmission distance with no obstacle	>150m
	Frame rate	30fps
	Video resolutions	VGA
	Video compression	H.264
	Wireless protocols	IEEE 802.11b, IEEE 802.11g IEEE 802.n(1T1RModes)
	Power supply	DC 9-30V
	Consumption current	150mA (Max)
	Encryption mode	WPA2
	Rainproof	Yes
	Weight	80+-5g
Dimensions	78*43*18mm	
Operation temperature	-10℃~+50℃	
Operation humidity	15%~85% RH	

## Operations for Android system client

### Installation APP software:

1. GOOGLE PLAY store.
2. Search "WiFiAV" software, and download.
3. Install the APP software, as the following interface:





4. Turn on the intelligent mobile device terminal and enter.

### Connection WIFI:

1. Click "wi-fi", select your camera, and connect the wifi of the intelligent mobile device terminal to the wifi of the tool. The initial SSID of the device is "WiFiAV", then type in the password of the device (default password: 12345678 ).
2. Click the "WiFi" icon in the main interface of the intelligent mobile device terminal.

### View the video:

Open the app , and if the connection between the wifi of the tool and the intelligent mobile device terminal is successful, the icon  will be highlighted, and the images transmitted from the wifi camera tool can be seen in the APP, as shown in the figure.

With unique image zoom in, zoom out function.






Mobile record DV record Snapshot emitter signal File folder Settings



### Notice:

- When the background is black or the image is still, please exit the app, and check whether the wifi connection is normal. Then click again the app icon to enter into the software interface.

### Settings:

Press this icon  to enter into the settings menu. You can change the default factory SSID and password of the wifi camera tool, and clicking  will show whether the change is successful, and clicking  to cancel the new SSID set.



### Notice:

- Long press the RESET button of the transmitter (10sec) to renew the default factory SSID and password.

## Operations for IOS Apple system client

### Installation APP software:

1. Turn on the intelligent mobile device terminal and enter APP store.
2. Search "WiFiAV" software, and download.



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# WiFiAV

3. Install the APP software, as the following interface:



## • Connection WIFI:

1. Click "wi-fi", select your camera, and connect the wifi of the intelligent mobile device terminal to the wifi of the tool. The Initial SSID of the device is "WiFiAV", then type in the password of the device (default password: 12345678 ).

2. Click the  icon in the main interface of the intelligent mobile device terminal.

## • View the video:

With unique image zoom in, zoom out function.






Mobile record DV record Snapshot Record folder Snapshot folder Settings

## Notice:

- When the background is black or the image is still, please exit the app, and check whether the wifi connection is normal. Then click again the app icon to enter into the software interface.

## • Settings:

Press this icon  to enter into the settings menu. You can change the default factory SSID and password of the wifi camera tool, and clicking  will show whether the change is successful, and clicking  to cancel the new SSID set.



SSID:  words or numbers(1-15)

password:  words or numbers(8-15)

## Notice:

- User could press the RESET button of the transmitter to renew the default factory SSID and password.

## Special Notice:

If you are using a Samsung mobile phone (including S7, S8, etc.), please follow the following operation. Press the "RESET" button 4 times for reset, switch to Samsung mode (SSID:WiFiAV-SAMSUNG, default password: 12345678), then all operations refer to the front of the Android system. Long press the "RESET" button for 10 seconds to reset to the default mode (SSID:WiFiAV, default password: 12345678) which is applicable to all non-Samsung mobile phones



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## User Manual

Model: 903S



### Product Features

- The WIFI audio and video transmitter supports audio, video, clearer picture quality and no cutting picture. It can support multiple mobile phones to watch video at the same time, 3D dual screen display, mobile phone recording and device end recording.
- WIFI Audio and Video Transmitter transmission, support iPhone, iPad, and Android phone
- Adjustable multiple angle camera viewing, with image-flip ability
- Camera & transmitter rainproof, dustproof and shockproof
- Minimum illumination less than 0.5 Lux, digital compensation for clear night vision
- Easy installation, wiring free
- 12-30VDC car power supply
- Transmission distance with no obstacle more than 150meters
- The client terminal shall support Android 4.3 or above, and IOS shall support Version 10.3 or above.

### Specifications

Item	Specifications
Transmitting frequency	2412MHz-2462MH
Modem mode	802.11b: DSSS(CCK,DQPSK,DBPSK) 802.11g/n: OFDM(BPSK,QPSK,16QAM,64QAM)
Transmission distance with no obstacle	>150m
Video input Format	CVBS (NTSC/PAL)
Video Input Level	1.0 Vp-p
Video Input Impedance	75 Ohm
Audio Input Level	1.0 Vp-p
Audio Input Impedance	600 Ohm
Frame rate	30fps
Video resolutions	VGA
Video compression	H.264
Wireless protocols	IEEE 802.11b, IEEE 802.11g IEEE 802.n(1T1RMode)
Power supply	DC 9-30V
Consumption current	250mA (Max)
Encryption mode	WPA2
Rainproof	Yes
Weight	80+-5g
Dimensions	78*43*18mm
Operation temperature	-10℃~+50℃
Operation humidity	15%~85% RH

### Operations for Android system client

#### ◆Installation APP software :

1. GOOGLE PLAY store.
2. Search "WiFiAV-HD" software, and download. Or scan the QR code, Download.




3. Install the APP software, as the following interface:




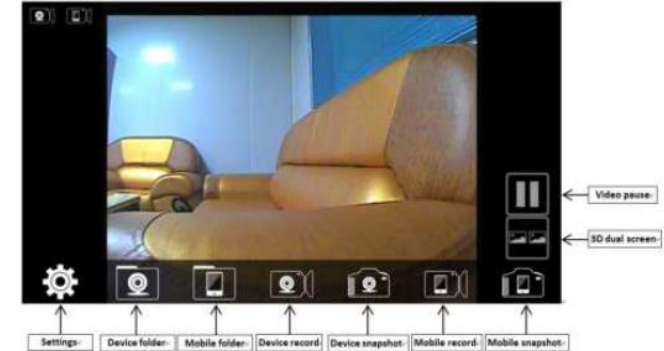
4. Turn on the intelligent mobile device terminal and enter

#### ◆Connection WIFI:

1. Click "wi-fi", select your camera, and connect the wifi of the intelligent mobile device terminal to the wifi of the tool. The initial SSID of the device is "WiFiAV-HD", then type in the password of the device(default password: 12345678 ).
2. Click the  icon in the main interface of the intelligent mobile device terminal.

#### ◆View the video:

Open the app , and if the connection between the wifi of the tool and the intelligent mobile device terminal is successful, the images transmitted from the wifi camera tool can be seen in the APP, as shown in the figure.



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# WiFiAV-HD

## Operations for IOS Apple system client

### ◆Installation APP software :

1. Turn on the intelligent mobile device terminal and enter APP store.
2. Search "WiFiAV-HD" software, and download. Or scan the QR code, Download

3. Install the APP software, as the following interface:

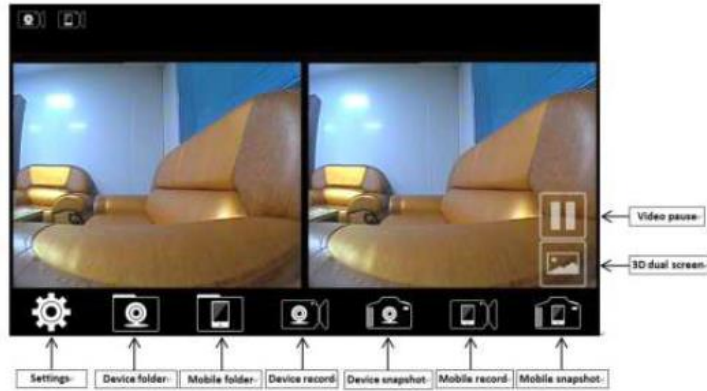
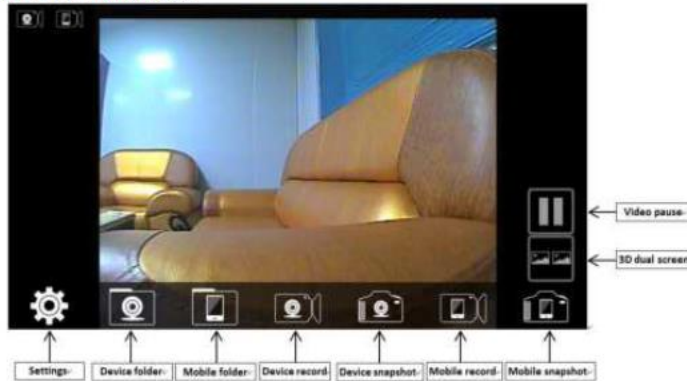
### ◆Connection WIFI:

1. Click "wi-fi", select your camera, and connect the wifi of the intelligent mobile device terminal to the wifi of the tool. The initial SSID of the device is "WiFiAV-HD", then type in the password of the device (default password: 12345678).

2. Click the "WiFi" icon in the main interface of the intelligent mobile device terminal.

### ◆View the video:


Open the app, and if the connection between the wifi of the tool and the intelligent mobile device terminal is successful, the images transmitted from the wifi camera tool can be seen in the APP, as shown in the figure.



### Notice:

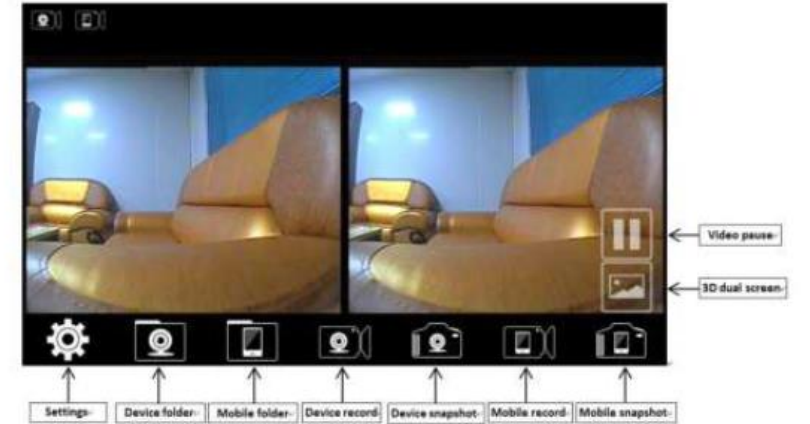
- When the background is black or the image is still, please exit the app, and check whether the wifi connection is normal. Then click again the app icon to enter into the software interface.

### ◆Settings:

Press this icon  to enter into the settings menu. You can change the default factory SSID and password of the wifi camera tool, and the other icons can realize some other functions

### Notice:


- User could long press the "RESET" button of the transmitter for 10 seconds to reset the default factory SSID and password.



### Notice:

- When the background is black or the image is still, please exit the app, and check whether the wifi connection is normal. Then click again the app icon to enter into the software interface.

### ◆Settings:

Press this icon  to enter into the settings menu. You can change the default factory SSID and password of the wifi camera tool, and the other icons can realize some other functions

### Notice:

- User could long press the "RESET" button of the transmitter for 10 seconds to reset the default factory SSID and password.



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