2 Channel MDVR
Manual

Content

Features:

This is a SD card DVR works with 2 CCTV cameras. The wide power range support this device works in house and vehicle.

Max. 128GB SD card memory makes recording time longer.

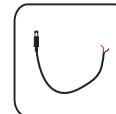Recording mode: power up, motion detection, manually

Attention

1. Please don't take out SD card when DVR is working

2. Please use original power adapter

3. Format SD card by DVR at the first time use

4. Keep the device in dry and ventilated place

5. Please use original SD card

6. Working temperature -20°C – 60°C

7. Free after service is unavailable if DVR damaged by wrong operation, even it is in warranty time
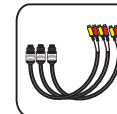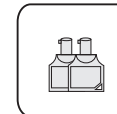
Accessories
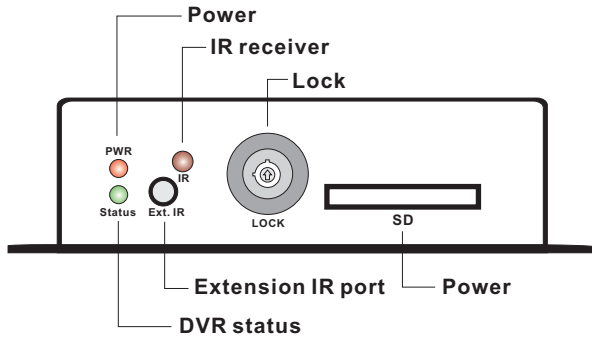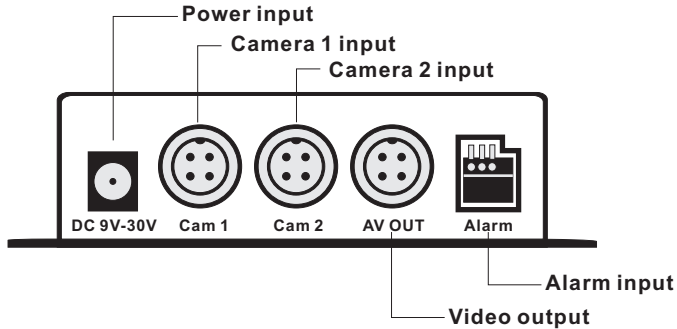

Remote controller   Power cable   AV cables   Keys   Manual

Device instruction

Front panel

Power
IR receiver
Lock
PWR
IR
Status Ext. IR
LOCK
SD
Extension IR port   Power
DVR status

Back panel

Power input
Camera 1 input
Camera 2 input

DC 9V-30V   Cam 1   Cam 2   AV OUT   Alarm

Alarm input
Video output

Remote controller

Item	Function
▲	Snap shot/switch files
▼	Switch files
◄	Switch channel/Volume down
►	Switch channel/Volume up
OK	Confirm/start recording
MENU	enter into Menu/back to last menu
PLAY	Play/pause/enter into record file list
STOP	Stop recording/play back
ESC	Exit to preview mode
DEL.	Double press to delete file

Insert SD card

Support max. 128GB SD card

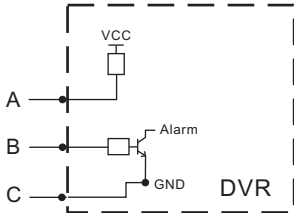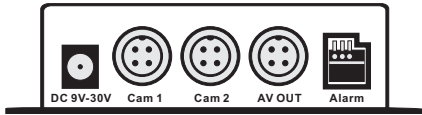PWR
IR
Status   Ext. IR
LOCK
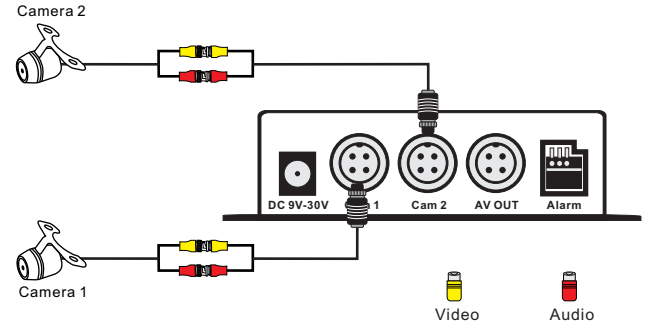SD

SD
128GB
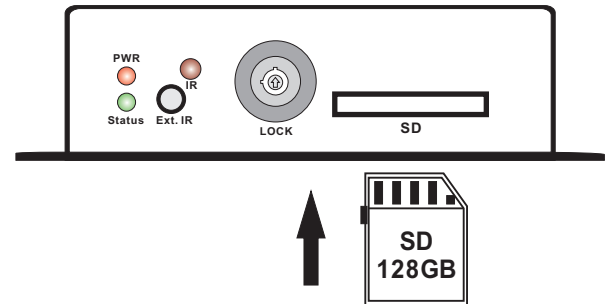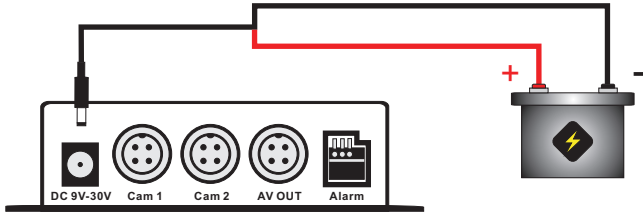
Connection

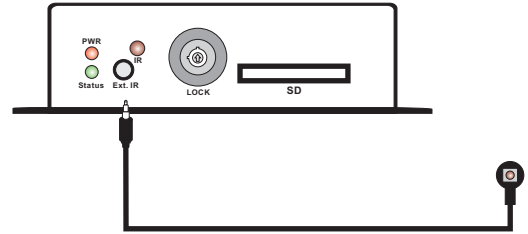* Power input range: 9V-30V

Alarm input instruction

Connection

Connect with cameras

Video   Audio

Connect with extension IR receiver

* Extension IR receiver is an optional accessory which need pay extra

Icons instruction

Preview mode: press "◀" or "▶" to switch camera view

Camera 1 Video

Preview mode

CAM1

2010/10/24 19:25:47   2010/10/24 19:25:47   SD

Date and time

SD card detected

Recording mode

Camera 1 Video

Recording mode

CAM1   ● REC

2010/10/24 19:25:47   2010/10/24 19:25:47   SD

Date and time

SD card detected
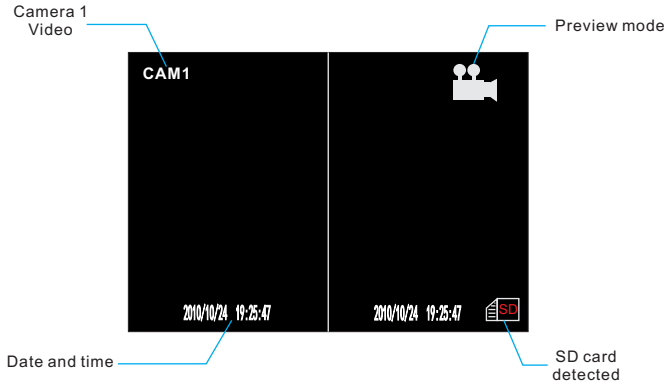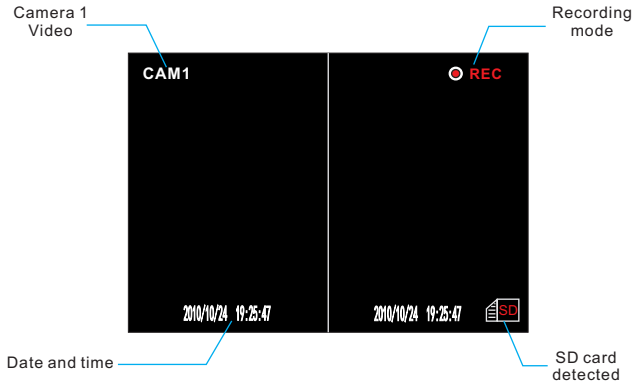
Set up

How to set up

1. Press "▲" or "▼" button to select different items

2. Press "◀" or "▶" button to adjust the item

3. Press "MENU" to enter into next step

4. Press "ESC" to exit to preview mode

Time setting

MENU **Time Setting**

◀ | **Year** | **2013** | ▶
Month	**12**
Day	**15**
Hour	**18**
Minute	**50**

1. Press "Menu" button in preview mode to enter into set up

2. Press "▲" or "▼" button to select different items

3. Press "◀" or "▶" button to adjust the item

Video setting
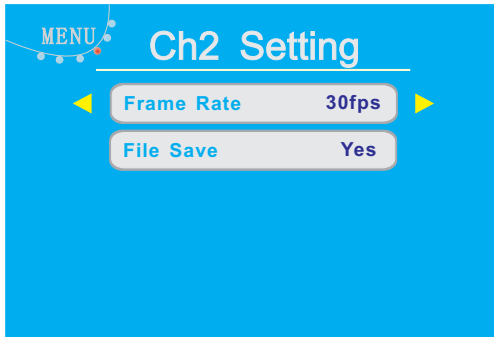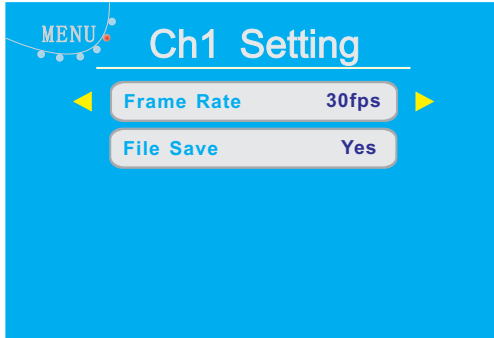
Frame rate: 5/15/30 f/s selectable. The higher frame selected, the higher memory cost is.

File save: Set save this channel video record in SD card or not.

Record setting
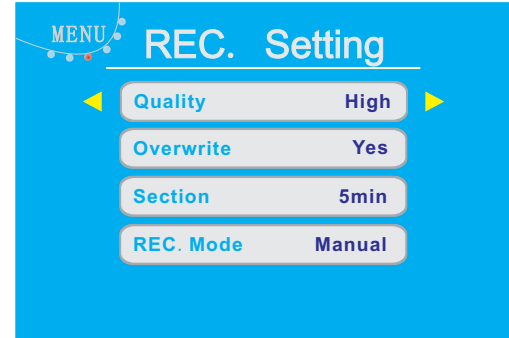
Quality: High/Middle/Low selectable. The memory cost is also high if you choose high quality

Overwrite: Overwrite automatically once memory is full

Section: 5/15/30/60 minutes for each record file

REC. Mode:

Manual: start/stop recording by manual

Imot.: start recording by motion detected

Boot Rec.: start recording by DVR power up

Snap shot

Press "▲"button in preview mode to take a photo

SD card information
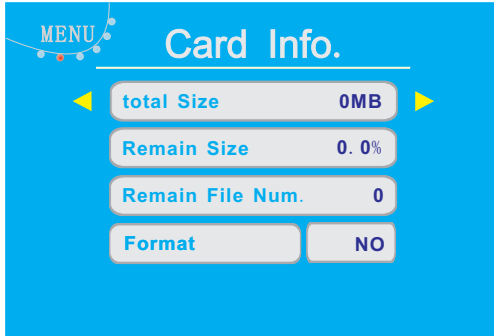
Total Size: show SD card capacity

Remain Size: the left memory of SD card

Remain File Num.: The approx file quantity of recording by left SD memory

Format: Format Sd card by DVR

Attention:

1. Please format SD card by DVR at the first time use

2. Please back up all information in SD card before you format it

System setting

Language: English/简体中文/繁體中文 selectable

Alarm Period: Set the time of alarm electrical level triggered by motion detection

Time stamp: Set time and date appear on video or not

Reset: Set DVR default

Version: the software version number

Playback

Select folder:

Record files saved in different folders which created by date.

One date for one folder only. So,please select the folder by date,

and then check video files in it.

```
Folder Name Date          Start Time

00000001    2013/12/08    04:53:42
00000002    2013/12/09    10:13:33
00000003    2013/12/10    12:19:04
00000004    2013/12/11    22:59:16




                          Page  0001/0010
```

1. Press "PLAY" button in preview mode to check folder list.

2. Press "▲" or "▼" to choose the folder

3. Press "OK" to enter into this folder

4. Press "◄" or "►" to turn to next/previous page.

Select record file

```
File Name       Date          Start Time

045345-2        2013/12/08    04:53:44
045345-1        2013/12/08    04:53:44
045845-2        2013/12/08    04:58:44
045845-1        2013/12/08    04:58:44




                Page  0001/0120
```
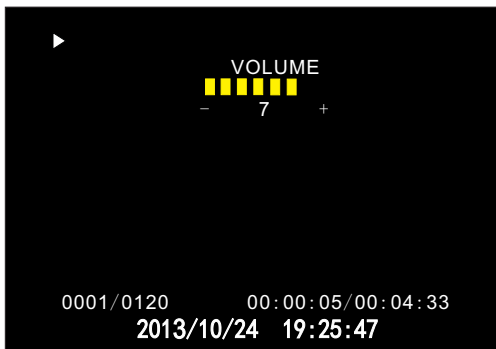
1.Press "▲" or "▼" to select the files

2. Press "OK" to choose the file, and press "PLAY" to playback

3. Press "◄" or "►" to turn to next/previous page

4. Double click "DEL." to delete the selected file

Playback on computer

Take out SD card, and read it on computer, please use provided
Player to play video.

Playing

```
 ▶

              VOLUME
          ■ ■ ■ ■ ■
          –    7    +




  0001/0120      00：00：05/00：04：33
                2013/10/24   19：25：47
```

1. Press "PLAY" to play or pause

2. Press "STOP" to stop playing

3. Press "◀" or "▶" to set volume up or down

4. Press "▲" or "▼" to switch to next/previous file

5. Press "MENU" to back to last menu

6. Press "ESC" to exit to preview mode

Parameters:

Item	Description	Data
Video	Video input	2 channel
	Video output	1 channel
	Resolution	D1 @ 640x480 for each
	Frame	5/15/30 fps for each
	Compression	MPEG-4
Audio	Audio input	2 channel
	Audio output	1 channel
	Audio format	MP3
Working mode	Working mode	Video/snap shot
	Recording mode	Power up/Motion/manual
	Special mode	Alarm I/O / RS232
Alarm I/O	Alarm input	1 input with low
	Alarm output	1 output with high 3.3V
Memory	Memory type	SD card/micro sd card
	Max. Memory	128GB
	Memory cost (1 hour)	about 700mb/1 channel
		about 1.2G/2 channel
	Photos	20kb/pcs
	SD card type	SDHC
Communication	UART	1 UART
	USB	USB 2.0
	IR	IR remote controller
Power	Power input	5-30V
	Standby consumption	2W
	Working consumption	2.4W
System	Language	English/Chinese
	Interface	OSD Menu

F.A.Q.

1. SD card can not read by DVR
A.: Please use original type 1GB-128GB SDHC card

2. No video output on monitor once DVR power up
A.: Please check connection between TV and DVR

3. No audio out when playing back video
A.: Please check connection between TV and DVR.
     And make sure the record file has audio signal too.

4. There has no files in SD card after DVR worked for a while
A.: Please check if SD card detected by DVR
     Please use 1GB-128GB original SD card

5. DVR shut down when it is working
A.: Please don't insert/take out SD card when DVR is working
     Please use 1GB-128GB original SD card

6. DVR can not recording by motion detection
A.: Please set recording mode in "Imot."
     Please check if SD card detected by DVR

7. Remote controller unavailable
A.: Please check if battery low
     Please keep DVR working with it without coverage