

# Mini Alarm DVR System



**Manual**

# Contents

Instruction. . . . .	2
Function keys. . . . .	3
Flowchart. . . . .	6
User guide. . . . .	7
Display. . . . .	7
FAQ. . . . .	10
Accessories. . . . .	10
Specifications. . . . .	11

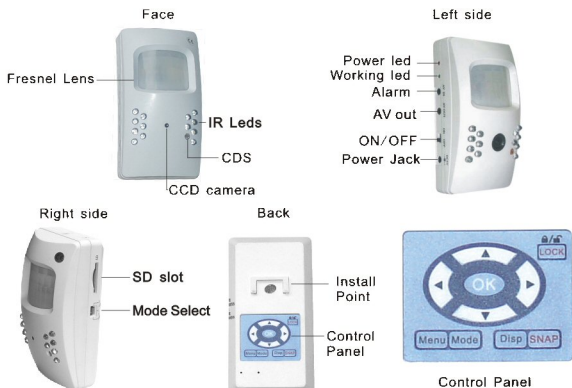
## Instruction

Mini alarm DVR camera is designed for the deficiency of present surveillance camera. It integrate surveillance, record with alarm functions, which is the first design in the world. It combining the PIR detection with Motion detection, the alarm reliability can be greatly improved. Built-in 1/3" SONY CCD camera with high resolution, JPG taking photos and AVI recording function optional, making the image clear and more activity. Support 2G SD card, making the recording and storage time longer. Night-vision function makes the product use in dark conditions.

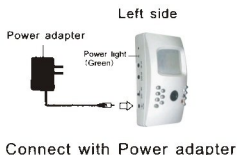
## Feature

- > Work in alarm system
- > Internal 1/3" SONY CCD camera makes pictures clear
- > PIR detective & motion detective, working steadily
- > Connect with a mini siren
- > AVI recording and JPG snap optional, when someone intrude, it will start recording/snap automatically
- > Start overwriting when memory is full
- > Internal 32MB memory, support 2G SD card
- > Internal lithium battery
- > Real time clock record the time for every video/picture
- > Switch mode for PAL/NTSC
- > Review the video and browse pictures via monitor or TV
- > Night vision, using in dark condition

## Function Key



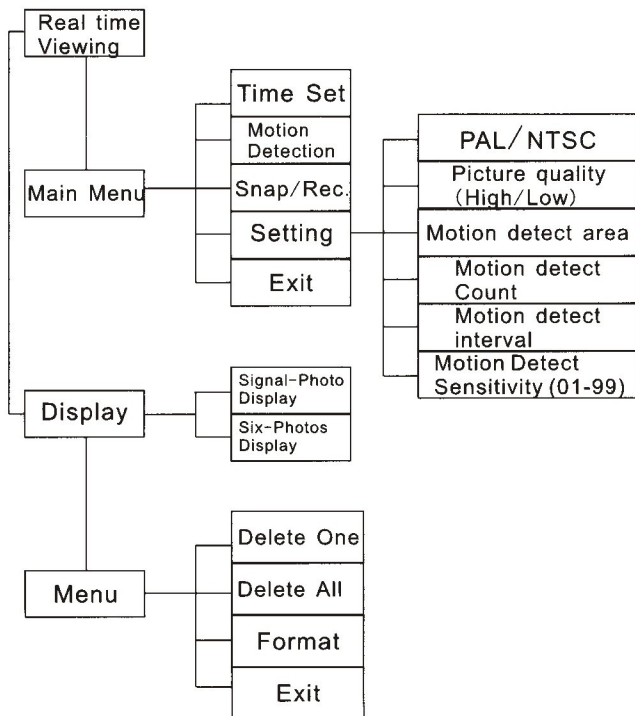
## Working Show







## Flowchart:



## User Guide

### Install and setting

1. Put bracket on the back of DVR
2. Connect monitor/TV via video cable adjust camera face to the surveillance area
3. Select detect mode according to actually condition  
(Motion detective, PIR detective, motion+PIR detective)
4. Set detect area according to actually condition
5. Please code before combine use camera with alarm host.  
Press "ALARM" button on remote controller, or shake your hands in front of camera after 15 seconds you set it on lock.  
(Code data please check the "data sheet")
6. ALARM hole out put 5 Voltage, it can connect with a mini siren, and it can control other equipment also.  
(Camera will be broken over 300mA current)

### Charge

In the condition of Power ON or Power OFF, insert power adapter to charge, the red led will light. When you charge in condition of power off, the red led off means charge full.

### Normal Mode

After start picture, enter into normal mode

1. Press "MODE" button enter into Display mode
2. Press "SNAP" button start recording/take pictures
3. Press "MENU" button enter into setting mode
4. Press "▲" ON/OFF motion detective
5. Press "▼" switch recording/take pictures



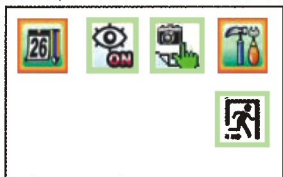
## Display Mode




All data will be stored in different folders in the FLASH memory or SD card. The folders are named with different dates. If there is no file, "NO FILE" will be shown in Playback mode.

1. In preview mode, press "MODE" enter into display
2. Press OK enter into six-photos display mode, and press "◀" "▶" select pictures, press OK again to show
3. Press "▲" close OSD, press again open OSD
4. Press "DISP" to choose folders by different dates, press "▲" "▼" to choose, and press OK to select
5. Press "MENU" 3seconds enter into Delete menu, press "◀" "▶" select "delete one", "delete all", "format".

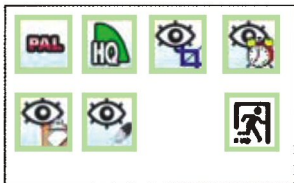
## Main Menu







1. In condition of Normal mode, press Menu enter into Main Menu, Press "◀" "▶" select items, press OK confirm



2.  Press "▲" "▼" "◀" "▶" set time and data, press OK to confirm
3.  Press "OK" ON/OFF motion detective
4.  Press OK select recording/take photos

5.  Press OK enter into set up



- A.  Press OK select TV mode (PAL/NTSC)
- B.  Press OK select picture quality  
(HQ is High quality. LQ is low quality. different quality cost different memory)
- C.  Press "◀" "▶" select full screen or small area for detect
- D.  Press OK set motion detection interval
- E.  Press OK set motion detect count
- F.  Press "▲" "▼" set motion detective sensitive

## FAQ

1. Picture faintness:  
Check lens is clear
2. Can not use remote controller:  
Check battery in remote controller
3. Can not use alarm host:  
Check the connect data is same between them. Or there is a long distance between them. Or there has disturb
4. Can not start DVR:  
Check the power adapter is OK
5. Misinformation :  
Check data of motion detective is OK
6. Pictures flash :  
Check DVR display mode is same as the TV mode

## Attention

1. 5V-6V adapter suitable only, higher electric will destroy it, and DVR will not work if electric too low
2. Far away from hot things, and avoid sunlight
3. Keep away from wet and dusty
4. Please turn off DVR if you don't use it for long time
5. Please don't open DVR yourself

## Accessories



## Specification

Items	Data
Power supply	DC 5V
Electric current	500mA-800mA
AV out impedance	75 $\Omega$
AV Out volt	1Vp-p
TV Mode	PAL / NTSC
Internal camera	SONY 1/3 CCD (Optional)
Trigger for record	Motion detection
Trigger for alarm	Motion detection + PIR detection (optional)
PIR detection distance	$\leq 8M$
View angle	$\leq 120$ degree
Record Frame	PAL: 10 f/s NTSC: 10f/s (have 5f/s made for order )
AVI Resolution	320 X 240
JPEG resolution	640 X 480
Horizontal resolution	420 TV Line
Memory	Flash memory and SD Card
SD card capacity	$\leq 2G$ byte
OSD	English
Alarm chip	Fixed code :PT2262 / Study code: SC1527
Surge resistance	4. 7M $\Omega$ (optional)
Data code	D1 low ,D2 high,D3 empty,D4 empty
Wireless frequency	315MHZ/433MHZ (optional)
Li-battery capacity	1800MAH
Battery recharge	>6 hours
Battery discharge	>3 hours
AC adapter	AC/110 – 240V ,50-60HZ,DC5V ,1.5A
RC distance	$\leq 8M$
IR distance	5M-8M
IR wavelength	850NM
2G SD card using time	Common conditions: AVI video recording for 3-5days . snapshot for 15days