

# PV-1000Touch

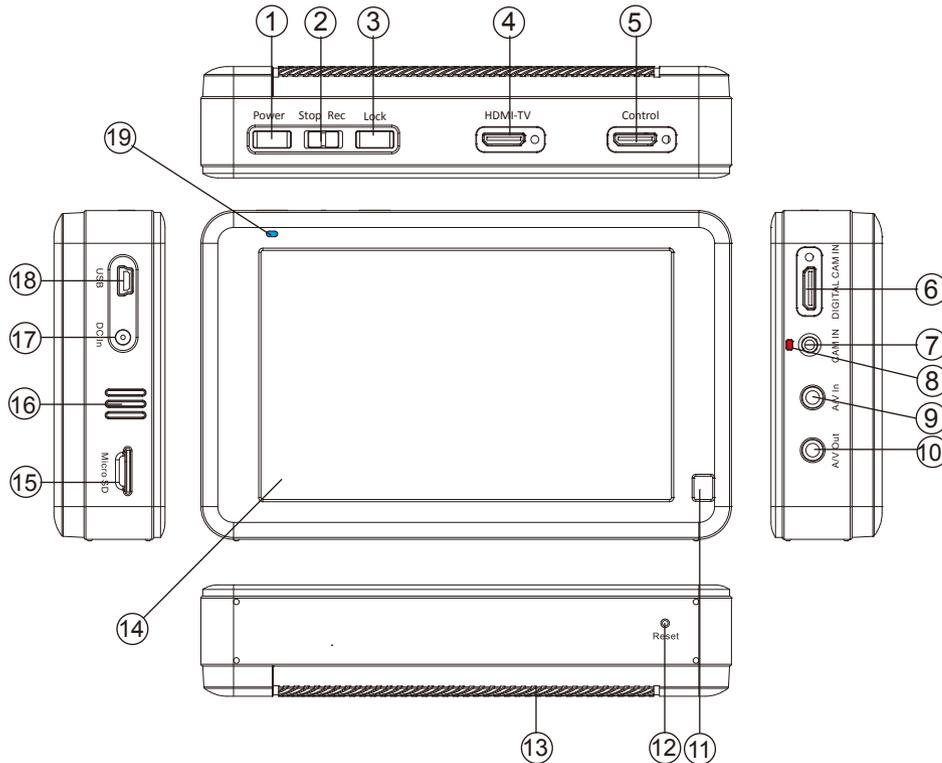
## User Manual

[Lawmate-Technology.com](http://Lawmate-Technology.com)



**LawMate, innovation never stops!**

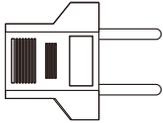
# 1. Names and Parts



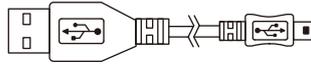
1. Power Button
2. Stop/Rec Button
3. Screen Lock
4. HDMI Out
5. Control Port
6. Digital Cam In
7. Analog Cam In
8. Camera LED
9. A/V In
10. A/V Out
11. Infrared Sensor
12. Reset Button
13. Battery Compartment
14. 5" Touch Screen
15. Memory Card Slot
16. Speaker
17. DC In
18. USB Port
19. LED Status Bar

## 2. Package Content

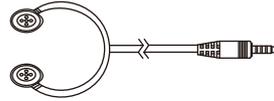
European Standard  
Adapter Head



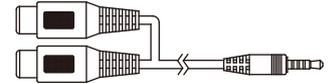
USB Cable



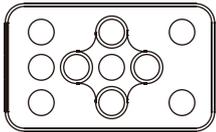
Earphone



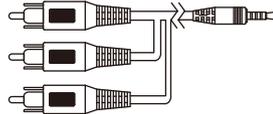
A/V In Cable



Infrared Remote  
Controller



A/V Out Cable



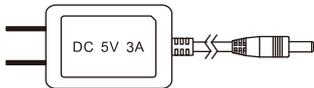
Stylus Pick



Battery Pack



DC5V 3A Charger



Pouch



## 3. Basic Operation

### A. Power On / Off Device



Power On: Press Power On / Off button  on the unit to turn on the device.

Power Off: Press Power On / Off button  on the unit to turn off the device.

### B. Select Function



When the device is turned on, it enters Main Menu page.

Touch the screen to select the desired function.

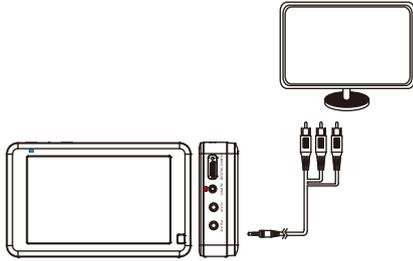
### C. Adjust Volume



When playing back the video on unit, touch   icons on the unit or press   on the remote control to adjust volume

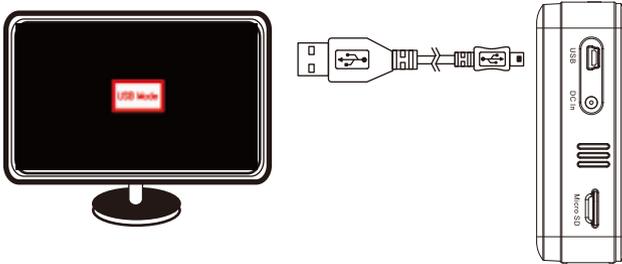
### 3. Basic Operation 2

#### D. Output to Monitor



1. Touch Settings on the Main Menu, enter “Display” and choose “TV” as input end.
2. Plug the RCA cable into AV-Out port and connect the other end to the monitor to output the image.

#### E. Connect to PC

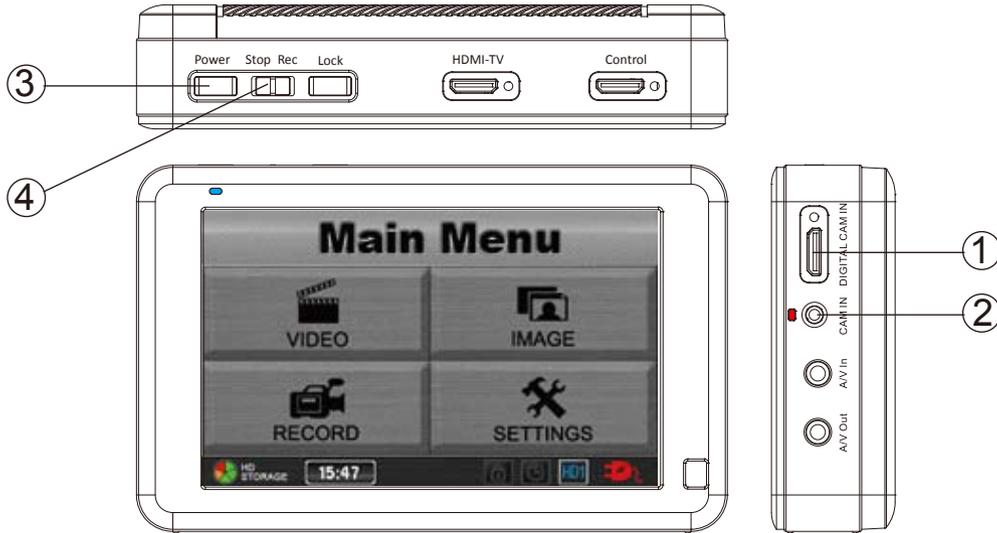


1. Connect two ends of the USB cable to PC and PV-1000Touch
2. “USB Mode” notification appears to indicate PV-1000Touch is properly connected to PC.

#### F. Charging

1. When the power goes down, battery bar on the interface goes down. Please charge the DVR immediately.  
Before the device shuts down, red LED will blink for 3 seconds and shows a notification “Battery Very Low.”
2. Connect the DVR with the power supply via DC5V 3A Charger, red LED will illustrate to show the DVR is charging.

## 4. Operation- Recording



1. Connect a 5V analogue camera to cam in port ② or a LawMate digital camera to digital cam in port ①
2. Power on the device by pressing ③.
3. To start recording, switch ④ to Rec.
4. Touch  on the screen to start recording and switch ④ to Stop

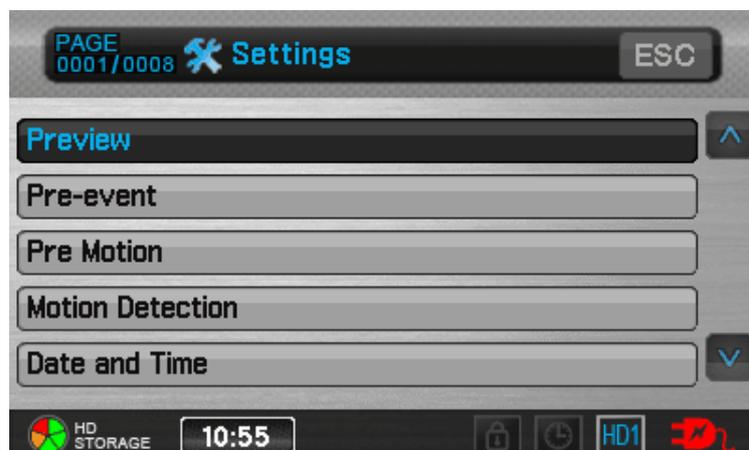
## 5. Introduction to all Setting Functions



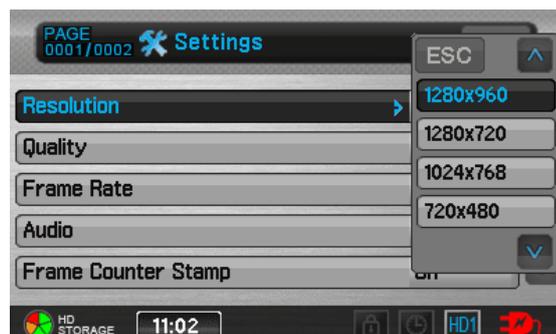
Enter Settings Page

### 1. Preview

Select your preferable preview mode among the sections.



- ✧ Resolution ( 320x240 / 640x480 / 720x480 / 1024x768 / 1280x720 / 1280x960 )
- ✧ Quality(High/Normal/Low)
- ✧ Frame Rate( 1 / 5/ 15 /20/30)
- ✧ Audio (Enable/Disable)
- ✧ Frame Counter Stamp (On/Off)
- ✧ Timestamp (On/Off)
- ✧ Device ID Stamp (On/Off)
- ✧ Microphone Sensitivity
- ✧ Overwrite



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## 2. Pre-event

### Features

As soon as the record function is triggered, the video automatically traces back 5 seconds or 15 seconds before the record button is pressed.

Note: This function is activated after 15 seconds of recording.



- ✧ Resolution ( 320x240 / 640x480 / 720x480 / 1024x768 / 1280x720 / 1280x960 )
- ✧ Quality(High/Normal/Low)
- ✧ Frame Rate( 1 / 5/ 15 /20/30)
- ✧ Audio (Enable/Disable)
- ✧ Frame Counter Stamp (On/Off)
- ✧ Timestamp (On/Off)
- ✧ Device ID Stamp (On/Off)
- ✧ Pre-event Duration(5sec / 15 sec)
- ✧ Microphone Sensitivity
- ✧ Overwrite



### 3. Pre-Motion

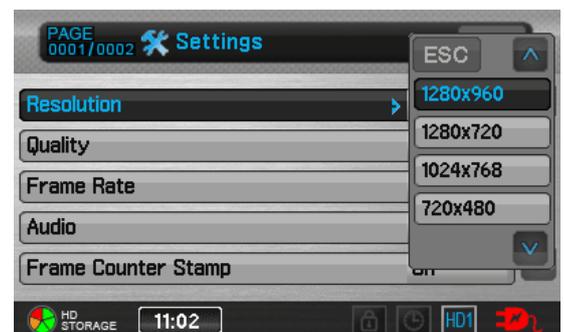
#### Features

As soon as a movement is detected, recording starts. The video automatically traces back 5 or 15 seconds before the record button is pressed.

Note: This function is activated after 15 seconds of recording.



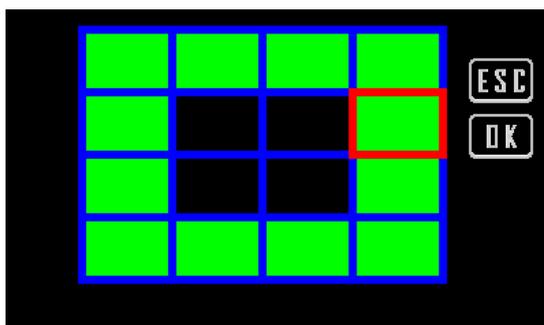
- ✧ Resolution ( 320x240 / 640x480 / 720x480 / 1024x768 / 1280x720 / 1280x960 )
- ✧ Quality(High / Normal / Low)
- ✧ Frame Rate ( 1 / 5/ 15 /20/30)
- ✧ Audio (Enable/ Unable)
- ✧ Frame Counter Stamp (On/Off)
- ✧ Timestamp (On/Off)
- ✧ Device ID Stamp (On/Off)
- ✧ Pre-Event Duration( 5sec /15sec)
- ✧ Motion Detect Level(High / Medium / Low)
- ✧ Microphone Sensitivity
- ✧ Overwrite(Disable/Enable)



## 4. Motion Detection

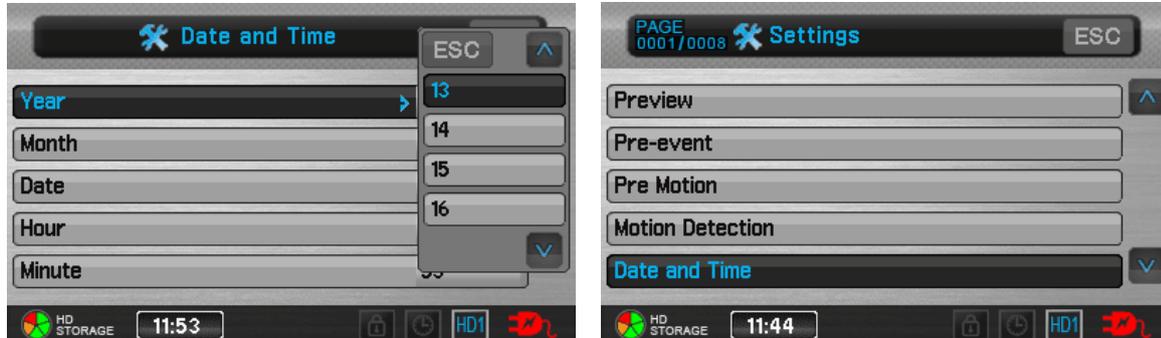


- ✧ Resolution ( 320x240 / 640x480 / 720x480 / 1024x768 / 1280x720 / 1280x960 )
- ✧ Quality(High/Normal/Low)
- ✧ Frame Rate ( 1 / 5/ 15 /20/30)
- ✧ Audio (Enable/ Unable)
- ✧ Frame Counter Stamp (On/Off)
- ✧ Timestamp (On/Off)
- ✧ Device ID Stamp (ON/Off)
- ✧ Motion Detect Level (High / Medium / Low)
- ✧ Motion Detect Duration (30sec / 1min / 3min / 5min)
- ✧ Motion Detect Zone (See illustration. Touch the screen to select desired detect zone, press again to undo selection. Press OK to save editing)
- ✧ Microphone Sensitivity
- ✧ Overwrite(Disable/Enable)



## 5. Date and Time Setting

Select the correct Year/Month/Date/Hour/Minute to set up date and time information



## 6. Date Format

Select date format between **YYYYMMDD** / **DDMMYYYY**



## 7. Language

Select the language among English /Simplified Chinese/ Traditional Chinese/Japanese/ French /Russian

- English/簡体中文/繁體中文/日本語 /Francais/Русский



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## 7 Recording Mode

Set up desired recording mode from the sections.



## 8 Resume to Pre-set Duration

Activate the recording after 15 sec/30 sec according to your selected recording mode. You could either switch the function off by selecting No.



## 9 Timer Recording

This function serves to activate/deactivate the recording regarding the preset date and time information. DVR must be powered off before the recording is started up.

### 1. Enter the file to edit timer recording settings



### 2. Video Line in REC Start

Set up your recording schedules.

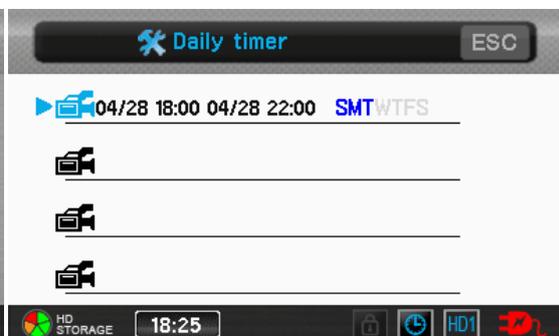
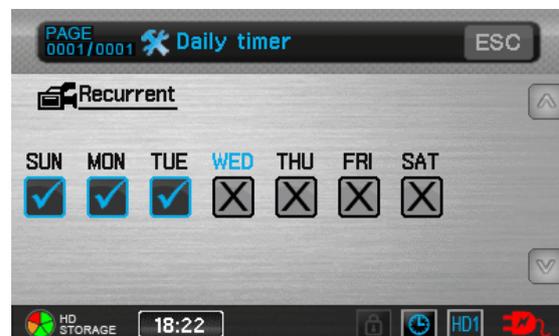
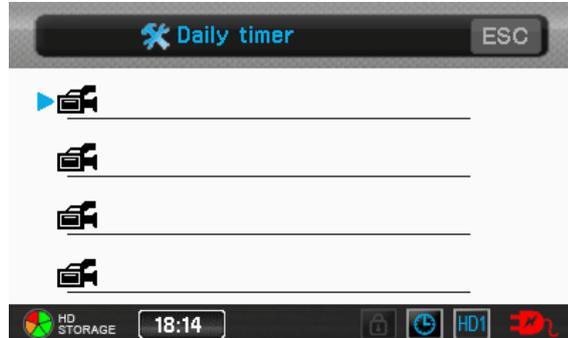
Enter date and time information for your recording schedules, and choose the recording quality. Turn the setting to On at the last item.

DVR will power on and start/stop recording regarding the information inserted.



## 10 Daily timer

Preset your daily recording schedule by inserting time information. Enter recurrent to set days.



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## 11 Backlight Out Duration

Set up back up duration 30 sec / 1min / 3min or choose “No” to turn it off



## 12 Digital Cam Low Lux

Turn on/off the low lux function of the digital camera



## 13 Digital Cam NTSC/PAL

Set up NTSC/PAL system



## 14 Storage Option

Touch the screen to choose HDD or SD for storage.



## 15 Storage Information

Click in to view the storage information.



## 16 Storage Capacity Icon

Turn on the storage capacity icon to display storage



## 17 Format memory

Choose to format hard disk or SD card



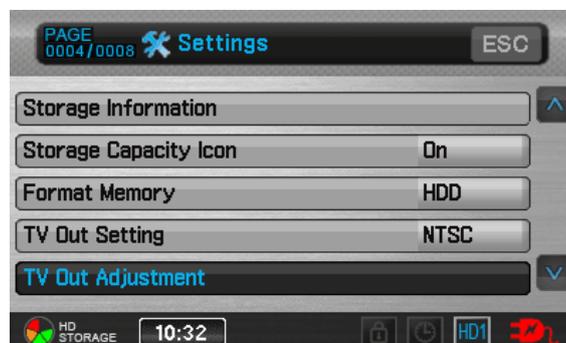
## 18 TV Out Setting

Choose TV Out video system NTSC or PAL



## 19 TV Out Adjustment

Adjust TVout screen position.



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## 20 Display

Touch the screen to choose the LCD/TV/HDMI for the display option.



## 21 Video Playback

Touch the Screen to choose Playback mode ( Repeat All / All / One / Repeat One)



## 22 Video Thumbnail

Set up to enable video image preview on the playback list.



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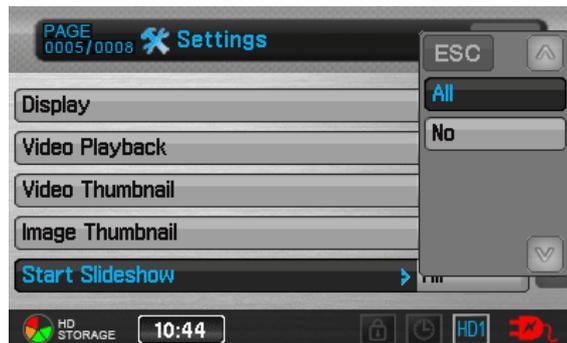
## 23 Image thumbnail

Set up to enable snapshot image preview on the playlist.



## 24 Start Slideshow

Set up if enable slideshow



## 25 Slideshow Duration

Set up slideshow duration amount 3 / 5 / 7 / 10 seconds.



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## 26 Firmware Upgrade

Save the upgrade firmware file onto memory card and touch “firmware upgrade” button. After the system is updated, it will reboot automatically. If the message “Update Error” is shown, it means the upgrade is failed due to incomplete file or damaged memory card. Please use other memory card, or reboot the device after inserting the memory card.



## 27 Restor Factory Setting

Select Ok to reset the unit to default values



## 28 Power On Password

Select On to activate PV-1000Touch password protection. Enter password each time you turn on PV-1000Touch.



## 29 Set Power On Password

Enter the password



## 30 USB Connection Password

Select On to activate USB connection password. Each time you connect PV-1000Touch to equipment by USB cable, it requests password to open the folder.



## 31 Set USB Connection Password



## 32 Touch Panel Calibration



Touch the screen for the calibration.

## 33 Create Logs

Record all log times for power on/off, USB plug-in/out and record and playback.

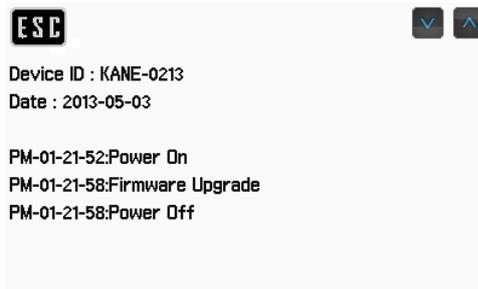
Touch the screen to choose the Off/On.



## 34 View Log

Touch the View log on the screen to show Log record.





### 35 Save All Logs

Touch the screen to choose if save the logs to HDD or SD.



### 36 Device Information

Show information about PV-1000TOUCH



# 6. Video Playback

➤ Operations on Main Menu



Select "VIDEO" on the main menu to enter playback list.



Touch the **ESC** on the screen to stop playing and return to the last page

➤ **Fast Playback**

✧ **Double Speed Playback:** Touch  during normal playback, the video file will be played with a speed two times quicker; touch  to return to the normal

playback speed. or press  x 1 time on the remote control and press  to normal speed playing.



- ✧ **4 Times Speed Playback:** Touch  twice on the screen during normal playback, the video file will be played with a speed four times quicker; Touch  to

resume to the normal playback speed.



- ✧  x 2 > and press  to normal speed playing

- ✧ **8 times Speed Playback:** Touch  three times during normal playback or, the video file will be played with a speed eight times quicker; Touch  to resume to the normal playback speed.



- ✧  x 3 > and press  to normal speed playing

➤ **Slow motion function**

- ✧ **1/2 Speed slow motion:** Touch  on the screen after pausing  the playback, the video file will be played in 1/2 slow motion; touch  on the screen to resume the normal playback speed.

- ✧ On the remote control : Press  >  x 1 > 



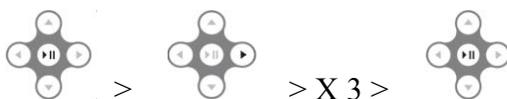
- ✧ 1/4 Times Speed Playback: Touch  twice after pausing  the playback, the video file will be played in 1/4 slow motion; touch  to resume the normal playback speed.

On the remote control, you can press



- ✧ 1/8 times Speed Playback: press  three times after pausing  the playback, the video file will be played in 1/8 slow motion; touch  to resume the normal playback speed.

✧ On the remote control, you can press



### ➤ **Reverse Playback >**

- ✧ **Two times reverse playback:** touch  on the screen during normal playing, the video file will be played with a speed two times quicker; touch  on the



screen to resume the normal playback speed.



- ✧ **Four times reverse playback:** touch  twice during normal playing, the video file will be played with a speed four times quicker; touch  on the screen to resume the normal playback speed.



- ✧ **Eight times reverse playback:** touch  three times on the screen during normal playing, the video file will be played with a speed eight times quicker; touch  to resume the normal playback speed.



- **Pause >** touch  on the screen to pause the Video; touch  once again to resume to the normal playback.

Press  on the remote control to stop playing, press  again to play.

- 
- **Stop** > Touch **ESC** on the screen to stop playing and turn to File List mode.

or press  on the remote control.



- **Video Capture** > Capture Image while the video is playing

touch  on the screen or press  on the remote control to stop playing, and touch  on the screen for a snapshot. The captured pictures will be stored in the image file.



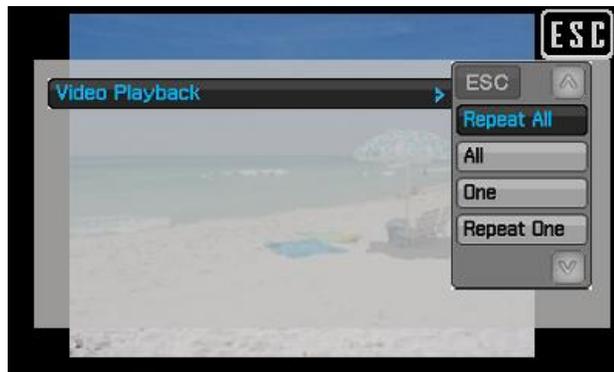
**Notice:**

**It is unable to capture an image by using remote control.**

# 7. Video Editing

- **During Video Playback** > Touch  on the screen or Press  on the remote control, the video will be paused, and the setting items will appear :

- ◇ Video Playback (Repeat All/All/One/Repeat One)
- ◇ Full screen (on/off)
- ◇ Display (LCD/TV/BOTH)



- **In File List mode** > Touch  on the screen or Press  on the remote control, the setting items will appear :

- - ◇ Video Playback (Repeat All//All/One/Repeat One)
  - ◇ Video Thumbnail (on/off)
  - ◇ Delete (One/All)
  - ◇ Deletion Lock( On/Off)
  - ◇ Copy ( One/All)



- ✧ MOVE (One/All)
- ✧ File Information



- **In upper layer of the File List** > Touch  on the screen or Press  on the remote control, the setting items will appear :



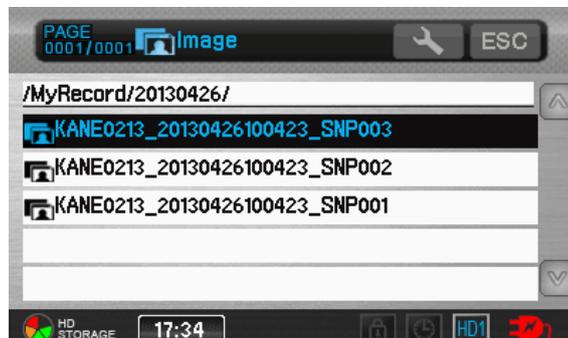
- ✧ Video Playback (Repeat All//All/One/Repeat One)
- ✧ Video Thumbnail (on/off)
- ✧ Delete Directory (One/All)

## 8.Photo Browsing

- Operations on the Main Menu



On the Main Menu, touch IMAGE on the screen entering to the newest file , touch the file name on the screen to browse the selected photo.



After browsing the photo, Touch **ESC** on the screen to the upper level of the file, touch **ESC** on the screen entering to the latest photo file, touch **ESC** once again to MyRecord file and the last returning to the Main Menu.



➤ **Zoom in the photo by 2 times/4 times**

✧ Zoom in by 2 times:

Press  on the remote control one time



✧ Zoom in by 4 times: press



Press  on the remote control twice

(image is enlarged , press  to move; Press once again , to normal size )

➤ Slide Show

In File list Mode or Image Browsing Mode, touch  to select “Start Slide Show” or press  on the remote control to start the Slide Show.

Touch the screen or Press  to stop Slide Show.



## 9. Photo Editing Mode

➤ During selecting photo in an image file :

Touch  on the screen or press  on the remote control , the setting

items appear:



- ✧ Start Slideshow
- ✧ Image Thumbnail ( On/Off)
- ✧ Delete (On/Off)
- ✧ Deletion Lock(On/Off)
- ✧ Copy(One/All)



- ✧ Move (One/All)
- ✧ Playback Slideshow(All/No)
- ✧ Slideshow Duration (3/5/7/10 sec)
- ✧ File Information



➤ During Photo Browsing:

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touch  on the screen or press  on the remote control, the setting items appear:

- ✧ Start Slideshow
- ✧ Playback Slideshow (All/No)
- ✧ Slide Show Duration (3 sec/ 5 sec/ 7 sec/10 sec)
- ✧ File Information



touch  on the screen or press  to return the upper level.

➤ In the File List Mode :

touch  on the screen or press  on the remote control, the setting items appear:



- ✧ Start Slideshow
- ✧ Image Thumbnail (On/Off)
- ✧ Playback Slideshow(All/No)

- ✧ Slide show Duration (3 sec/ 5 sec/ 7 sec/10 sec)
- ✧ Delete Directory

## 10 File Format

- ✧ File Format

	Baseline
JPG	Lower than 4032 * 4032

## 11 Record

- Connect a camera to the PV-1000Touch

Touch RECORD on the main menu , or press  on the remote control to choose the function : Preview/Pre-event/Pre-motion/Motion Detection.



### (1) Preview

Before connecting an external camera, there's no signal on the screen; after connecting, screen will show up preview mode and stand by to record.



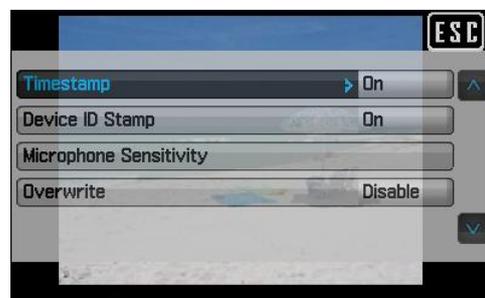
Touch **REC** to start recording or press  button on the remote control



Press **STOP** button or the one on the remote controller  to stop recording, and the screen will return to stand-by mode of Preview to prepare for recording.

➤ In Preview mode, touch  on the screen or Press  on the remote control, the setting items appear:

- ✧ Resolution ( 320x240 / 640x480 / 720x480 / 1024x768 / 1280x720 / 1280x960 )
- ✧ Quality(Good/Normal/Low)
- ✧ Frame Rate( 1 / 5/ 15 /20/30)
- ✧ Audio (Enable/Disable)
- ✧ Frame Counter Stamp (On/Off)



- ✧ Timestamp (On/Off)
- ✧ Device ID Stamp (On/Off)
- ✧ Microphone Sensitivity
- ✧ Overwrite(Disable)

## (2) Pre-event

Feature:

As soon as the record function is triggered, the video automatically trace back 15 seconds before the record button is pressed.



- Touch Pre-event to enter Pre-event mode.
- touch **REC** on the screen or press  on remote control to start recording

- touch  on the screen or Press  on the remote control, the setting items appear:



- ✧ Resolution ( 320x240 / 640x480 / 720x480 / 1024x768 / 1280x720 / 1280x960 )
- ✧ Quality( 1 / 5/ 15 /20/30)
- ✧ Frame Rate (30/
- ✧ Audio (Enable/ Unable)

✧ Frame Counter Stamp (On/Off)



✧ Timestamp (On/Off)

✧ Device ID Stamp (On/Off)

✧ Pre-event Duration (30 sec , 15 sec)

✧ Microphone Sensitivity

✧ Over-write (Disable/Enable)



(3) Pre-motion



- touch  on the screen or press  on remote control to start recording

- touch  on the screen or Press  on the remote control, the setting items appear:

- ✧ Resolution( 320x240 / 640x480 / 720x480 / 1024x768 / 1280x720 / 1280x960 )
- ✧ Quality( 1 / 5/ 15 /20/30)
- ✧ Frame Rate (30/
- ✧ Audio (Enable/ Unable)
- ✧ Frame Counter Stamp (On/Off)
- ✧
- ✧ Timestamp ( On/Off)
- ✧ Device ID Stamp(On/Off)
- ✧ Frame Rate (30/
- ✧ Audio (Enable/ Unable)
- ✧ Frame Counter Stamp (On/Off)



### ➤ Motion Detection

If the recording environment is still, recording will stop, show Detecting.... will appear in the bottom of screen until the environment has some motion, the recording will start again, and the same condition will be repeated.

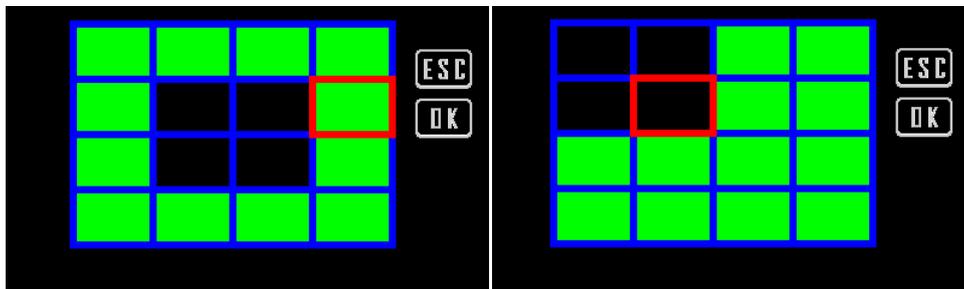


- touch  on the screen or press  on remote control to start recording



touch  on the screen or Press  on the remote control, the setting items appear:

- ✧ Resolution( 320x240 / 640x480 / 720x480 / 1024x768 / 1280x720 / 1280x960 )
- ✧ Quality(Good/Normal/ Low)
- ✧ Frame Rate ( 1 / 5/ 15 /20/25)
- ✧ Audio (Enable/Disable)
- ✧ Frame Counter Stamp (On/Off)
- ✧ Timestamp (On/Off)
- ✧ Device ID Stamp (ON/Off)
- ✧ Display (LCD/TV/BOTH)
- ✧ Motion Detect Duration(30 sec/1/3/5//10 min)
- ✧ Motion Detect Zone



- ✧ Microphone sensitivity
- ✧ Over-write



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➤ **Video Capture** > Capture Image while recording

Touch  on the screen, the captured pictures will be stored in the IMAGE file.

