OLIN®
Live Now

HD Compact Digital
CAMCORDER
DVC-240

USER MANUAL

Table of Contents

OLIN Products: DVC-240

Quick Installation Guide
Designed to make the device setup procedure easier:

STEP 1
Remove the digital video camcorder and the alkaline battery pack from the packaging.

STEP 2
Slide open the battery cover, place three AAA batteries, and close the cover firmly.

STEP 3
Open the SD memory card protection cover and insert the SD memory card properly. And then close the memory card slot cover.

STEP 4
Hold the camcorder with the right hand, and lift up and rotate the LCD display with the other hand. The unit will boot up to the video recording mode automatically.

STEP 5
Press the Menu button to enter the camcorder preference setting pages. Select settings based on your later recording requirements. Press Menu button again to exit the setup pages.

STEP 6
Before shooting please check battery and SD memory card indicator again, to ensure the camcorder is in perfect condition.

STEP 7
Press the red shutter button to start shooting. The shooting time will display on the upper right corner of the LCD display. Press the shutter again to finish this shooting.

STEP 8
Use the ⏎ button to enter playback mode and check the recording.

STEP 9
The camcorder also supports still photo shooting and audio recording. Press M button to switch among video recording, photo shooting, audio recording, and playback modes.

STEP 10
Rotate and close the LCD display to turn off the camcorder.

Note: We do recommend using alkaline or Ni-MH battery for power supply. Please NEVER use different types of batteries or mix-use old and new batteries

1. Overview

Thank you very much for choosing this digital product. Before using the same, please peruse this manual carefully. This unit can not only be used to shoot photos and videos, but also be provided with built-in PC camera functions. For the external SD or MMC cards (32 MB - 8GB), the only thing you need to do is to connect the unit to the computer with USB line and an icon for removable disk will appear on the screen; then, you can copy the photos to the computer directly. If you use the built-in PC camera functions, you can carry out on-line video chatting with others through the Internet.

2. Regular cautions

(1)Before taking important photos (such as wedding ceremony or vacation), please make trial for several times to ensure that the camera is in perfect conditions. Westwell shall assume no responsibility for any extra loss due to the obstacles of this product (such as any loss as a result of lost pictures).
(2)Never use batteries not complying with the provisions in this manual for such use may lead to explosion or leakage of batteries, cause fire, personal injury or defile the battery cabin. When installing the batteries, please pay attention to the poles (+/-) to ensure the correct installation. If the unit is not used for long, please take out the batteries; otherwise, it may lead to explosion or leakage of batteries, cause fire, personal injury or defile the battery cabin. In case of leakage of liquid, please carefully clean the cabin then install the new batteries. If you have touched the leaked liquid, please carefully clean you hands.

(3)If NAND FLASH SD or MMC cards are used to store the photos, the photos will not be lost if batteries are replaced when the unit is in normal power off condition.

(4)Never touch the lens to avoid blur pictures or obstacles of the camera.

(5)Never modify this camera in any way; otherwise, fire, electric shock, serious bodily injury or damage to the camera may occur.

(6)When using this unit, keep away from gas subject to burning or explosion to avoid possible explosion.

(7)In case that liquid or foreign matter of any form comes into the camera, do not use the unit. At this time, please turn the off the unit first then disconnect the power.

(8)When using the flashlight, please keep away from person or animal; otherwise, the same may damage the eyesight.

(9)Never place the camera in places subject to high temperature (such as closed vehicles or place exposed to direct sunshine) or significant temperature difference. High or low temperature is harmful to the internal components of the unit and may lead to fire.

(10)When using the unit in low temperature, the following situations may occur, which are not the obstacles of the unit and the performance may resume to normal usually under normal temperature
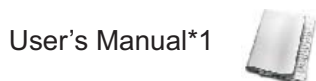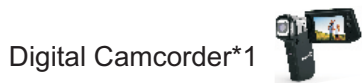
● It takes long to turn on the LCD and the color may be different from the object to be shot.

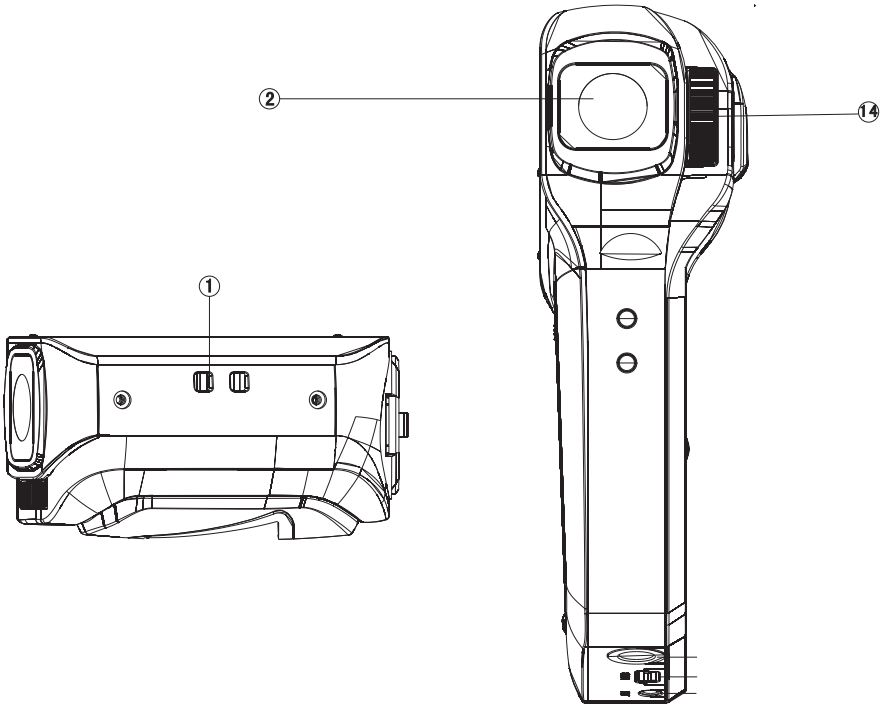● Photogene may appear on LCD if the object to be shot is changed.

3. Packing Contents

Please make sure the following items are included in the package.If any items are missing, please contact your local dealer.
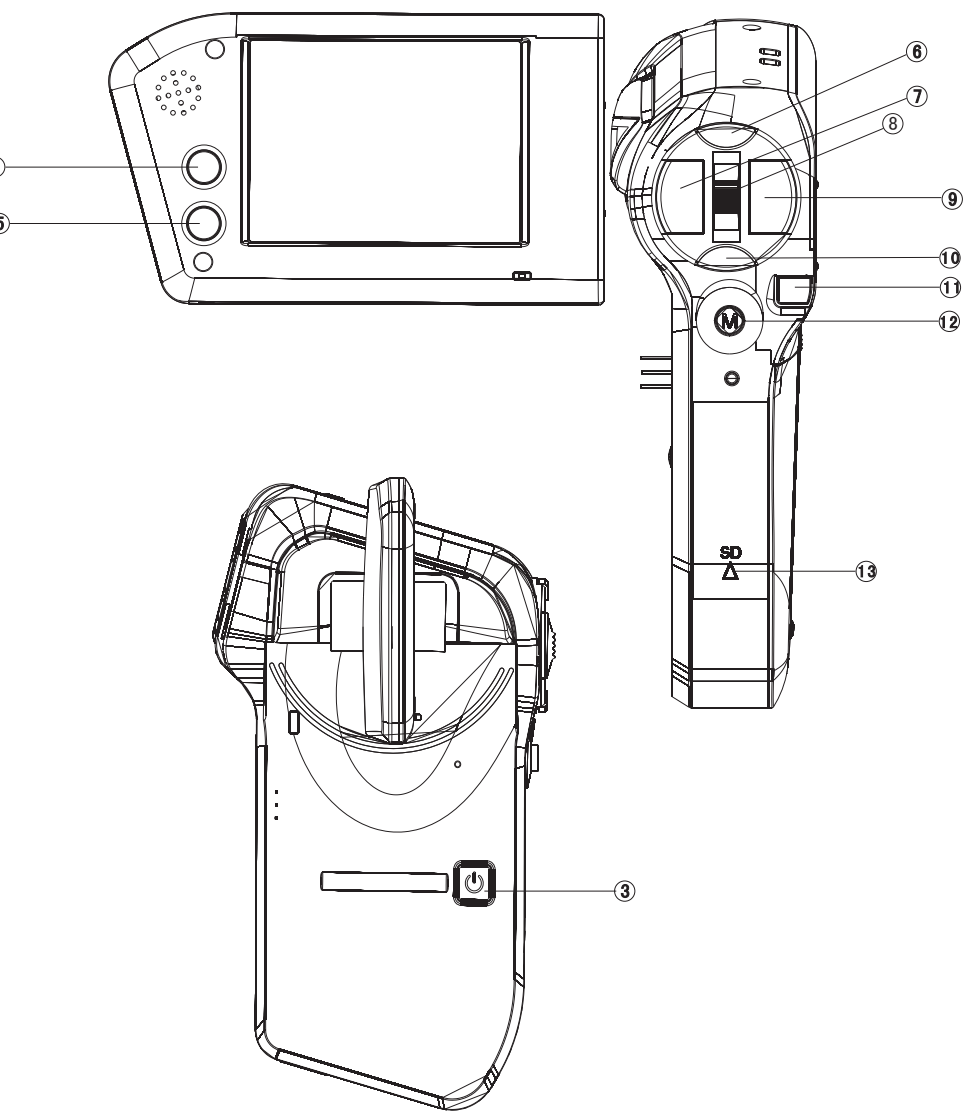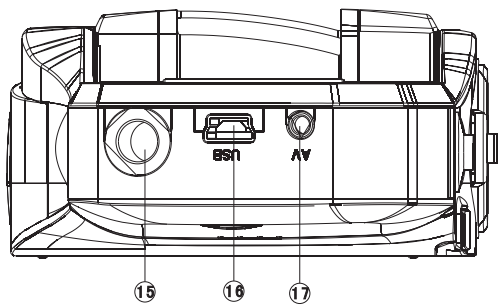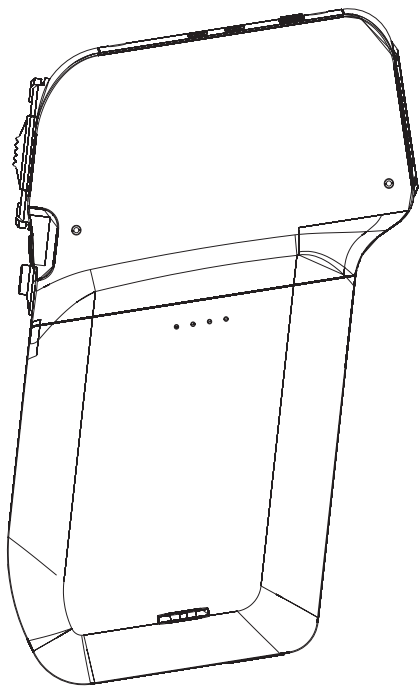
Contains the following components:

Digital Camcorder*1

USB Cable*1

User's Manual*1

Battery*3

AV-OUT Cable*1

Cleaning Cloth*1

Warranty Card*1

CD-ROM*1
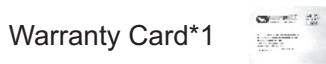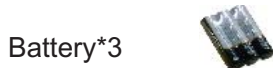
4. Getting familiar with digital video camcorder

SD

USB

A/V

⑮   ⑯   ⑰

1.Wrist Strap Hole

2.Lens(F2.8 f=9.45mm)
Let light through to capture images.

3.Power ON/OFF
Turn the camcorder on/off .

4. ⚡Flashlight key(Only available at the photo shooting mode)
Manually select flashing mode (refer to the LCD indicating ,page 19)

5.DISP Key
Circularly select from LCD display-on with indicating to LCD display-on without indicating ,to LCD display-off.

6.▲ key
- In the video recording mode,manually select the movie definiton (refer to the LCD indicating ,page 20);
- In the photo shooting mode,manually select the shooting mode (refer to the LCD indicating ,page 18);
- In the audio recording mode,press to the pause a running audio .

7. ◻ Shutter
- In the video recording mode,start and stop a video recording ;
- In the photo shooting mode ,press to take a photograph;
- In the audio recording mode, press to start and stop a running audio recording .

8.T/W key
- In recording/shooting mode from far to near.
- In setup mode,to highlight an available option.

9. ← OK/CONFIRM Key
- ■ Directly enter playback mode from recording /shooting modes.
- ■ OK/Confirm key

10.▼key
Change the exposure mode in range of -2.0 to +2.0

11.MENU Menu key
Press to enter system setup pages.
Use ▲/▼ key to switch the submenus,and press Ok to enter a submenu .
Press Menu key to exit the current setting page.

12.Mode key
Switch operating mode from video recording ,to photo shooting ,to audio recording ,and to playback mode ,circuarly.

13.SD Card Slot
Install SD memory card (sold separately)

14.Flashlight
Work in photo shooting mode only.

15.Fixing screw hole
Connect to a standing tripod .

16.USB interface
Connect to computer with an USB cable .

17.AV interface
Use 3.5mm AV cable to send video or image to external display device,such as a TV.

5. Specifications

(1)   Photo resolution: 1) 4000*3000 (interpolation)
        2) 2592*1944   3) 2048*1536   4) 1024*768 5) 640*480
(2)   Video resolution: 1) 1280*720 (HD) 2) 720*480 3) 640*480
        4) 320*240
(3)   Shooting photo mode: single shoot, 3 burst, self-shoot in 2 or
        10 seconds
(4)   Mode: video recording, photo shooting , audio recording and
        playback
(5)   External storage: max. 8G SD/SDHC or MMC cards
(6)   Lens: 5M optic lens with near and far focus
(7)   Focus: 0.5 m to infinitum from camera
(8)   Viewfinder: 2.4" TFT LCD Display
(9)   White balance: auto, daylight, cloudy, fluorescent, tungsten
(10) File format: JPEG, AVI
(11) Computer interface: USB 2.0
(12) Power: AAA battery*3
(13) Flash mode: auto flash, compulsory flash, no flash
(14) Power control: manual switch off; auto switch off (1, 3 ,5
        minutes and None)
(15) Digital zooming: 4 x digital zooming
(16) TV output system: PAL and NTSC
(17) EV: +/-2.0 EV
(18) PC CAM / MSDC Removable disk.

6. Basic functions

(1) Video recording

Upon installing the batteries and open the LCD display, the power indicating light will be on and the turning on image appears on LCD, the system enters video recording mode as shown in the following sketch:

Caution:
the interface of time setting will appear at the first time of start-up, and you may enter into the photography mode after setting time or pressing OK key or menu key. (Time shall be set again after replacing battery)

Press ◘ key to take video and the shooting time is displayed on the upper right corner of LCD. During the process, press ◘ key to stop shooting video.

Press ◀ key to preview the recording .

Press ▲ key to select preferred movie size ,such as HD,720,640 and 320.

Press ▼ to change the exposure mode in range of -2.0 to +2.0

Under video shooting mode, press MODE key the unit will enter
the photo shooting mode as shown in the following sketch:

The total number of photos may be taken and stored in the
external SD memory card is shown on the up right corner of the
LCD display.
Pressing ⬤ key and a click sound from the camera will be given; a
photo is taken and the number on the up right corner will be
reduced by one.
Press ⬅ key to preview the photos.
Press ▲ key to switch among self-shooting in 2, 10 seconds and 3
burst
Press ▼ key to change the exposure mode in range of -2.0 to +2.0

Note:
Press the DISP key once to switch off the display information, press the
key twice to turn of the LCD display; then press again to resume the
normal OSD display.
When the SD memory card is full, the unit cannot take further recordings
or photos and notification, 'insufficient memory', will be displayed on the
screen. You may need to change new memory card.

(3) Audio recording

Under video mode, pressing MODE key twice and the unit enter the audio recording mode, as shown in the following sketch:

In this mode, click ◘ key to start the audio recording; and the recording time is shown on the LCD.

Press ▲ key to pause the running audio recording; Press the key again to continue.Click ◘ key again, audio recording will be stopped

(4) Playback

Under video recording mode, pressing MODE key for three times, the unit enters playback mode, as shown in the following sketch:

Press ▲/▼ key to select the previous or next media file. Note that all files, such as video, photo, and audio files, are stored sequentially.

Press DISP key to enter the thumbnail mode. Use T/W key to move up and down, and use ▲/▼ to move left and right. Then press OK key to go back to full screen mode and press OK key again to play a video/audio recording.

In shooting mode, pressing "T" key, the object may be amplified to 1 to 4; press "W" key and the object may be zoomed out from 4 to 1.

(6) Self-shooting and consecutive shooting
In photo shooting mode, press ▲key once to enter 2s self 🕑 shooting ; pressing the same key twice, it enters 10s self-shooting 🕙 press for the third time, it enters burst 🗇, and for the fourth time, it returns to single shooting mode.

(7) Flashlight ⚡
When press flashlight key in photo shooting mode, the camera will enter the compulsory flash mode . In this mode, the flashlight may need being charged and LCD screen would be turned off for a while. The system indicator keeps flickering till the charging is finished. Then the LCD screen will be normal.

Pressing the key twice, and the camera will exit from flashing mode🚫.

(8) Removable disk
Starting the computer and using USB line to connect the camera and the computer; pressing the power key and at this time, the power indicating light will be on and MSDC shown on LCD , the unit works with the Removable disk (the USB mode shall be set to MSDC mode in system setup).

(9) PC CAM

Please first install the drive from the disc before connecting the camera to PC,after finished,use USB cable to connect the camera to PC,PC CAM is shown on LCD.(the unit must be set to PC CAM unter the USB Mode,or press M key to switch)

(10) Video output function

Inserting one terminal of AV cable to the AV jack of the camera and connect another terminal to the TV; select PAL or NTSC system and, at this time, the LCD display of the unit will be turned off.

(11) Battery power indication

If the icon for battery on the down left corner is only one case, the camera cannot enter flashlight mode while the other functions remain unchanged; when the icon shows the power is fully empty and flickers continuously, the power is insufficient and the system will automatically shut down in 5s.

(12) Date and Time Setting

Date and time would need to be reset after each battery replacement. In the Date & Time setting page, use ▲/▼ keys to move the cursor, and use T/W key to adjust the value. Then press OK key to confirm the setting. The date and time would be used for Date Stamp function.

7. Illustration to the LCD indicating

On the LCD, the information relating to shooting functions and options is shown.

(1) Working mode

Video Recording	Photo Shooting	Audio Recording	Playback

(2) Shooting mode

Off	Self-shooting 2s	Self-shooting10S	Burst
OFF			

(3) White balance mode

auto	daylight	cloudy	fluorescent light	tungsten light

(4) Photometer mode

center point	multi-point	point

1 8

(5) Exposure mode

EV+0	EV+0.3	EV+0.7	EV+1.0	EV+1.3	EV+1.7	EV+2.0
🔲	🔲	🔲	🔲	🔲	🔲	🔲
EV+0	EV-0.3	EV-0.7	EV-1.0	EV-1.3	EV-1.7	EV-2.0
🔲	🔲	🔲	🔲	🔲	🔲	🔲

(6)Flashing mode

Off	Compulsory	Auto flashing
🚫	⚡	⚡A

(7)Number of photos remaining: number

(8) Image quality

extremely fine	fine	normal
🔺	🔺	🔺

(9) Image size

4000x3000	2592x1944	2048x1536	1024x768	640x480
12M	5M	3M	1M	VGA

(10) Movie definition

1280x720	720*480	640x480	320x240
HD	**720**	**640**	**320**

(11) Battery display

full	insufficient	insuficient	lowenergy
▭▭▭	▭▭	▭	⊘

8. Setup menu

(1) Video Recording Mode Settings

In the video recording mode, press Menu key to enter the setup menu shown below and use T/W key to make selection and OK key to enter the submenu, or use Menu key to go back to upper level menu:
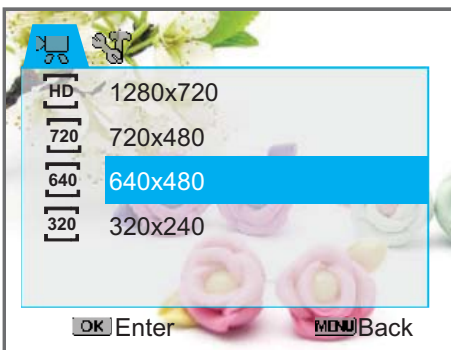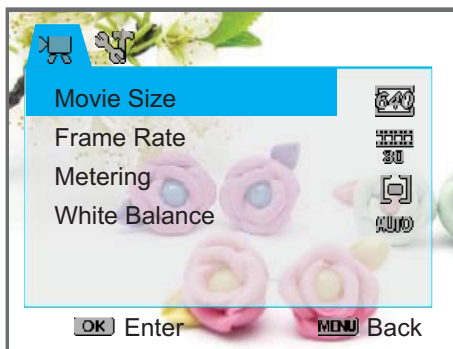
Movie Size:

to set video resolution as 1280x720, 720x480, 640x480(default), or 320x240.

Frame Rate:
to choose video frame rate between High (30fps, default) and Low (15fps).

Metering:
to choose preferred photometer mode as Center, Multi (default), or Spot.
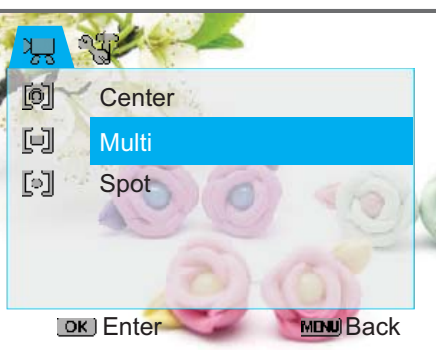
White Balance:
to set auto white balance (default) or manually choose the balance mode for Daylight, Cloudy, Fluorescent, or Tungsten.

22
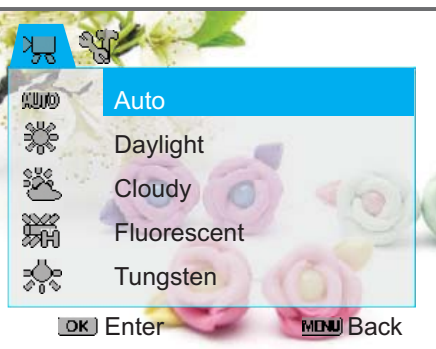
(2) Photo Shooting Mode Settings

In the photo shooting mode, press Menu key to enter the setup menu shown below and use T/W key to make selection and OK key to enter the submenu, or use Menu key to go back to upper level menu:

Resolution:
to set still image resolution as
12M (4000x3000),
5M (2592x1944, default),
3M (2048x1536),
1M (1024x768),
or VGA (640x480).

Quality:
to set the compression level of the still images, such as Super Fine, Fine (default), or Normal.

🎚	Super fine
🎚	Fine
🎚	Normal

OK Enter   MENU Back

Metering:
to choose preferred photometer mode as Center, Multi (default), or Spot.

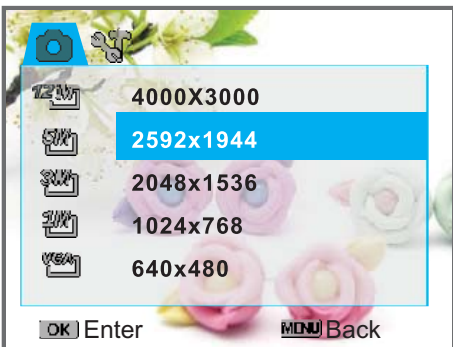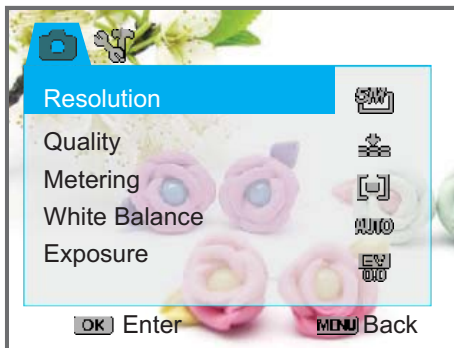|	
[●]	Center
[▣]	Multi
[◈]	Spot

OK Enter   MENU Back

White Balance:
to set auto white balance (default) or manually choose the balance mode for Daylight, Cloudy, Fluorescent, or Tungsten.

AUTO	Auto
☀	Daylight
☁	Cloudy
🌢	Fluorescent
☀	Tungsten

OK Enter   MENU Back

2 4
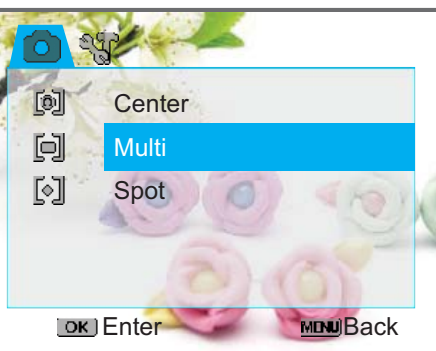
Exposure:
to adjust the exposure value for light or dark images. The range of exposure level is between -2.0 and +2.0. The positive values are for back light, backlit portraits, or text; the negative ones are for spot lighting, reverse text, or low lighting.
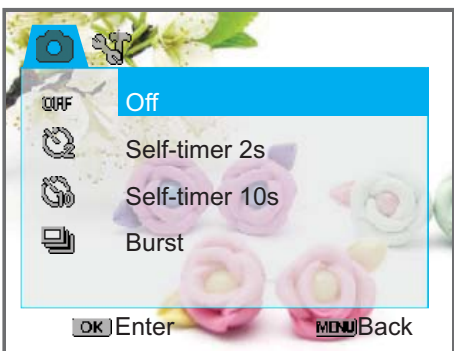
Driver Mode:
to turn off the self-shooting (default) or set self-timer as 2 seconds or 10 seconds. A burst shooting mode is also available.

Effect:
to add a color effect to the still images or to turn the effect off (default).The effects include B&W, Sepia, Negative, Red, Green, and Blue.

2 5

Date Stamp:
to set date stamp mode showing date only, or both date and time. The default is off.

(3) Playback Mode settings

In the playback mode, press Menu key to enter the setup menu shown below and use T/W key to make selection and OK key to enter the submenu, or use Menu key to go back to upper level menu:
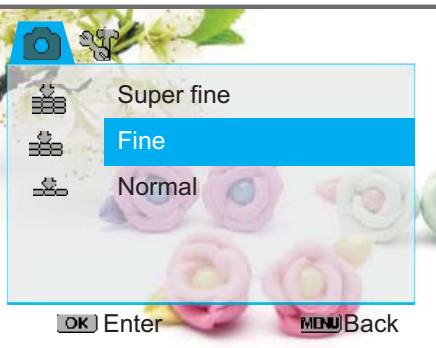

| Lock |
| Delete |
| Effect |
| Rotate |
| Resize |

OK Enter   MENU Back

| Lock /Unlock one |
| Lock ALL |
| Unlock ALL |

OK Enter   MENU Back
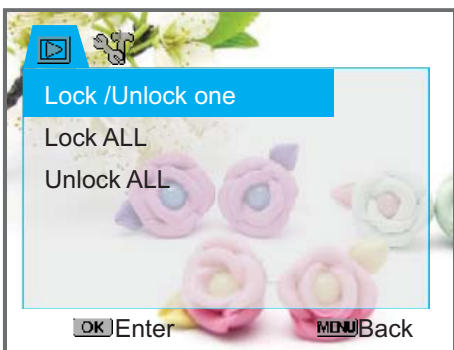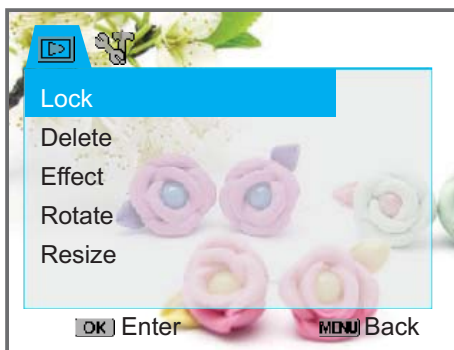
Lock:

To lock video/audio/image files and prevent them being deleted. It shows a Key icon at the top left corner of the screen if the file is locked.

• Lock/Unlock One, to lock an unprotected file or unlock a protected file;

• Lock All, to set all files under protection;

• Unlock All, to release all files from protection status.
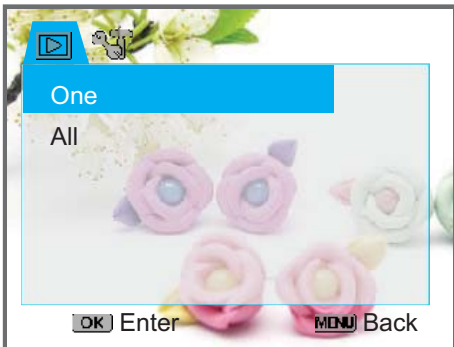
Delete:

To remove the file from the memory card or internal memory.

• One, to delete the current file;

• All, to delete all files from the memory.

OK Enter   MENU Back
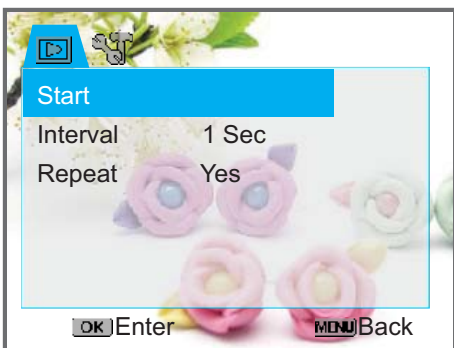
Slide Show:

To display still images at a selected interval (default: 1 sec).

• Start: select it to start the slide show;

• Interval: use ▲/▼ key to adjust the slide show interval from 1 sec to 10 sec.

• Repeat: use ▲/▼ key to switch repeat mode on/ off.

OK Enter   MENU Back

2 8
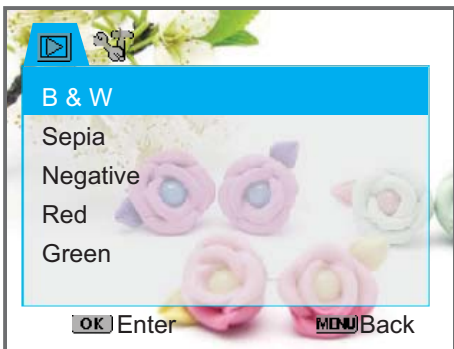
Effect:

To add display effect to the current still image, including B&W, Sepia, Negative, Red, Green, Blue, Binarize, Sunset, Cold, and Contrast. Note that it will generate a new image file when you apply an effect on the current still image.

B & W
Sepia
Negative
Red
Green

OK Enter   MENU Back

Rotate:

To clockwise rotate the current still image by 90 degree. It will generate a new file at the end of file list if you Save a rotated image. Select Back to exit to the rotation function.

Rotate
Rotate
Save
Back

OK Enter
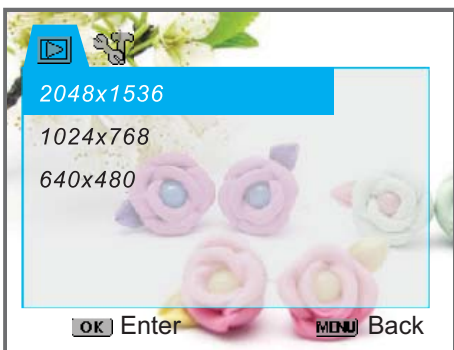
Resize:
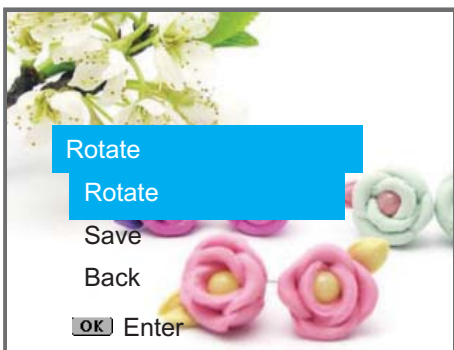
to change the resolution for the current still image. This operation will generate a new file at the end of file list.

2048x1536
1024x768
640x480

OK Enter   MENU Back

Voice Memo:

To record a voice memorandum for a selected image. After the voice recording there will be a voice memo indicator shown on the left of the screen. In addition, a video file will appear at the end of the file list

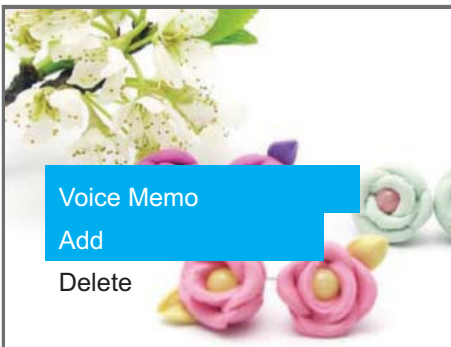Voice Memo
Add
Delete

Note: For any image file with a voice memo, the memo needs to be deleted first before adding a new one.
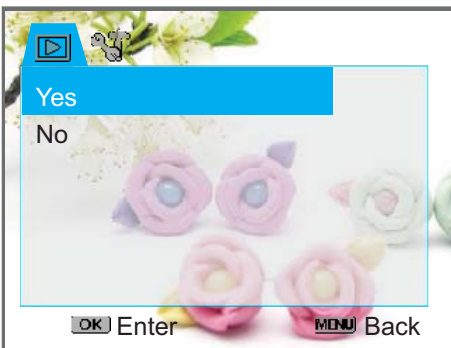
Start-up image:

To set a selected image as personal start-up image for the camcorder. Note the selection takes effect only the system Start-up Image setting is as **My Image**(refer to the System Setting options)

Yes
No

OK Enter   MENU Back

3 0

(4) System setup

In any mode press Menu key to enter setup pages, then press ▲ to enter system settings.
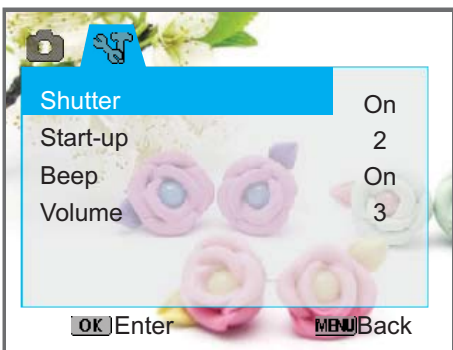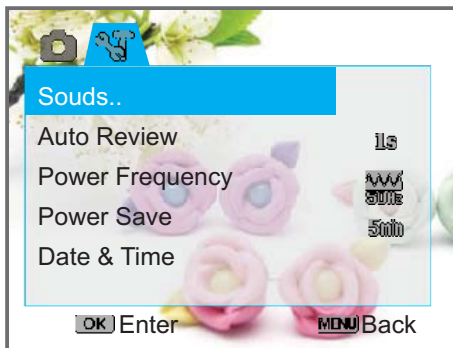

Sounds:

To set up sound related options, such as shutter sound, startup tone, button beep, and playback volume. Use ▲/▼ key to adjust the settings.

• Shutter: to switch the sound of shutter On/Off.

• Start-up: to choose start-up tone or turn it off.

• Beep: to turn the key beep sound On/Off.

• Volume: to adjust playback volume setting.

3 1

Auto review:
To set the delayed time for auto review function, or turn the function off.

Auto power off:
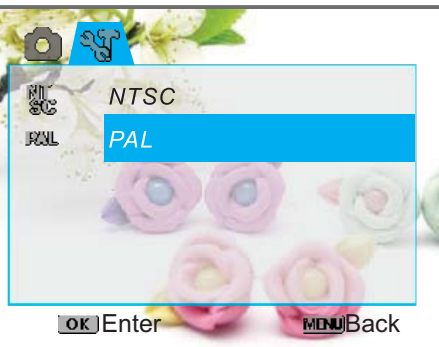To set up auto power off timer as 1min, 3mins, or 5mins.

Date and time:
To set up auto power off timer as 1min, 3mins, or 5mins.

32

TV OUT:
To select the AV-Out TV system, either PAL (default in Australia) or NTSC.

USB:
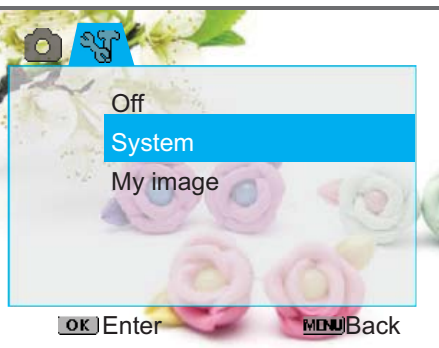To adjust the USB device mode as MSDC (Massive Storage Device Class) or PC CAM
Note the PC CAM function may work with the software provided with the unit.

Start-up Image:
To select start-up image source as System or My image.

• Off: turn off the start-up image display;

• System: use factory default image as start-up logo;

• My Image: use personal still image as start-up logo

3 3

Format

To format the current used memory, internal memory or SD memory card.

Note: the format commend will delete all files in the memory. Be careful of this action.

Reset All

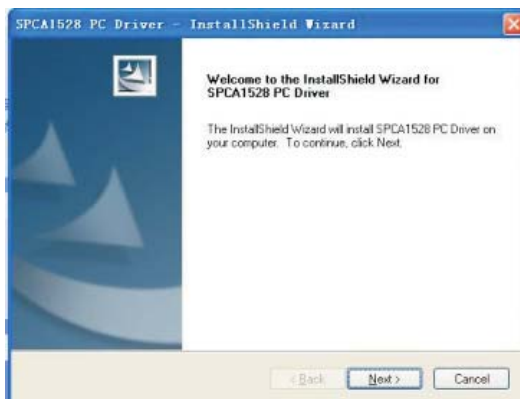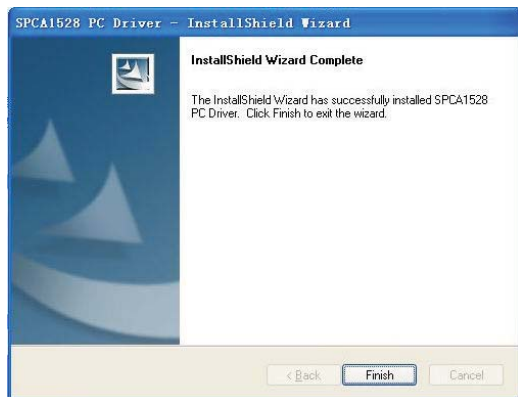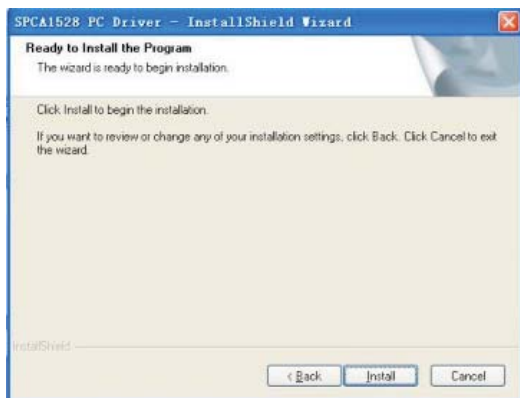to restore factory default settings

9.Installation of drive software

Inserting the CD-ROM disc into the drive then double click "my computer",click "CD-ROM" and double click "Setup" ,it will appear "Installshield Wizard",click "Next" and "Install" and "Finish".The installion will be completed.

! Before connecting the camera to computer, **the camera driver program must be installed first.**

0. Questions and Answers

Correlative Approach	Symptom	Solution
Video/photo	Press "shutter" key without Video or photo	1. The battery is low power, please change new battery. 2. You don't turn the right mode, please check and correct. 3. Please open DV again. 4. The memory card is full, please cancel useless files or change memory card.
Turn off automatically	DV turns off automatically	1. Beyond 60 seconds or 2 minutes saving power setting. 2. The battery is without power.
Battery	Exhaust battery power quickly	1.Temperature is low. 2.The battery power is low before using. 3.Flash mode exhausts power quickly.
DV and Battery	DV or Battery is extra hot	Use the DV for a long time
Pictures	The pictures are unclear	1. You can adjust Expose Value. 2. When you are using the DV unsteadily
Delete	Con't delete files	Lock the files , please open the lock and then delete
SD Card	Don't operate SD Card	SD Card is protected, you can cancel protection and then operation.
	SD Card don't be inserted	Direction is wrong
Time	Time is wrong	Time setting is wrong , please set it again
Downloading	Can't download AVI/JPG	Your computer's system is windows 98, don't install driver, please install driver and then to download

Copyright

This manual contains information protected by copyright law.
No part of this document may be used or reproduced in any form or by any means, or
stored in a database/retrieval system without prior written permission from us.
The information of this manual is based on the current version of the product.
We reserve the right to alter the content without prior notice.
All brand names in this manual are the property of their respective owners.

Need some help?
Call our toll free
Customer Helpline today!

FREE CALL | **Customer Helpline** ☎ **1800 656 630**

Or visit our website

www.olinlivenow.com.au

WESTWELL
CONNECTING EAST TO WEST