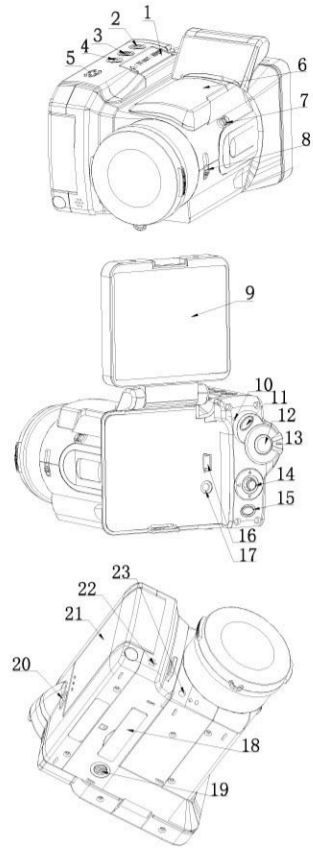


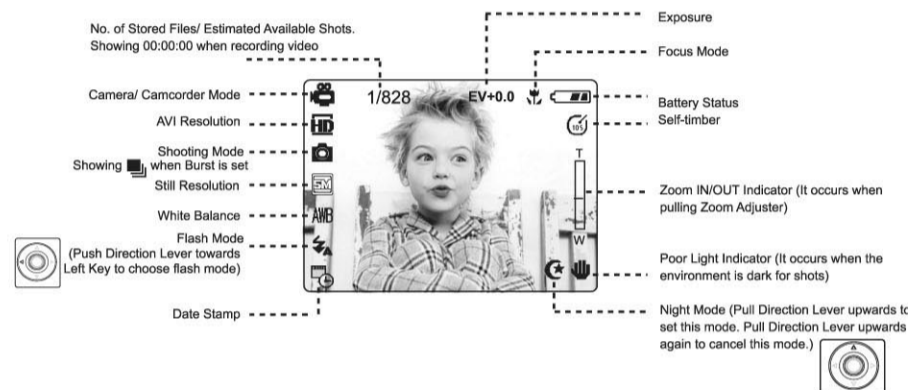
# Quick Guide

## 1. Illustration



1. Cover for Earplug/ AV OUT/HDMI Interface
2. Shutter Button
3. Playback Button
4. Power Button
5. Speaker
6. Flashlight
7. Flashlight Pop-up Button
8. Focusing Button
9. Color LCD
10. Power Indicator Light
11. Menu Button
12. Camcorder/OK Button
13. Zoom Adjuster
14. Direction Lever
15. Mode Button
16. USB Interface
17. AV IN Interface
18. SD Card Cover
19. Fixing Hole for Tripod
20. Release Button for Battery Box
21. Battery Box
22. Microphone
23. Self-timer Indicator Light

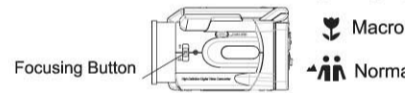
## 5. Camera/ Camcorder Mode



- Camera Mode
- 1. Press Shutter Button fully down to shoot a photo.
- 2. Before pressing Shutter Button, pulling Zoom Adjuster can zoom in or out the image.

### Note:

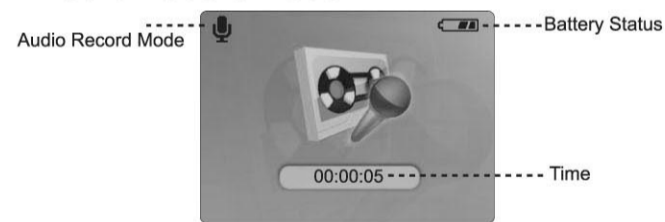
1. It's suggested that the best setting for Still Resolution is 2592\*1944. (i.e. 5M)
2. Under Camera/ Camcorder Mode, Press Menu Button to enter into menu, pull Direction Lever to choose certain item and press OK Button to finish certain setting if needed.
3. Focus Mode  
Macro: Proper range is from 30 - 50cm  
Normal: Proper range is from 1.5m - infinity  
Please choose proper mode and proper distance between the device and target to get good photos.



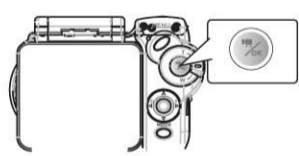
4. When Poor Light Indicator occurs on LCD, it's suggested that Auto flash or flash on should be used to compensate for light, and tripod should be used to avoid shaking. Please pay attention that the proper range for flash is from 1m-3m. Before using the flashlight, please do make sure to make the flashlight pop-up by pushing Flashlight Pop-up Button.

- Camcorder Mode
- 1. Press Camcorder/OK Button to start to shoot a video. Press Camcorder/OK Button to stop recording.
- 2. During recording, pulling Zoom Adjuster can zoom in or out the image.

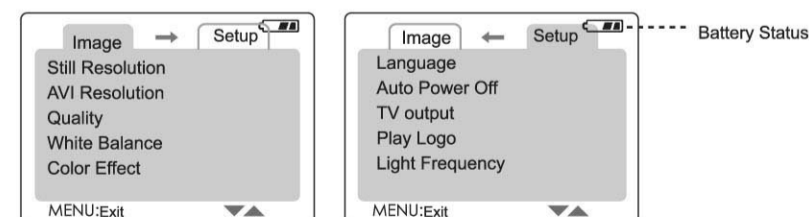
## 7. Audio Record Mode



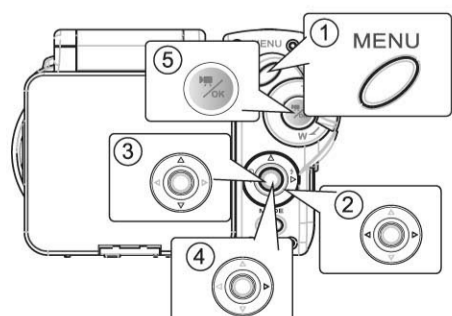
Press Camcorder/OK Button to start to record. Press Camcorder/OK Button again to stop recording.



## 9. Setting Mode

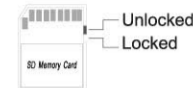


1. Under Camera/Camcorder Mode, press Menu Button to enter into menu.
2. Pull Direction Lever towards Right Key to enter into setup menu.
3. Pull Direction Lever upwards or downwards to choose certain item among setup menu.
4. Pull Direction Lever towards Right Key or press Camcorder/OK Button to enter into certain item.
5. Pull Direction Lever upwards or downwards to choose certain setting. Press Camcorder/OK Button to set certain setting.



## 2. Install the battery and SD card

- 1) Please install the battery into the battery box according to illustration ①.
- 2) Please install the battery box onto the device according to illustration ②.
- 3) Please insert SD card into the SD Card Slot according to illustration ③.



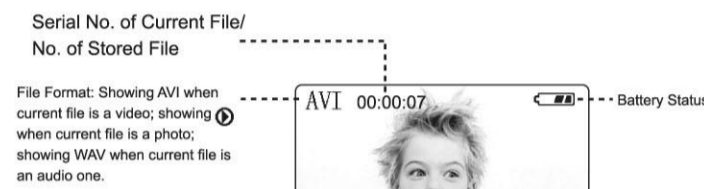
## 3. Switch on or off the device

Press Power Button to turn on the device. Press Power Button again to turn off the device.

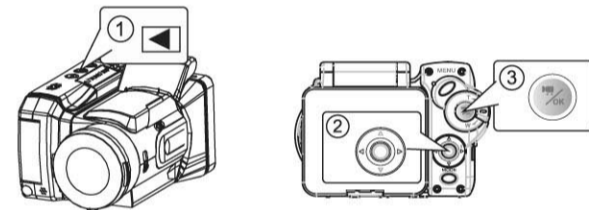
## 4. Change modes

Press Mode Button continuously to switch over modes, including Camera/Camcorder Mode, Audio Record Mode and Music Mode.

## 6. Playback Mode



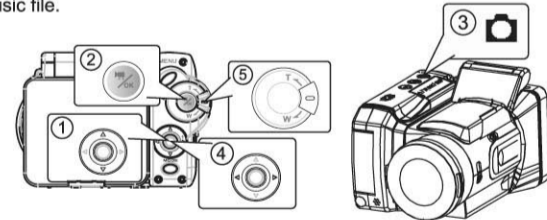
1. Press Playback Button to view the stored photos, videos and audio files. Press Playback Button again to return previous mode or press Mode Button to set other mode.
2. Pull Direction Lever towards Right Key or Left Key to choose certain stored file.
3. Press Camcorder/OK Button to play video or audio file.
4. Under Playback Mode, press Menu Button to enter into relevant menu to conduct certain setting if needed.



## 8. Music Mode

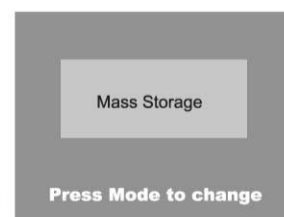


1. Pull Direction Lever to choose certain music.
  2. Press Camcorder/OK Key to play the music. Press Camcorder/OK Key again to pause.
  3. Press Shutter Button to stop playing.
  4. Pull Direction Lever to Right Key or Left Key to adjust the volume.
  5. Pull Zoom Adjuster (T/W) to switch over current music to next music or previous music.
- Note: Please set up a folder named "MP3" in memory first and then put music file into the folder. Only after that, the device can read the stored music file.



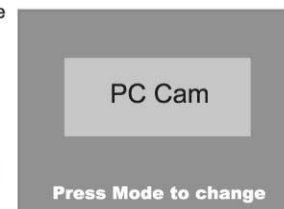
## 10. Mass Storage Mode

1. Press Menu Button and pull Direction Lever towards Right Key to enter into setup menu.
2. Pull Direction Lever downwards to choose USB Mode, press Camcorder/OK Button to enter into submenu.
3. Choose Mass Storage and Press Camcorder/OK Button to set it.
4. Turn off the device and connect it to a computer with USB cable. In this mode, after turning on the device, the stored images can be downloaded from the device to the computer.



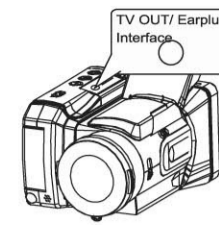
## 11. PC Cam Mode

1. Please install "PC CAM DRIVER" to the computer.
2. Press Menu Button and pull Direction Lever towards Right Key to enter into setup menu.
3. Pull Direction Lever downwards to choose USB Mode, press Camcorder/OK Button to enter into submenu.
4. Choose PC Camera and Press Camcorder/OK Button to set it.
5. Connect the device to the computer with USB Cable.

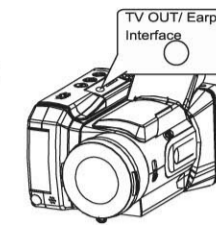


## 12. Audio-visual Function

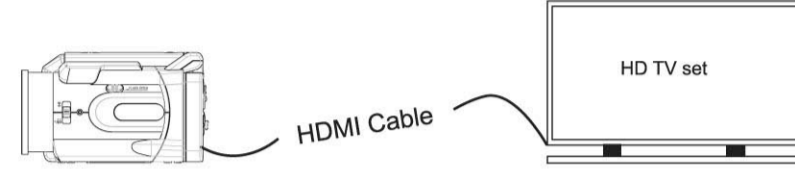
- Earplugs
- 1. Insert the port of earplugs into Earplug/ AV OUT /HDMI interface
- 2. Set Earplug option for the device
- 3. Play certain music file to listen music through earplugs.



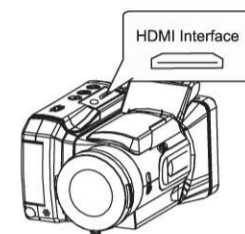
- Output audio-visual
- 1. Insert one port of AV cable into Earplug/ AV OUT /HDMI interface
- 2. Set right setting for TV Output of the device
- 3. Set Playback Mode for the device to play audio-visual



## 13. HDMI Output Function

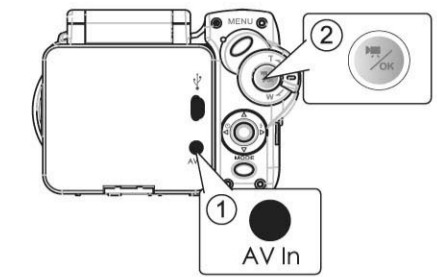


Connect the device to HD TV set, set HDMI function for the TV. Then video with HD resolution (1280\*720) can be played on the TV.  
Note: The TV set should have port for HDMI input.

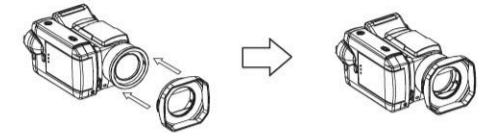


## ● Input audio-visual

1. Insert one port of AV cable into AV In interface and insert other ports into the corresponding ports of TV set.
2. Press Camcorder/OK Button to start to record.



## 14. How to use sunlight rejection filter

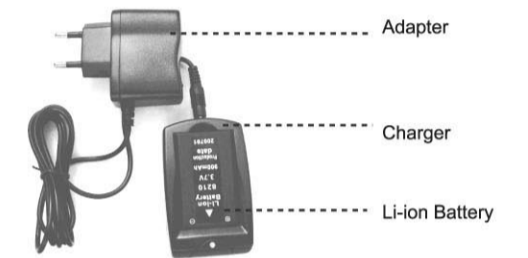


When fixing the sunlight rejection filter onto the camera, please make sure that the two clips of sunlight rejection filter are in alignment with the two square slots of lens circle.

Functions of sunlight rejection filter:

1. Under the condition of backlighting, sidelight or flash, it can prevent useless light for imaging from entering into the lens and avoid mist.
2. Under the condition of frontlighting and sidelight, it can stop scattered light from entering into the lens.
3. Under the condition of lighting and nighttime, it can avert disturbed light from entering into the lens.
4. It can guard against unexpected damage for the lens, prevent fingers from touching the lens by mistake and partly keep out the wind, sand, rain and snow.

## 15. Illustration for charging the Li-ion battery



## 16. Menu

Camera/ Camcorder Mode	
Still Resolution	4000x3000, 3264x2688, 2592x1944, 2048x1536, 1280x960
AVI Resolution	HD(1280*720); VGA(640*480); QVGA(320*240)
Quality	Super; Fine; Normal
White Balance	Auto; Day Light; Tungsten; Fluorescent; Cloudy
Color Effect	Color; Sepia; Monochrome
Exposure	+2.0EV, +1.5EV, +1.0EV, +0.5EV, +0.0EV, -0.5EV, -1.0EV, -1.5EV, -2.0EV
Date Stamp	Disable; Enable
Self-timer	Disable; 10 SEC; 20 SEC
Burst Snapshot	Single; Burst
Audio	Enable; Disable
Setting Mode	
Language	Multi-languages including English, Chinese, etc.
Auto Power Off	Disable; 60 SEC; 20SEC
TV Output	NTSC; PAL
Play Logo	Enable; Disable
Light Frequency	50Hz; 60Hz
Date/Time	Set according to local date and time.
Buzzer	Enable; Disable
Format	Yes; No
Default Settings	Load; Exit
USB Mode	Mass Storage; PC Camera
Firmware Version	Info. of software version

## 17. Specification

Item	Specification
Sensor	5.0 Mega CMOS Sensor
Lens	F3.0, f7.45
Digital Zoom	8X
Focus Range	Macro: 30cm - 50cm; Normal: 1.5m - infinity
Exposure	-2EV ~ +2EV
White Balance	Auto, Day Light, Tungsten, Fluorescent, Cloudy
Screen	2.5" Color LCD (960 x 240 Pixels)
Built-in Flashlight	Yes (Effective range of flash is from 1m to 3m)
Record Format	Still: JPEG; Video: AVI; Audio: WAV
Still Resolution	1M(1280 x 960); 3M(2048 x 1536); 5M(2592 x 1944); 8M(3264 x 2688); 12M(4000 x 3000)
AVI Resolution	HD (1280x720), VGA(640x480), QVGA(320 x 240)
Frame Rate	30fps
Multimedia Function	MP3 Player
Memory	Internal Memory: Built-in 17MB Flash Memory External Memory: Support SD Card (Up to 8GB SD Card)
Interface	USB: PC Cam/ Mass Storage(i.e. Removable Hard Disk) Audio-visual Input, i.e. recording TV programs Audio-visual Output: HDTV (HDMI Output; AV Output (NTSC/PAL for Option)); @3.5mm Earplugs
Burst Snapshot	Yes
Self-timer	10 SEC/20 SEC/Disable
Working Current	350mA-500mA
System Request	PC: Windows 2000/XP/Vista
Dimension	About 119.3mm* 58.3mm* 19.1mm
Weight	About 145g

Product design and specification are all subject to any change without prior notice.