PARTS IDENTIFICATION

01. Shutter Button
02. Right Lens
03. 2D/3D switch Button
04. Power Button
05. Left Lens
06. Speaker
07. Terminal Cover
08. Microphone
09. Self-Timer Lamp
10. Flash

11. Flash indicator
12. LCD Monitor
13. Power indicator
14. Zoom scale
15. Lanyard hole
16. Mode
17. Self-timer setup/left
18. Screen display/up
19. OK
20. Flashlight/up
21. Delete/down
22. Battery cover lock
23. Battery cover
24. Parallax setup
25. Menu
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THE CAMERA FEATURES

3D imaging method and function

The camera simulates human eyes by adopting double lens and dual sensor to obtain realistic natural 3D images, realizes seamless transition of images received simultaneously from both channels, and shows naturally beautiful 3D and 2D images through 3.0” stereoscopic LCD. Just toggle the button on top of camera when using to switch freely between 3D and 2D functions.
### Specifications and parameters

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<td>Compact digital camera</td>
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<td><strong>Sensor size</strong></td>
<td>1/2.5&quot;</td>
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<td>Parallax Barrier 3.0&quot; Screen/TFT</td>
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<td><strong>Display color</strong></td>
<td>262K</td>
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<tr>
<td><strong>Max. Image</strong></td>
<td>12 megapixels (4200x2800) (interpolation algorithm)</td>
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<td><strong>Max. Video</strong></td>
<td>HD(1280x720@30FPS)</td>
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<td><strong>Picture Definition</strong></td>
<td>12M(4200X2800), 8M(3450X2300), 5M(2700X1800), 3M(2100X1400), 1M(1200X800),</td>
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<td><strong>Video resolution</strong></td>
<td>HD(1280x720), WVGA(848x480), HVGA(480x320)</td>
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<td><strong>Language</strong></td>
<td>Simplified Chinese/English/German/Japanese/Korean/Italian/Spanish/Arabic/French/Russian</td>
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<tr>
<td><strong>Battery</strong></td>
<td>3.7V, 1150mAh lithium battery</td>
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<td><strong>Power Supply</strong></td>
<td>5V, 0.5A</td>
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<td><strong>Dimensions</strong></td>
<td>110.8x69.8x18.1(25.5)mm</td>
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### Quick Start Guide

**Slipping lanyard**

1. Slip the front end of lanyard line into lanyard hole.

2. As shown in the figure, pass the end of lanyard through the front of lanyard, and tighten them.
Insert Micro SD card

1. Open the terminal cover.
2. Insert the Micro SD memory card into card slot putting the side with metal contacts down.
3. Close the terminal cover.

Note: 1. when using Micro SD memory card, the built-in memory will be disabled.
2. To remove the memory card, just push it inwardly and then the card can pop up.

Insert battery

1. In the direction of arrow, slide the knob on battery cover that will automatically pop up.
2. Please insert the battery into the battery slot in correct direction.
3. Push the lock button to locked position after fastening the battery outer cover up.

Note: If removing the battery, please toggle the battery clips along the direction of diagram, the battery cover will automatically bounce up.
Turn on/ turn off camera

1. Press the power button on top of camera for a second to start up/ boot.

2. The power indicator is on after turning on the camera to enter photographed working mode.

Note: In startup mode, hold the power button again for two seconds to switch power off. If sudden restarting actions occur occasionally in camera working mode, this is a normal phenomenon beyond malfunction scope.

Charge

1. When battery symbol in upper right of camera display screen shows empty, the battery needs to be charged.

2. Open the terminal cover as shown.

3. Insert the adapter terminal into the camera's Mini USB port for charging, and you can also first connect the camera to computer with USB cable to charge the camera.

Note: The power indicator is only red during charging, and the indicator goes off when fully charged. Please don't turn on the device when it is charging. Do not turn on the camera to operate it during charging.
Connecting to PC

1. Connect USB cable to PC through Mini-USB socket on camera.
2. PC can directly copy or delete the contents in memory card by connection, and the multimedia contents in PC can also be copied to memory card.

Note: The operating system can be WINDOWS/WINXP/VISTA/WIN7 and the above system. When you connect the computer, please, connect the USB first and then open the camera.

Connecting to High-Definition TV with HDMI port

1. Turn on the high-definition TV, switch it to HDMI input mode, and then connect the standard end of HDMI cable to TV.
2. Turn on the camera, and insert the MINI end of HDMI cable into the MINI HDMI interface of camera.

Note: HD video can’t be recorded in HDMI output mode
SHOOT AND VIEW STEREOSCOPIC IMAGES USING THE CAMERA

Quick shoot

1. Hold the camera correctly, and when taking photos with camera, be careful not to let your fingers block the lens part, flashlight transmitter or speaker.

2. Half press the shutter key continuously, green focusing frame will be seen on the middle of the screen and a "droplet" voice will be sent out. But the image is not shoted. At this time press the shutter fully and the device sent out shutter voice, image will be recorded on the memory.

Note: When shooting image or recording video, the red indicator of flash light will flicker.

3D viewing by camera

Restricted by the grating 3D display technology, if the viewing distance and angle are wrong when using the camera, you may not see 3D effect. Please operate in accordance with the following method when shooting as well as finding a view or browsing pictures, convenient to find the best visual angle for viewing 3D conveniently.

1. As shown below, hold the camera firmly with both hands, and place the camera about 40CM away from eyes.

2. As shown in figure, slightly rotate the camera left and right, and the best 3D effect observed through the screen is the best viewing angle of 3D display.
Take the best three-dimensional images

To have a strong 3D effect of images, please place the camera 1.5 meters away from the subject.

Viewing stereo images using 3DMP

1. Insert the Micro SD card into SD adapter as shown.

2. As shown in figure, insert the SD adapter with Micro SD card into SD card slot to view video and audio files through 3DMP.
How to view stereo images on the ordinary monitor

The left and right 3D images displayed on the ordinary monitor

View by 3D viewing screen mirror.

The viewed 3D effect

3D images display as left-and-right 3D format images on the ordinary flat panel, and you can see flat images are reduced to 3D images by putting on 3D viewing screen mirror.

FUNCTIONAL DESCRIPTION

Function mode

Camera system has various modes such as taking photos, recording video, system setup and browsing management files, the specific operation is as follows:

When turning on the camera, the system enters camera mode by default (see figure above on the left), under which the camera can capture still images. Then press the button to access Browsing Management Files mode, where you can only view management images files.
Press mode button to enter Video mode, and you can record video files in this mode. At this time, press button to access Browsing Management Files mode, where you can only view management videos files.

Press mode button again to enter System Settings mode, where you can set language, time and output, etc.

Switching between 2D and 3D

When you shoot 3D images or record 3D videos, please toggle the pushbutton on top of the camera to 3D position. Also, when you shoot planar images or record plane videos, please toggle the pushbutton on top of the camera to 2D position.

3D Depth of Field Adjustment

In shooting 3D images and videos, press Parallax Adjustment button to enter the 3D adjustment mode, press Left and Right button ( and ) of five direction button to adjust the relative positions of two images. When achieving satisfactory 3D effect, press Parallax Adjustment button again to end 3D adjustment and save settings automatically.
Screen Display Button

When filming, press $\mathbb{C}$ button. Press the button for first time, the icons on screen will all display. Press it again, all icons will disappear. Press it for third time to enter power-saving mode with the screen shutting down, but then the camera is still at work and can do recording work. Press the button for fourth time, the screen returns to normal.

Exposure Compensation

You can set the camera’s exposure value on your own. You can use this function when you can’t get a proper exposure. Value can be set in the range of +2.0 EV to -2.0EV with 1/3EV as increment. Press $\mathbb{C}$ button when finding a view for shooting images, the exposure value will become yellow.

Then press $\mathbb{O}$ and $\mathbb{C}$ button to adjust exposure up and down, after which press OK button to exit

### SIMPLE TROUBLESHOOTING

1. Cannot take pictures as well as videos and record?
   Change the resolution, image quality or frame rate setting or replace the memory card with enough space and check whether the memory card is locked as well as deletes some files.

2. The indicator doesn’t light when charging?
   Insert the battery in correct direction, make sure the AC power supply has been powered on and plug the power adapter in place.

3. The flash fails to be enabled?
   In shooting a photo, the flash cannot be enabled when the battery charge is insufficient.

4. How to shoot a better picture?
   Please shoot by using the tripod socket and under dim lighting conditions, shoot by using flash or using lighting to increase light.

5. The photos taken are not clear?
   Please check whether there is dirt on the lens, and please wipe the lens clean before re-using.

6. Storage space is not full but taking videos is not available?
   When storage space is less than 4 trillion, you cannot take videos with prompting no space.

7. If the camera can not be turned on occasionally, please take out the battery and put it in again. If this still can not work please recharge the battery.
LED light Instructions

Self-timer Lamp and Self-timer Settings

In shooting mode, press [Self-timer Settings] button to customize self-timer time. Self-timer settings have four choices: off, 2 seconds, 10 seconds and 20 seconds. If you set self-timer time, the camera start timing and the self-timer lamp start blinking after pressing Shutter button. With the shooting time approaching, the blinking is also from slow to rapid to prompt you make ready for shooting.

Power Indicator

1. When turning on the camera, power indicator is in a status of green light.
2. When charging the camera, power indicator turns red. Light will turn off once charging is completed.

Flash Indicator

1. After turning on the flash, the flash capacitance enters charging state and the flash indicator turns red as well as blinks with no shooting actions at this time. The indicator turns green after the battery is fully charged.
2. In shooting an image mode, when storing images, the indicator turns red as well as blinks, representing the camera in a busy state. When the indicator returns to normal, you can shoot next image.
3. In recording a video mode, the indicator is in a state of turning red and blinking during recording. The indicator will turn off after recording is completed.

Note: When the battery power is low, the flash light will be unavailable and the best distance is 2M for the flash light to fill-in light.

Delete Button

In images or videos playback, press Delete button to delete image files quickly.

Note: When browsing the video clips, please stop playback before deleting any files.

Digital Zoom

Digital zoom can facilitate your better composition, press button to zoom in or zoom out the angle of view scope.

Note: When shooting stereo images, the digital zoom is invalid.