

PDF Compressor Free Version

Digital Camera



USER GUIDE | 中文说明书

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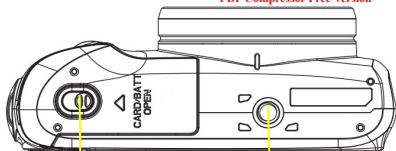
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Get to Know Your Camera

FRONT

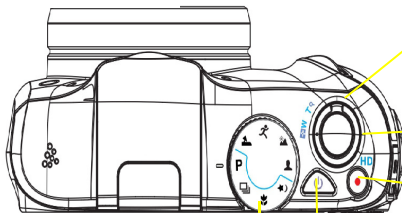






Battery/SD Card
Compartment Toggle

Attacco per il treppiede



T/W digital Zoom Slider

Photo Capture Button
(Photo Mode)

Video Capture Button (Video Mode)

Scene Switch

Power Button

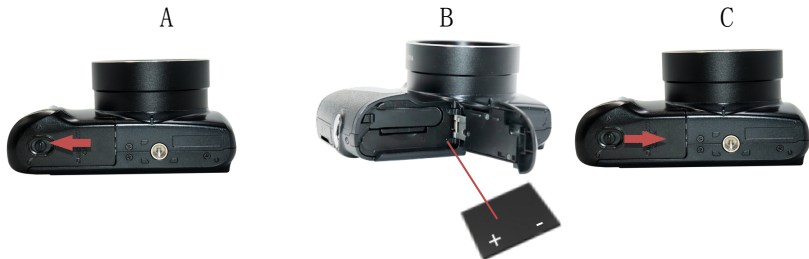
How to Use Your Camera

Installing and Changing the Battery

According to above direction of arrow, move the battery compartment toggle (A) to open up the battery door.

According to the positive/negative pole on the battery, install the battery into battery compartment.(B)

Lid the battery cover, move the battery compartment toggle (C) to close down the battery door.



Installing and Changing the SD Card

Put the SD card backwards to the screen, insert to the card slot.

Press the SD card inward to take out the card.

Note:

- *No photo or video can be taken without SD card.*
- *A “Click” can be heard during inserting and popping out the SD card.*
- *The camera may not recognize a card which speeds less than class C10 or not being formatted in another device(e.g. computer). Please format the card in the camera.*



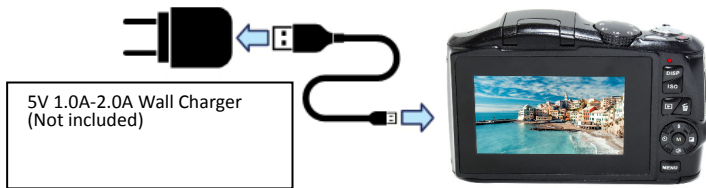
Press inward to pop out the card

Charging Your Camera

1. Open the USB Port Cover.
2. Connect a Type-c USB Cable to the camera, then to a wall charger.
3. The Indicator Light will illuminate red during charging, and shut off once fully charged.

Notes

- If use wall charger to charge the camera, photo and video are allowed to take during charging. Connecting to computer will make the camera to be a webcam or storage media. It is recommended not to use a connected computer to charge the camera, because the current and voltage are not enough and it will take a long time to fully charge.









Turning Your Camera on and off

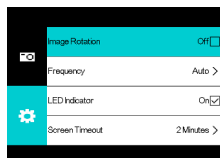
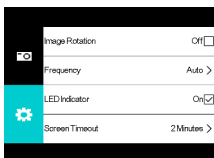
Press the Power Button, indicator light will turn on, camera powered on, display on.




Press the Power Button again. Indicator light will turn off. Camera powered off.

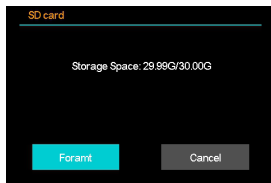
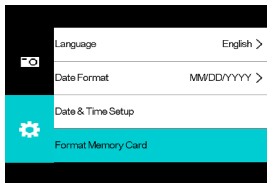
The camera will be automatically powered off if no operation during set time to save power.

Formatting Your Camera

Power on camera, in Photo  or Video Mode , press MENU Button to main menu, press the upper  and down  button to switch to the System Settings menu, press the right  button, and then press the  key to select the format submenu.



Press Down Button  to “Format”, press M/OK Button to enter, choose “OK”. Press the left  or right  Button to choose “Yes (or No)”, press M/OK Button to confirm formatting.



Notes :

- *Formatting will delete all pictures stored on the SD card. If you do not want to delete pictures, please either download them to your computer or use a fresh card.*

Buttons and Functions

 **Photo Capture Button (Photo Mode)**

Power on camera, camera default is Photo Mode.

In Photo Mode, move T/W digital Zoom Slider to zoom in and out. Press Photo Capture Button to capture image.



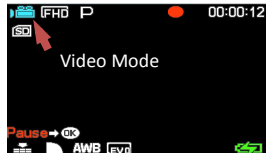
Video Capture Button (Video Mode)

In Photo Mode, press Video Capture Button to Video Mode. Press the button again to start video capturing and press it again to complete video capture.




Record video: during video recording, move T/W digital Zoom Slider to zoom in and out.




Press to Video






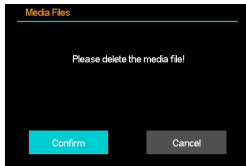
Playback Button (Playback Mode)

In Photo  Mode or Video  Mode, press Playback Button  can direct to Playback Mode. Press the button again to exit.

When review a video, press  Capture Button to start playback. Press the M/OK button to pause/continue video playback.










Delete Button

In Photo, Video or Playback Mode, press Delete Button  to quick delete image/video. Press Up  or Down  Button to select Yes/No. Press M Button to confirm selection.



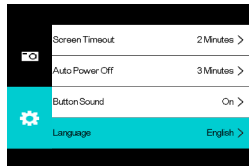
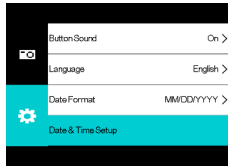
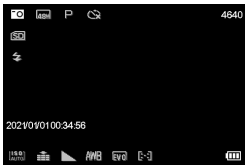
MENU Menu Button (Menu Settings)










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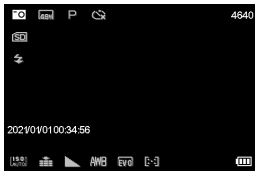
In photo  and video  mode, press MENU key to enter the menu interface, press the top  / down  button to switch the shooting menu or set menu, press right  key to enter the sub-menu, press top  / down  key to select the required sub-menu, press M/OK key to confirm to enter the submenu, press upper  and down  key to choose the desired options, press M/OK key to confirm and return to the previous menu. Press MENU to exit the menu..






(Photo or camera sub-menu is successively: pixel setting /video resolution, white balance, exposure setting, metering mode, sharpness, flash, ISO, Date&Time Stamp)

(Setup menu is: Image rotation, frequency, LED indicator, Screen Timeout, Auto Power Off, Button Sound, language, Date Format, Date&Time Setup, Format Memory Card, Camera System Information, Restore Default Settings)







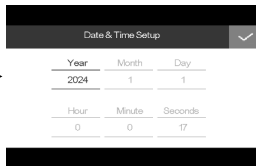
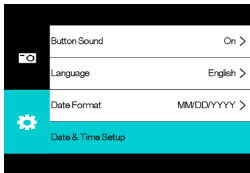
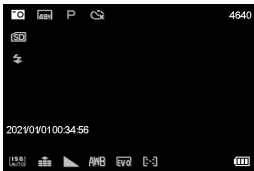
1, language settings : In photo  or Video  Mode, press MENU Button to main menu, press up  and down  key to switch to the Setup menu, press right  key to enter the menu, press top  / down  key to select the language menu, press M /OK key to enter the language option, press up  / down  key to choose the language, press M /OK key to confirm to return to the superior menu, press MENU key to exit.



2. Time Setting : In photo  or Video  Mode, press MENU Button to main menu, press up  and down  to switch to the Setup menu click right  to enter the menu, Select "Setup", choose " Date&Time Setup ", press M/OK Button to access, keep on Press



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Left /Right  Button to switch between Year/ Month/ Date/ Hour/ Minute/ Second, press Up /Down  Button to select related date and time. Press M/OK Button to complete setting and exit menu.




Notes: If there is no date and time for the photos or videos taken, please find the "time watermark" in the menu settings of taking photos and videos and press the M/OK button to select on or off.


⚡ Flashlight Button


In Photo Mode , press Up  Button to switch back and forth between "Flash On" "Flash Off" "Auto Flash".



make sure Flashlight is pop up

Flash On : When taking photo, always flash.

Flash Off : No flash when taking photos.

Auto Flash : according to environment around, flash automatically.



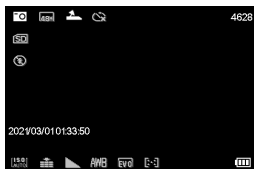
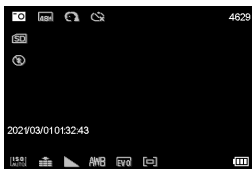
Note: Before using the flash, manually dial the flash device toward the photographed object. The flash does not work in video mode.

Scene mode

The camera defaults to automatic mode when it is turned on. You can turn the scene selector knob to switch between different scene shooting modes. Rotate clockwise to "Auto", "Continuous shooting", "Macro", "Night scene", "Portrait", "Landscape", Switch between the eight scenes of "Sports" and "Beach" Note: Macro mode shooting distance of about 10 CM

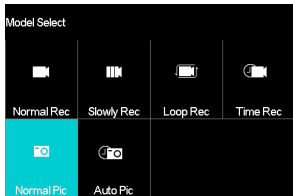


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Shooting mode

In the photo or video mode, press the M/OK button to enter the shooting mode selection, press the left and right buttons to select normal video/slow video/loop video/time-lapse video/normal photo/automatic photo.



Slow photography: After opening the slow photography and starting to record, you can record the slow motion camera effect; the shooting size and rate can be set in the menu; respectively, 1080P4X, 1080P2X .

Loop recording: open loop recording, and start the cycle can record video after video, each video time can be set menu were 2min 3min 5min.

Time-lapse video: turn on time-lapse video (interval video: take one frame every 0.5 seconds

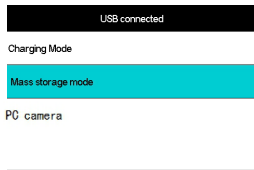
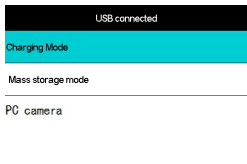
and compose a video, the interval time can be set in the menu, the interval time is 0.5S 1S 2S 5S 10S 30S 60S, the default is 0.5 seconds) and start recording. Can record time-lapse interval video.

Automatically take pictures: Turn on automatic taking pictures (interval taking pictures) and press the camera button to start taking pictures. The camera will automatically take a picture at an interval, and then press the camera button again to end the automatic picture. The interval time can be set in the menu respectively: 3S, 10S, 15S, 20S, 30S.

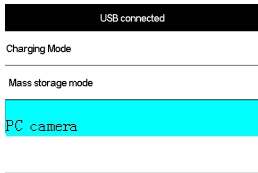
Camera and Computer Connection

After connecting the computer and the camera with a USB cable, the "Charging Mode"/"Mass Storage Mode"/"PC Camera" options appear on the screen, press the up and down keys to select, and press the M/OK key to confirm the selection.

1. MSDC (Storage): Select MSDC, find related drive in computer to review photos and videos.



2. PC camera: Choose PC Camera on display, press M/OK Button to select. The camera could become a PC camera.



Notes: *If PC camera cannot be found in computer, please open Skype or other similar application to test if the PC camera is available to use.*

3.Using an external microphone: The camera only supports the external microphone that comes with the factory. If the purchased camera is equipped with a microphone, insert the battery into the microphone according to the correct positive and negative poles and turn on

the microphone switch, the indicator light will be on.

Then plug the microphone into the headset port of the camera's external microphone, and start recording with the external microphone used for recording.

Technical Parameters

Image resolution	64M(9284*6936),48M(8000*6000), 30M(6336*4752) ,12M(4000*3000) .
Video resolution	5K/20FPS, 4K/30FPS,2.7K/30FPS,1080P/120FPS ,1080P/30FPS.
Storage medium	The maximum support is 128G SD card, and the card speed is above Class10.
File format	JPEG、MP4
Method of shooting	Multi-Snapshot, Self Timer (2S ,5s,10S);
Digital zoom	16 X
White balance	Automatic, sunny, cloudy, incandescent light, fluorescent.
Exposure control	Exposure values (+ 3, + 2, + 1,0, -1, -2, -3)

Sensor luminosity	Automatic, 100,200,400,800.1600,3200,6400
Computer connection	Type-C USB
TFT display	3.0 " IPS
Power management	3.7v lithium battery.
OSD language	English, Simplified Chinese, Traditional Chinese, Spanish, French, German, Italian, Portuguese, Japanese,Nederlands
BatteryCapacity	1500mAh

FAQ

Q1. Why there is "Card Error" on display when inserting SD card in camera? How to solve?

A: Please try to format card in the camera. If cannot format, or the card is still forced to be formatted. There maybe a problem with the card. Please change a card, which speed is Class 6 or above.

Q2. Is the flashlight available to use in Video Mode?

A: No, flashlight cannot be used during video recording.

Q3. Does the camera support external Microphone?

A: YES.

Q4. Does the camera has WiFi, the photos can be transmitted to iPad?

A: No, the camera no WiFi function.

Q5. How to transmit photos and videos to the computer?

A: After connecting the camera to the computer with an USB cable, there will “MSDC” and “PC Camera” shown on the display. Choose “MSDC” and press Mode Button to select.

Camera Maintenance

- If camera is not to be used for a long time, please take out the battery and put them in dust-free

and dry environment which temperature is less than 30°C.

- In order to make sure long battery life, please make sure battery fully discharged before storage.

- Please make sure the battery is charged and discharged at least one time every 3 months.

- If there is dust or dirt on lens or display, please use clean and soft lens cleaning cloth to wipe it softly.
- Camera is precise instrument, please prevent it from falling, knocking shaking etc.

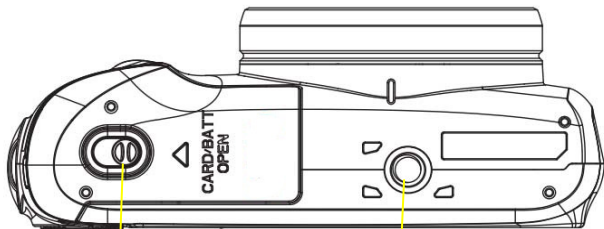
Other Notes

- Please do not insert other objects into camera's card slot except the SD card.
- When camera is powered on for just few seconds, the image on display maybe not stable. It is normal, not camera failure.
- Due to the optical performance of the lens, color dispersion may occur at the edge of the image. It is normal, not camera failure.
- The memory card will get hot after using for a long time. It is normal, not camera failure.
- The camera's screen heats up after using the camera for a long time. It is normal, not camera failure.
- The camera do not have auto focus function. To get the best picture, it is suggested to take a photo two meters away from the object.

认识您的相机

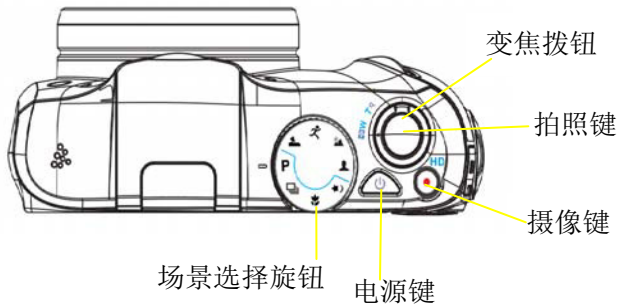
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电池门拨钮

三角架螺母



变焦拨钮

拍照键

摄像键

场景选择旋钮

电源键

如何使用您的相机

一、电池的安裝和使用

1. 按照電池蓋上的箭頭提示方向，撥動開關打開電池蓋。
2. 將電池按電池上的正負極標示，插入電池盒中。
3. 蓋上電池蓋，輕推電池蓋使其扣緊。



二、SD 卡的安裝與取出。

1. 將 SD 卡反面朝屏，插入 S D 卡槽中。
2. 如要取出 SD 卡，將 SD 卡向內按壓即可彈出卡。

注意事項：

- 插卡或拔卡过程中听见“咔嚓”声音即代表S D卡已装好或移除。
- 照相机可能无法识别卡速为 C10 /class10以下的卡或在另一台装置（如电脑）上未格式化的卡。使用之前，请务必在本照相机上对卡进行格式化。

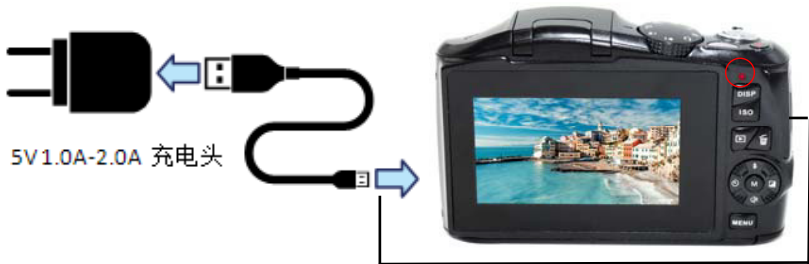


三、相机充电

1. 打开 USB 接口软胶盖，将 USB 线插入接口中，连接相机。
2. 将 USB 线另一端连接充电头，插入电源插座中。
3. 充电过程中指示灯亮红色，充满后指示灯灭。

注意事项：

- 充电过程中；如果用充电头充电可以使用相机拍照或摄像。如果用 USB 连接电脑充电，则不能拍照和录像，相机显示存储器或者做网络摄像头。



四、开关相机

1. 轻按相机电源键，相机开机，屏亮，指示灯亮。
2. 开机状态下，轻按电源键，相机关机。
3. 如果在设定的时间内没有发生操作，相机将自动关闭，以便省电。

五、相机格式化步骤说明

1. 开机后，在拍照  或摄像模式  下，按 MENU 键进入菜单界面，按上下键

切换至系统设置菜单，按右键后再按下键选择格式化子菜单。



2. 按下键 往下翻到“格式化”选项，按M/OK键进入，按左右键选择“格式化”或（取消），选择“格式化”按 M/OK 键即可格式化 SD 卡。






注意事项：

● 格式化 SD 卡会删除卡中所有的图片和文件。如果您不想删除这些图片和文件，请将其拷贝至电脑，或者使用新卡。




在拍照模式  下，按“T”“W”键可选择变焦，按下拍照键即可拍照。





录视频

在摄像模式  下，按  键开始录像，需要停止录像时，请按  键即可停止录像。






在拍照  和录像  模式下，按回放键  ，可直接进入回放模式



按删除键，可进入快捷删除选项，按上/下键选择是/否删除，按 M/OK 键确认选择。




二、菜单设置说明 MENU

在拍照和摄像模式下，按 MENU 键进入菜单界面，按上/下键来回切换拍摄菜单或设置菜单，按右键进入子菜单，按上/下键选择所需的子菜单，按 M/OK 键确认进入子菜单，按上下键选择所需选项，按 M/OK 键确认并返回上一级菜单。按 MENU 键退出菜单。






（拍照或摄像子菜单依次为：像素设置 / 录像分辨率、白平衡、曝光设置、测光模式、锐度、闪光灯、感光度、时间水印）

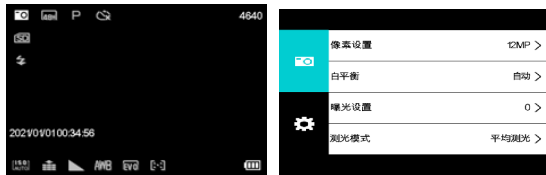
（设置菜单依次为：影像旋转、光源频率、LED指示灯、自动屏保、定时关机、提示音设置、语言、日期格式、日期设置、格式化、设备信息、恢复出厂设置）

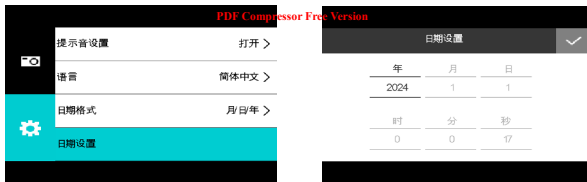


1. **语言设置：** 在拍照  和摄像  模式下，按 MENU 键进入菜单界面，按上下键来回切换至设置菜单，按右键进入菜单，按上/下键选至语言菜单，按 M/OK 键进入语言选项，按上  /下键选择语种，按 M/OK 键 确认返回上级菜单，按 MENU 键退出。



2. **日期时间设置：** 在拍照  和摄像  模式下，按 MENU 键进入菜单界面，按上  下键来回切换至设置菜单，按右键进入菜单，按上/下键选至 “日期设置” ，按 M/OK 键进入日期时间设置，按左  /右键选择设置年/月/日/时/分/秒，按上  /下键选择相应的日期和时间，按 M/OK 键确定设置并返回上级菜单，按 MENU 键退出。





注意事项:

- 如果所拍图片或者视频未显示时间, 请在菜单中找到“时间水印”子菜单, 并选择“打开”

三、闪光灯使用及设置

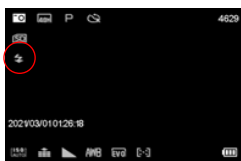
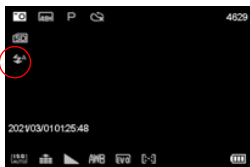
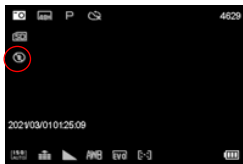
在拍照 模式下, 手动将闪光灯装置打开如下图, 按 键来回切换 “强制闪光” “不闪光” “自动闪光”

强制闪光 : 拍的每一张照片都会闪光。

自动闪光 : 根据周围环境, 拍照时会自动闪光。

不闪光 : 拍的每一张照片都不会闪光。

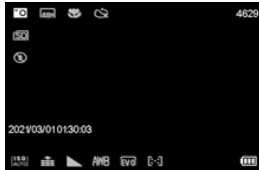
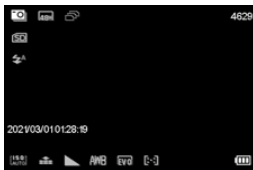
闪光灯不能在视频模式下工作。

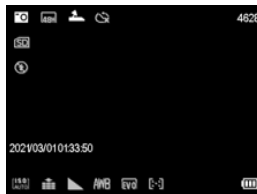
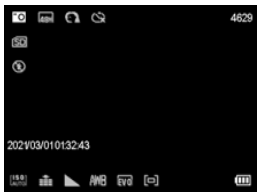
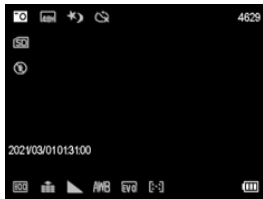


注意:使用闪光灯前需手动将闪光灯装置拨起使其 LED 灯朝向被拍物体.

四、场景模式

相机开机默认自动模式，可以旋转场景选择旋钮切换不同场景拍模模式，顺时针方向旋转分别为“自动”，“连拍”，“微距”，“夜景”，“人像”，“风景”，“运动”，“海滩”八个场景之间切换； 注:微距模式拍摄距离约10CM.





五、 拍摄模式 在拍照或摄像模式按 M/OK 键进入拍摄模式选择,按左右键可以选择普通录像/慢摄影/循环录像/缩时录像/普通拍照/自动拍照.



慢摄影:打开慢摄影并开始录像后可以录制出慢动作的摄像效果;拍摄尺寸和速率可以菜单进行设置;分别为 1080P4X, 1080P2X

循环录像:打开循环录影并开始录像后可以循环录制视频,每段视频时间可以菜单设置 分别为 2min 3min 5min 不限;

缩时录像:打开缩时录像(间隔摄像:每间隔 0.5 秒取一帧并组成一段视频,间隔时间可以在菜里设置间隔时间 0.5S 1S 2S 5S 10S 30S 60S,默认 0.5 秒)并开始录像后可以录制缩时间隔录像.

自动拍照:打开自动拍照(间隔拍照)并按拍照键开始拍照后相机会开始间隔一段时间自动拍照一张,再按一次拍照键结束自动拍照.间隔时间可在菜单进行设置分别为: 3S , 10S, 15S, 20S, 30S

六、相机与电脑连接

用 USB 线将电脑和相机连接后，屏幕出现“充电模式”/“大容量存储模式”/“摄像头模式”选项，按上下键选择，按 M/OK 键确认选择。

1. **大容量存储模式：** 选择大容量存储模式后，在我的电脑里面找到相应的磁盘，打开磁盘，即可查看所拍的照片和视频。



2. **摄像头功能：** 选择摄像头模式后，按 M/OK (确认键) 进入摄像头模式。

如果在电脑中无法找到摄像头，请打开 Skype 或者其它类似软件，测试摄像头是否可用。



七. 外置麦克风的使用 相机只支持工厂自带的外置麦克风，如购买的相机选配有麦克风，将电池按标示对应的正负极装入麦克风并打开麦克风开关，指示灯亮此时将麦克风插入相机外置麦克风耳机端口，开始录像后既是使用的外置麦克风录音。

其他说明

- (1) 除存储卡外，不要把其他物体插入卡槽。
- (2) 电源刚打开后几秒，摄像机显示影像可能不稳，但这不是故障。
- (3) 由于镜头的光学性能，影像边缘可能会出现色彩分散现象（放大色差率）。这不是摄像机故障。
- (4) 存储卡长时间使用后会变热。这种情况是正常现象。
- (5) 长时间使用，摄像机的屏幕会发热。这种情况是正常现象。

技术参数

图像分辨率	64M(9284*6936),48M(8000*6000),30M(6336*4752),12M(4000*3000).
摄像尺寸	5K/20FPS,4K/30FPS,2.7K/30FPS,1080P/120FPS,1080P/30FPS.
存储介质	外插SD卡(1G - 128GB)
文件格式	JPEG、MP4
拍摄方式	照片: 单拍, 连拍 定时自拍(2秒, 5秒, 10秒) 影片: 在摄像模式下, 拍摄时间取决于存储介质容量
快门速度	电子快门: 1/2 ~ 1/2, 000 秒
数字变焦	16倍
白平衡	自动, 晴天, 阴天, 白炽光, 荧光。
曝光控制	曝光值(+3, +2, +1, 0, -1, -2, -3)
闪光灯模式	自动, 强制闪光, 关闭闪光
感光度	自动, 100, 200, 400, 800, 1600, 3200, 6400
电脑连接	USB2.0
TFT 显示屏	3.0' TFT 彩色液晶显示屏
电源管理	3.7v 锂电池。
OSD 语言	英语, 简中, 繁中, 法语, 德语, 西班牙语, 意大利语, 葡萄牙语, 荷兰语等语言
焦距	f=5.04 毫米
光圈	F=2.4
自动关机	关闭/3/5/10Min

常见问题：

1. 插入内存卡的时候相机提示错误是什么情况？怎么解决？

请尝试先将内存卡格式化，如果不能格式化，或者格式化之后还是提示格式化，这是内存卡错误导致的，请换一张 class10 以上的内存卡在本相机使用

2. 闪光灯能在视频模式下使用吗？闪光灯只能拍照时，录制视频时不能使用

3. 本相机支持外接麦克风吗？ 支持

4. 能通过wifi传到ipad吗？ 相机无 WiFi 功能

5. 如何将照片和视频传输到电脑？

相机通过 USB 数据线连接电脑，选择 MSDS，这时就可以在电脑上面浏览相机拍摄的照片/视频，也可以将照片/视频拷贝到电脑上面。

注意事项(相机清洁、维护)

(1) 如果长时间不用相机，请将相机电池取出，并放置在一个无尘、干燥且温度不高于 30°C 的环境中。

(2) 为了延长电池使用寿命，请在存放前完全放电。

(3) 请每 3 个月至少将电池完全充电后再完全放电一次。

(4) 如果镜头或者显示屏有灰尘或污垢，请用干净柔软的镜头清洁布轻轻擦拭。

(5) 由于本机属于精密仪器，因此请勿使其掉落或遭受强烈撞击或者震动。