

## FULL HD 1080P

# 用户手册



### ●产品特点

- ◇便携式记录仪HD 1080P
- ◇超广角镜头
- ◇高强度无光夜视
- ◇可持续录像360分钟
- ◇支持循环录像
- ◇支持移动侦测

### ●指示灯说明

- 蓝灯: 开机/待机/录像/拍照指示灯
- 黄灯: 红外指示灯
- 绿灯: 移动侦测指示灯
- 红灯: 充电指示灯

### ●功能操作说明

#### 开机:

长按开机键蓝灯亮开机成功, 有卡蓝灯闪烁1次后长亮进入待机模式, 无卡蓝灯闪烁3次关机, 在待机模式未使用任何功能情况下, 待机1分钟自动关机。

#### 拍照:

在待机模式下点按拍照键1次蓝灯闪烁1次, 拍照1张, 自动保存。

#### 录像:

在蓝灯长亮待机模式, 点按录像键1次蓝灯慢闪进入录像, 在录像过程中蓝灯慢闪, 5分钟一段自动分段保存连续录像, 循环覆盖, 再次点按录像键1次停止录像蓝灯长亮, 自动保存返回待机。

### 夜视:

开机待机任何模式下, 短按开机键黄灯亮红外夜视灯打开, 可进行夜视录像。再次短按开机键, 黄灯熄灭红外灯关闭。

### 移动侦测:

在蓝灯长亮待机模式, 长按录像键3秒绿灯亮起移动侦测开启, 有侦测到物体移动, 绿灯慢闪进入移动侦测录像。没有物体移动时绿灯长亮移动侦测待机。侦测到物体移动一次录像1分钟。有侦测到物体连续移动录像5分钟一段分段保存。点按录像键1次退出移动侦测模式。

### 复位:

机器出现死机, 按键无效, 无法正常使用, 同时按拍照键和开机键进行复位。

### 关机:

在开机任何模式下, 需要关机, 长按开机键3秒左右, 看到蓝灯快闪3次熄灭为关机。

### 充电:

红灯闪烁为充电, 红灯长亮为充满。

### 边充边录:

插入TF卡, 外接插入USB线, 外接5V的USB电源或者充电宝 (移动电源) 机器直接进入录像, 没有手动停止一直录像循环覆盖, 也可以手动停止录像切换到任何模式。

### 自行时间修改设置:

机器开机后会自动在TF卡根目录下建立一个txt文本文档 (如图 time.txt), 关机用数据线连接电脑, 在可移动磁盘打开 time.txt 文本文档后, 编辑自己所需要的时间, 例如格式 (年月日时分

秒) 20191001235959 Y 后保存文本文件, 开机录制视频即可, 视频保存文件上面会显示所编辑的时间。不需要时间水印也是同样的操作方式, 主要是尾部的Y和N的字母区别。参考格式如下:

- 1: 20191001235959 Y (有时间水印显示)
- 2: 20191001235959 N (没时间水印显示)

### 连接电脑:

在开机、待机和关机状态下, 均可直接连接电脑, 连接电脑后可以作为U盘使用, 可以自由进行文件的复制, 剪贴, 删除, 格式化U盘。也可作为电脑摄像头用 (作为电脑摄像头机器不能插入内存卡)。把机器连接电脑USB口, 数秒后电脑将会弹出可移动磁盘标识, 连接成功可以进行数据传输。

### 注意:

- ① 请务必确认产品中已插入T-flash (Micro SD) 卡。如未插卡, 机器无法正常使用。
- ② 请在充足照明的环境下, 把镜头对准拍摄对象, 与被拍摄对象保持50cm以上的距离, 这样将会得到正确, 色彩自然, 景物清晰, 画面稳定的影像。
- ③ TF卡要求, 1-32G, C10高速品牌卡, 先将卡格式化再插入机器使用。

### ●相关参数

项目	相关参数
视频格式	AVI
视频解码	M-JPEG
视频分辨率	1920×1080P
视频帧率	30fps
影像比例	16:9
拍照分辨率	4032x3024
图片格式	JPG
电池类型	内置型高容量聚合锂电池
电池容量	1000mAh
工作时间	可持续摄像达360分钟
充电电压	DC-5V
存储支持	最高可支持32G的TF卡
传输速度	高速USB2.0
接口类型	Micro USB
支持系统	Windows; Mac Os; Linux;
播放软件	系统自带或主流影音播放软件

### 备注:

- ① 每次使用完电池后再充电, 大约要充2~3小时左右才能充满, 指示灯提示充满后尽可能再充30分钟, 保证电池充满使用。
- ② 产品可能会有些发热状态属于正常现象, 请不要担心产品出现不

良, 本产品是经过长时间老化测试后确保产品质量问题才出货。

### 注意事项:

使用场合: 敬请严格遵守使用所在国家相关法律, 不得将此产品用于任何非法用途, 否则后果自负。

工作温度: 请在自然温度下使用, 请勿在人体不能适应的温度下使用。

工作湿度: 请在人类适宜环境温度下使用, 勿将产品置于潮湿的工作环境, 本产品不具备防水功能, 避免淋水或暴露在雨中。

拍摄要求: 请在充足光源的环境下使用, 勿将摄像头直接对准太阳等强光源, 以免光学器件受损。

保洁要求: 请勿在粉尘密度过大的环境下使用, 以免镜头以及其他部件沾染粉尘, 影响摄像效果。

## FULL HD 1080P

# User's Manual



### ●Product Features

- ◇Portable recorder HD 1080P
- ◇Ultra-wide lens
- ◇High-intensity dark night vision
- ◇Support continuous recording for 360 minutes
- ◇Support loop recording
- ◇Support motion detection

### ●Introductions to indicator light

- Blue light: Boot/Standby/Video/Photo indicator light
- Yellow light: Infrared indicator light
- Green light: Motion detection indicator light
- Red light: Charge light

### ●Function and operation instructions

#### Boot:

Press the "power on" button, the blue light turns on and the machine starts successfully. The blue light with card flashes once and then the light turns on for a long time and the machine enters the standby mode. The card-free blue light flashes for 3 times and the machine will shut down automatically after 1 minute in standby mode without using any function.

#### Photo:

Click and press the photo button in standby mode once and the blue light flashes once to take one photo and save it automatically.

#### Video:

When the standby mode with the blue light on is used, click and press the video button once and the blue light flashes slowly to enter the video mode. During the video process, the blue light flashes slowly and the continuous recording will be automatically in sections each five minute. The video will be circularly covered. Press the video button again once to stop recording. The blue light is long on and the video will be automatically saved. Then, the machine will return to the standby mode.

### Night vision:

In boot mode or standby mode, if you press the boot button, the yellow light will be on and the infrared night vision light will be opened to record night vision. Press the boot button again and the yellow light will be off and the infrared light will also be off.

### Motion detection:

In standby mode with the blue light on for a long time, press the video button for three seconds and the green light turns on for motion detection. If the object is detected to move, the green light will slowly flash to enter the motion detection recording mode. If there is no mobile objects, the green light will be on for a long time for motion detection. It will record the object for one minute when the object is found to move once. It will record the object and save its motions in sections of five minutes if continuous movement of the object is detected. Press the video button once to exit motion detection mode.

### Reset:

When the machine crashes, no button work and the machine can not be used normally, you can press the photo key and the boot key to reset the machine.

### Power-off:

In any mode when the machine is on, if you need to close the machine, you can press the boot button for about 3 seconds. The blue light flashes three times to shut down the machine.

### Charging:

The red light flashes to charge the machine; if the red light is always on, the machine is fully charged.

### Charging while recording:

Insert the TF card and the external USB cable. With the external 5V USB power supply or the charger (mobile power supply), the machine can directly into the video recording mode. With no manual stop, the recording process will always be on and videos will be

circularly covered. You can manually stop recording and switch the machine to any mode.

### Modify the settings at your own time:

The camera will automatically boot in the TF card root directory to create an TXT text document (Figure time.txt), power off the camera and use the USB cable to connect the computer. After opening time.txt text document in Removable Disk, you can edit the time that you want, for example: format (mm / DD / yyyy / HHM / s)20191001235959 Y and save the text document, and then you can turn on the camera to record video, the video files will show the edited time. The setting without time watermark is the same, just need to remark the tail letters Y and N. The reference format is as follows:

- 1: 20191001235959 Y (with time watermark)
- 2: 20191001235959 N (without time watermark)

### Connecting to the computer:

The device can be directly connected to the computer when it is on, off or in the standby mode. After being connected to the computer, the device can be used as a U disk to freely copy, clip or delete files, or format the U disk. It can also be used as a computer camera (when used as a computer camera, a memory card cannot be inserted into the device). Connect the device to the USB interface of the computer. After a few seconds, the computer will pop up the logo of the removable disk. The red light flashes, The connection is successful and data can be transferred.

### Notes:

- ① Please make sure that the T-flash (Micro SD) card is inserted into the product. If the card is not inserted, the red and blue lights will flash and the device cannot work normally.
- ② Please aim the lens at the subject to be shot in a well-lit environment. Keep at least 50 centimeters away from the subject to

be shot. In this way, you will get the proper image with natural colors, clear scenery and stable picture.

- ③ Requirements for the TF card: 1. 1-32G 2. C10 high-speed brand card 3. Format the card first, then insert it into the device and turn on the device.

### ●Relevant parameters

Items	Relevant parameters
Video format	AVI
Video decoding	M-JPEG
Video resolution	1920×1080P
Video frame rate	30fps
Image scale	16:9
Photo resolution	4032x3024
Image format	JPG
Battery type	Built-in high-capacity polymer lithium battery
Battery capacity	1000mAh
Working hours	Photography can last for 360 minutes.
Charging voltage	DC-5V
Supporting storage	Supporting 32G TF card at maximum
Transmission speed	High-speed USB2.0
Interface type	Micro USB
Supporting systems	Windows; Mac Os; Linux
Media player	System-provided or mainstream audio and video player software

### Notes:

- ① Charge the battery when it is used up. It takes two to three hours to fully charge the battery. When the indicator light indicates that the battery is full, try to charge it for another 30 minutes to ensure that the battery is fully charged.

- ② It is normal if the product has some heating status. Please do not worry about defective products. All our products have gone through a long aging test to ensure that there is no quality problem before delivery.

### Notes:

Application: Please strictly comply with relevant laws of the country where the user is located. It is prohibited to use this product for any illegal purposes, otherwise the user will be liable for the consequences.

Operating temperature: Please use the device at natural temperature. Do not use it at a temperature that the human body cannot adapt to.

Operating humidity: Please use the device under suitable humidity for human. Do not place the product in a humid operating environment. The product does not have the waterproof function and should avoid water or exposure to rain.

Photographing requirements: Please use the device in an environment with sufficient light. Do not direct the camera at the sun and other strong light sources, so as not to damage the optical components.

Cleaning requirements: Please do not use the device in an environment with excessive dust density to prevent the lens and other components from being contaminated with dust so as not to affect the photography effect.