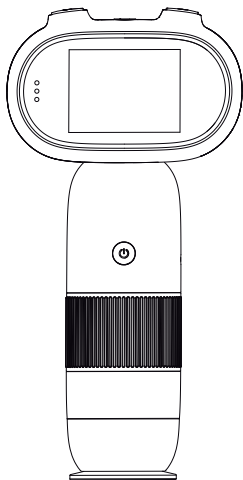


# 2.0寸儿童显微镜

型号：CM4



## 快速入门指南 V1.0

请仔细阅读本使用说明书,并妥善保存,以备日后参考。

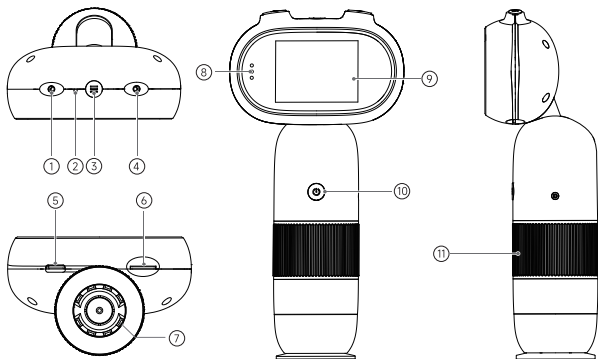
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# 1.各部件及功能

平面图仅供参考，具体请以实物为准



## • 各部件及功能介绍

部件编号	功 能
①	左选择键
②	复位按键
③	菜单键
④	右选择键
⑤	Type C接口
⑥	TF卡插槽
⑦	LED补光灯
⑧	指示灯
⑨	显示屏
⑩	电源键
⑪	焦距调节滚轮

**左选择键：**进入菜单或回放界面时，为选择键；  
进入拍照、录像模式时，为放大/缩小键。

**右选择键：**进入菜单或回放界面时，为选择键；  
进入拍照、录像模式时，为补光灯亮度调节按键。

**菜单键：**短按此键可切换拍照 / 录像 / 回放 三种模式；  
长按进入菜单界面；  
再短按此键可退出菜单或返回上一层。

**指示灯：**充电时红色指示灯亮，  
充满后绿色指示灯亮；  
开机时蓝色工作指示灯常亮。

**电源键：**长按此键3秒显微镜 开机 / 关机；短按为确定键。

**显示屏：**2.0寸IPS显示屏

**焦距调节滚轮：**旋转此滚轮可对观察物进行对焦，缓慢调节至画面清晰。

**TF卡插槽：**支持最大32G内存卡。（注：请选用C10高速卡）

**TYPE-C接口：**标准USB 2.0接口，支持充电和数据传输。

**复位键：**显微镜异常时，用细尖物戳此孔，可强制关机。

**LED补光灯：**观察环境光线不足时，可进行补光。



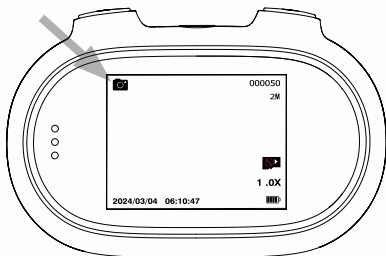
## 2.界面介绍及使用

[ ▲ 注意:本品在不插TF卡的情况下，自身内存可以保存58张照片。自身内存的照片出于安全考虑无法被其他设备读取。]

### 模式介绍

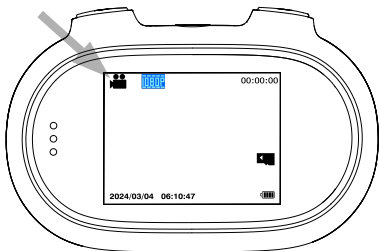
#### ● 拍照模式

显微镜左上角图标为“📷”时则当前为拍照模式；在开机状态下，短按显微镜上的菜单键，可切换到拍照模式。



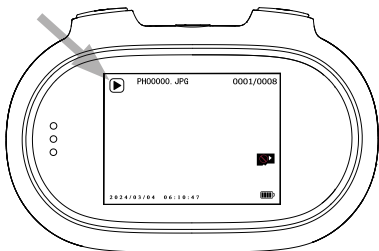
#### ● 录像模式

显微镜左上角图标为“📹”时，则当前为录像模式；在开机状态下，短按显微镜上的菜单键，可切换到录像模式。



## ● 回放模式

显微镜左上角图标为“▶”时，则当前为回放模式；在开机状态下，短按显微镜上的菜单键，可切换到回放模式。

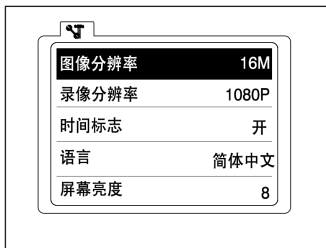


如图所示，进入回放模式可查看图片和录像文件，查看录像时按电源键为播放/暂停；查看当前图片/录像文件时，可按左/右选择键翻页，再次短按菜单键可返回拍照模式。

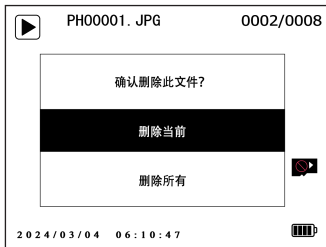
## 菜单界面

### ● 菜单模式

长按显微镜上的菜单键，在拍照/录像模式下进入菜单界面如下图所示：



在回放模式查看文件时进入菜单，如下图所示（可对当前图片或视频文件进行删除当前/删除所有）。



## ● 功能说明

**图片质量：** 有2M，3M，5M，8M，10M，12M，16M可选择。

**分辨率：** 有1080P，720P，VGA可选择。

**时间标志：** 打开后，拍摄的文件右下角将会显示日期时间标识。

**语言：** 设置语言(英文，繁体中文，简体中文，日语，韩语，俄语，法语，德语，葡萄牙语，波兰语，荷兰语，阿拉伯，意大利语，西班牙语)。

**屏幕亮度：** 有1-8共8个亮度挡位可供选择。

**自动关机：** 选择自动关机时间后，显微镜将在无人操作时自动关机；无需自动关机，请选择“关”。

**屏幕保护：** 选择合适的时间，使设备在无人操作时自动熄屏。

**格式化：** 此操作将删除TF卡内所有数据。(▲注:删除后将无法恢复请谨慎操作)

**日期时间：** 可设置显微镜显示的日期/时间参数。

**恢复出厂设置：** 所有设置都会恢复到出厂默认参数。

**固件版本：** 查看当前系统固件版本。


### 3.如何连接电脑端使用

#### • 软件下载


注：以下三种方式均可进行下载，请根据电脑系统选择适用的版本，如不需要测量功能，电脑系统自带的照相机软件也可以正常使用。

①请从以下网址下载使适用软件：<http://soft.hvscam.com> (适用于：Windows 7, Windows 8.1, Windows 10, Windows 11及Mac)


 简体中文  English

 显微镜测量软件 HiViewSetup 1.4 for mac  
支持: S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5  
[因点击阅读说明文件](#)

 显微镜测量软件 HiViewSetup 1.4 for windows  
支持: S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5  
[因点击阅读说明文件](#)

 视频预览软件 Amcap v3.0.9 for windows  
支持: W01 DM1 DM2 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5  
[因点击阅读说明文件](#)

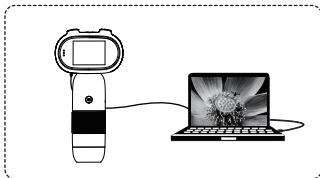
②Windows端请在“Microsoft Store”搜索“HiView”下载如图(“”), 也可使用电脑自带相机(如图“”)观察;(适用于:Windows 8, Windows 10, Windows 11及以上)

③Mac系统为 Mac OS x 12或更高时,请在“APP Store”搜索“HiView”下载,也可使用Photo Booth (如图“”)观看。

## ● 连接步骤

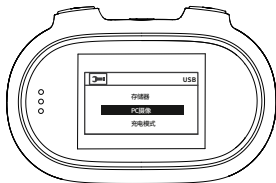
### 第一步：

通过Type-C数据线连接电脑和显微镜；



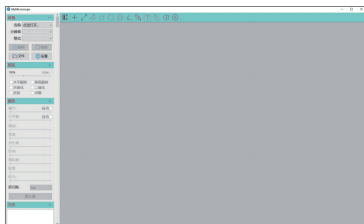
### 第二步：

显微镜开机，出现弹窗，选择“PC摄像”模式；



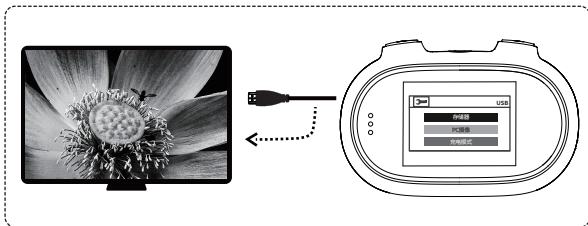
### 第三步：

打开Hiview，即可观看图像，此时拍照/录像文件会自动保存在电脑磁盘中。（注：连接电脑观看图像时，请确认使用的是带数据传输功能的线）



## ● USB模式介绍

通过USB线将设备与电脑相连时，设备的模式有存储器/PC摄像/充电三种模式可供用户选择。



### ① 存储器：

从电脑端进入显微镜存储器，可以查看并处理当前TF卡内的图片和视频文件，此时显微镜仅开/关机键和右选择键可用。

### ② PC摄像：

选择该模式后，可通过电脑相机软件，获得更大倍数的图像，此时显微镜开/关机键、右选择键和焦距调节滚轮可用。

### ③ 充电模式：

当显微镜电量不足，可边充电边使用显微镜，用Type-c数据线将显微镜和电脑端连接，显微镜开机，选择充电模式，即可进入充电状态。

(注：也可使用日常手机充电器、电脑、充电宝对显微镜进行充电。)

## 4.产品参数

项目	参数
产品名称	CM4
视频最大像素	1080P
CMOS尺寸	1/6.5'
图片分辨率	2M,3M,5M,8M,10M,12M,16M
视频分辨率	1080P,720P, VGA
图片格式	JPG
视频格式	AVI
放大倍数	500/1000
照明	8颗LED灯（亮度可调）
对焦范围	10-40mm（可观看远景）
PC分辨率及图像传输速率	640*480/25 fps
PC操作系统	Windows xp,Win7, Win8.1, Win10 Mac OS x 12及以上
支持语言	14种语言
接口和信号传输方式	USB 2.0
工作电流	250mA
功率	1.25W



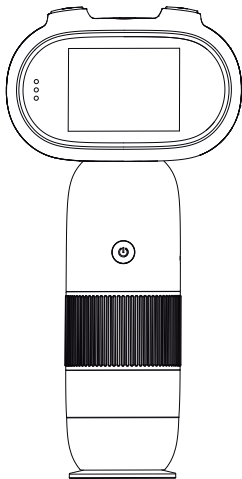
## 5. 注意事项

- ◆ TF卡需选用传输速度为C10的，若使用传输速度低于C10的卡，使用时可能会出现拍照卡死或者录像文件损坏等故障。
- ◆ 请勿将显微镜放置在阳光直射的地方，请避免雨淋或潮湿环境，以免引起设备故障。
- ◆ 请勿将显微镜放置在热源或火源附近，如电炉、微波炉、烤箱、火炉等可能产生高温的环境。
- ◆ 请勿修改电池、插入异物、浸入水中或其他物体，避免过热、着火或爆炸。
- ◆ 请避免将显微镜存放在有跌落风险的场所，跌落可能造成显微镜内部镜头偏差或其他构件的损坏，以及其他不可修复的损坏。
- ◆ 如发生异常现象，请联系售后部门进行检修。私自拆解显微镜将不享受保修服务，并有可能导致不可修复的损坏。

如有疑问，请与本公司联系  
最终解释权，归本公司所有

# 2-Inch Kids Microscope

**Model: CM4**



## **User Manual V1.0**

Please read this instruction manual carefully  
and keep it for future reference.

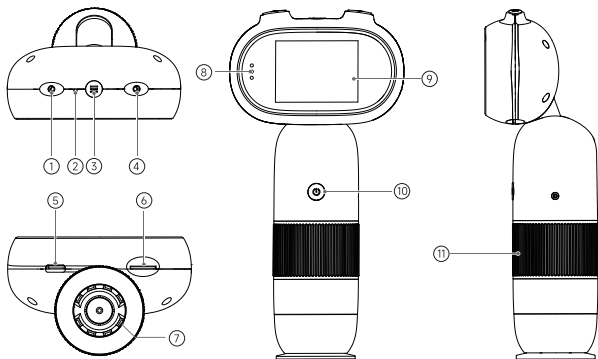
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# 1. Parts and Functions

The plan used in this manual is for reference only, please refer to the actual plan.



## • Parts and functions

NO.	Function
①	Left key
②	Reset key
③	Menu key
④	Right key
⑤	Type-C interface
⑥	TF card slot
⑦	LED light
⑧	Indicator light
⑨	Display screen
⑩	Power key
⑪	Focus wheel

**Left key:** Enter the Menu or Playback interface , you can select the previous item ; When entering the Photo and Video mode , you can zoom in / out.

**Right key:** Enter the Menu or Playback interface , you can select the next item ; When entering the Photo and Video mode , adjust the brightness of the light .

**Menu key:** Short press to switch three modes: Photo / Video / Playback ;Long press to enter the Menu interface ;short press again to exit the Menu or return to the previous level .

**Indicator light:** Red indicator light is on when charging ;Green indicator light is on after the full charge ;Blue indicator light is always on when starting up .

**Power key:** Long press for 3 seconds to turn on / off the microscope; Short press to confirm .

**Display screen:** 2.0-inch IPS display screen .

**Focus wheel:** Rotate this wheel to focus the observation object and slowly adjust to a clear picture .

**TF card slot:** Support up to 32G memory card.(Note: Please choose the C10 high-speed card .)

**Type-C interface:** Standard USB 2.0 interface, which supports charging and data transmission .

**Reset key:** When the microscope is abnormal, intercept the hole with a fine tip object,which can be forced to shutdown .

**LED light:** when the ambient light is insufficient, the light can be replenished .

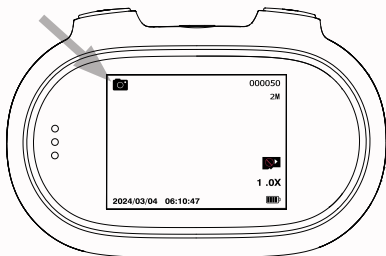
## 2.Interface Introduction and Usage

[ ▲ Note:This product can save 58 photos in its own memory without inserting a TF card. Photos of its own memory cannot be read by other devices for security reasons.]

### A. Mode introduction

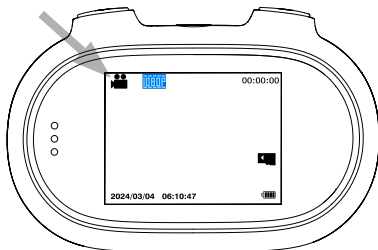
#### ● Photo mode

When the icon in the upper left corner of the microscope is "📷", it is currently in the Photo mode; in the boot state, short press the Menu key on the microscope to switch to the Photo mode.



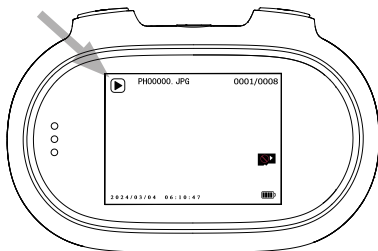
#### ● Video mode

When the icon in the upper left corner of the microscope is "📹", it is currently in the Video mode; in the boot state, short press the Menu key on the microscope to switch to the Video mode.



## • Playback mode

When the icon in the upper left corner of the microscope is "▶", it is currently in the Playback mode; in the boot state, short press the Menu key on the microscope to switch to the Playback mode.

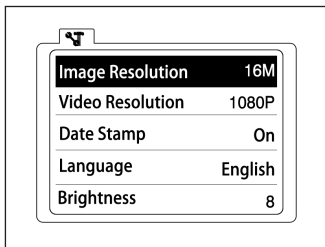


As shown, enter the Playback mode to view the pictures and videos,  
When viewing the video, press Power key to play / pause;  
When viewing the current picture / video, press Left / Right key to  
turn the page, and press Menu key again to return to Photo mode.

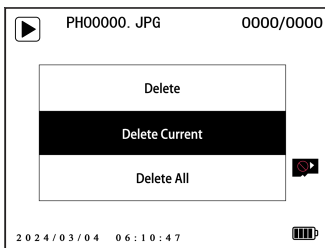
## B. Menu interface

### • Menu mode

Long press Menu key on the microscope and enter the Menu interface in Photo / Video mode as shown in the following figure:



Enter the Menu when viewing the file in Playback mode, as shown in the figure below (you can Delete Current / Delete All the picture or video).





## ● Function description

**Image Resolution :** 2M, 3M, 5M, 8M, 10M, 12M, 16M.

**Video Resolution :** 1080P, 720P, VGA

**Date Stamp :** When opened, the date and time mark will be displayed in the lower right corner of the photo/video.

**Language :** Set up languages (English, Russian, French, Dutch, Traditional Chinese, Simplified Chinese, Japanese, Korean, German, Portuguese, Polish, Arabic, Italian, Spanish).

**Brightness:** There are 8 brightness options.

**Auto Power Off :** After selecting the automatic shutdown time, the microscope will automatically shut down when unmanned; no automatic shutdown is required, please select "Off".

**Screen Savers :** Select the appropriate time to make the device automatically turn off the screen when no one operation.

**Format :** This action removes all data in the TF card.  
( ▲Note: It cannot be restored after deletion, Please caution).

**Date/Time :** The date / time parameter displayed by the microscope can be set.

**Default Setting :** All settings will return to the factory default parameters.

**Version :** View the current system firmware version.

## 3.Work with PC

### • Software download

Note : The following three methods can be downloaded.Please select the applicable version according to the computer system. If the measurement function is not required, the own Camera software of the computer system can also be used normally.

①Please download the applicable software from: <http://www.hvscam.com/soft.asp> (for: Windows 7, Windows 8.1, Windows 10, Windows 11 and Mac).

 简体中文  English



HiViewSetup 1.4 for mac

Support: S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5

 Click to read the instructions



HiViewSetup 1.4 for windows

Support: S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5



 Click to read the instructions




Amcap v3.0.9 for windows

Support: W01 DM1 DM2 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5

 Click to read the instructions

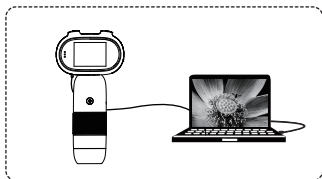
② For Windows 8 or higher system, search "hiView" () in the Microsoft Store to download it and you can also be viewed in Camera() .

③ For Mac OS X 12 or higher system, search "hiView" in the APP Store to download it and you can also be viewed in Photo Booth() .

## • Operation steps

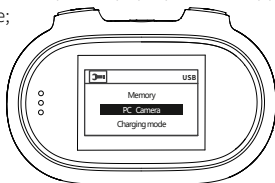
### Step 1 :

Connect to the computer and the microscope via the Type-C data cable;



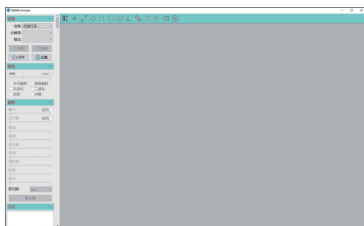
### Step 2:

Turn on the microscope, the pop-up window appears, select the "PC Camera" mode;



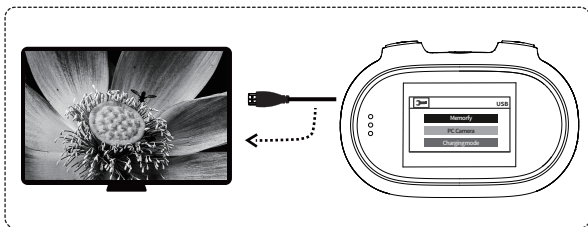
### Step 3:

Open the Hiview software, you can view the image, the photo/video file is automatically saved to the computer disk. (Note: When connecting the computer to view the image, please confirm that you are using a cable with data transmission function).



## ● USB mode introduction

When the device is connected to the computer via a Type-C cable, the device has three Memory / PC Camera / Charging mode for users to choose from.



### ① **Memory :**

Entering the microscope memory from the computer side, you can view and process the pictures and videos in the current TF card. At this time, the microscope only Power key and Right key are available.

### ② **PC Camera:**

After selecting this mode, a larger multiple image can be obtained through the computer camera software. At this time, the microscope Power key, Right key and Focal wheel are available.

### ③ **Charging mode:**

When the power of the microscope is low, the microscope can be used while charging. The microscope can be connected to the computer terminal with the Type-c data cable. When the microscope is turned on, select the charging mode, you can enter the charging state.

(Note: You can also use a daily mobile phone charger, computer and power bank to charge the microscope.)

## 4.Product Parameters

Item	Parameter
Product name	CM4
Maximum video pixel	1080P
CMOS size	1/6.5'
Picture resolution	2M,3M,5M,8M,10M,12M,16M
Video resolution	1080P,720P, VGA
Picture format	JPG
Video format	AVI
Magnification	500/1000
Light	8 LED lights (adjustable brightness)
Focus range	10-40mm (viewable vision)
PC resolution and image transmission rate	640*480/25 fps
PC operating system	Windows xp,Win7, Win8.1, Win10 Mac OS x 12 and above
Languages	14 languages
Interface and signal transmission mode	USB 2.0
Operating current	250mA
Power	1.25W

## 5.Notice

- ◆ The TF card should be selected with a transmission speed of C10. If the card with a transmission speed lower than C10 is used, there may be faults such as photo stuck or damaged video files.
- ◆ Do not place the microscope in direct sunlight and avoid a rainy or wet environment to avoid equipment failure.
- ◆ Do not place the microscope near the heat source or fire source, such as electric furnace, microwave oven, oven, furnace and other environments that may produce high temperature.
- ◆ Do not modify the battery, insert foreign objects, immerse in water or other objects to avoid overheating, fire or explosion.
- ◆ Please avoid storing the microscope in a place with the risk of falling, which may cause the microscope internal lens deviation or damage to other components, and other irreparable damage.