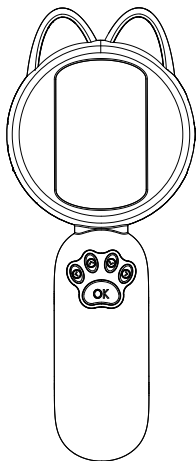


2.0寸手持放大镜

型号：HM020B



快速入门指南 V2.0

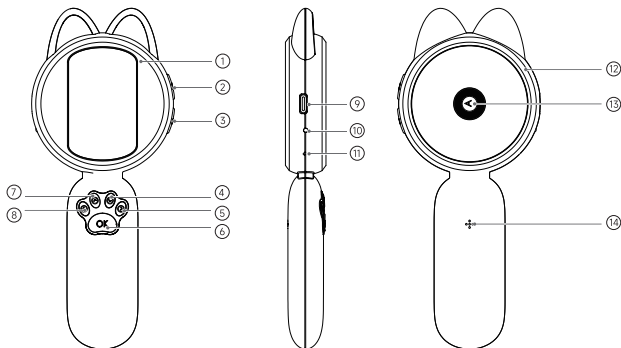
请仔细阅读本使用说明书，并妥善保管，以备日后参考。

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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	部件编号	功能
1	显示屏	8	左选择键
2	菜单键	9	Type C接口
3	电源键	10	指示灯
4	下选择键	11	复位按键
5	右选择键	12	LED补光灯
6	OK键	13	摄像头
7	上选择键	14	喇叭

显示屏：2.0寸IPS显示屏。

菜单键：短按进入菜单。

电源键：长按3秒开机/关机。

下选择键：预览时为缩小键；

右选择键：在预览时为灯光+；

OK键：短按拍照；在设置中为确认键作用。

上选择键：预览时为放大键。

左选择键：在预览时为灯光-。

Type C 接口：标准USB2.0接口，此接口支持充电和UVC功能。

指示灯：充电时指示灯为红色长亮，充满后指示灯为绿色常亮。

复位按键：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。

摄像头：100W像素摄像头。

喇叭：用于播放系统提示音。

2. 界面介绍及使用

• 菜单界面

短按放大镜上的菜单键，进入菜单模式，如下图所示：



在图库中查看文件时长按菜单键进入菜单界面，可对全部图片文件进行删除（短按左选择键为删除当前文件）如下图所示：



• 功能说明

游戏:内置5款益智小游戏。

图库:可查看已拍摄的图片。

语言:可设置放大镜语言。(有英语,简体中文,繁体中文,日语,韩语,俄语,法语,德语,葡萄牙语,波兰语,荷兰语,泰语,意大利语,西班牙语)。

屏幕亮度:可根据实际使用环境选择合适的屏幕亮度。

自动关机:选择自动关机时间后,放大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:选择适当的时间,放大镜将在无人操作时自动息屏节省电源;无需屏幕保护,请选择“关”。

音量:可根据实际使用环境选择合适的音量,如需降低最小音量请选择“1”。

时间/日期:可根据实际使用需求单独调整时间/日期。

格式化:所有图片都将被删除,请谨慎操作。

恢复出厂设置:还原出厂默认设置。

固件版本:可查看当前固件版本。

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。

- ① 请从以下网址下载适用软件：<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](#)
-

- ② Windows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)
- ③ Mac系统为 Mac OS x 10.5 或更高时, 请在“APP Store”搜索“HiView”下载, 也可使用Photo Booth (如图“”)观看。

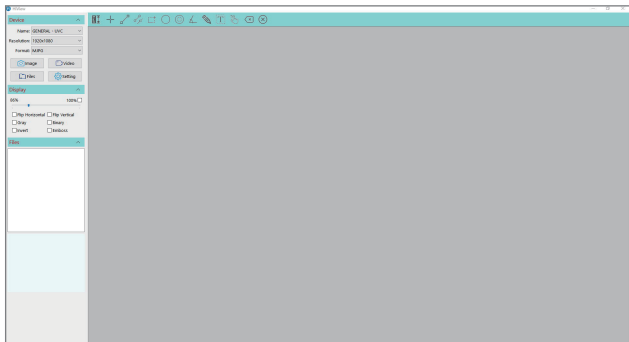
• 连接步骤

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；

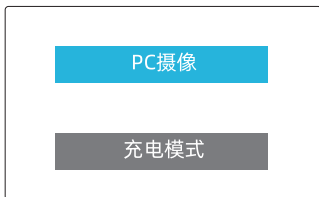


第三步：打开Hiview，即可观看图像，此时拍照/录像文件会自动保存在电脑磁盘中。（注：连接电脑观看图像时，请确认使用的是带数据传输功能的线）



• USB模式介绍

通过USB线将设备与电脑相连时，设备的模式有PC摄像/充电模式两种模式可供用户选择。



① **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仅开/关机键和上下选择键(调节灯光)可用。

② **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	HM020B
屏幕	2.0高清IPS屏
CMOS尺寸	1/6.5'
光源	8颗LED灯（白灯和紫灯各4颗）
对焦模式	手动对焦
数码变焦	支持
白平衡	自动
曝光	自动
镜头结构	4P+IR
光圈	F4.5
镜头视角	20°
接口	Type C,5V/1A
操作温度	-10℃ ~ +55℃
工作湿度	30%~85%Rh
功耗	200mA,1W
电池容量	650mAH, 3.7V
工作时间	2.5H
充电时间	1.5H
支持语言	14种语言：英语，简体中文，繁体中文，日语，韩语，俄语，法语，德语，葡萄牙语，波兰语，荷兰语，泰语，意大利语，西班牙语。

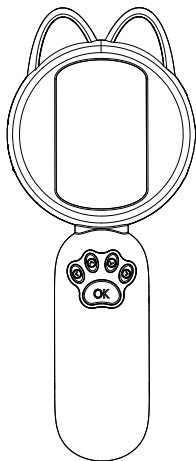
5. 注意事项

- 请勿将放大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。
- 请勿将放大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。
- 请避免将放大镜存放在有跌落风险的场所，跌落可能造成放大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。私自拆解放大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

2.0-inch Handheld Microscope

Model: HM020B



User Manual V2.0

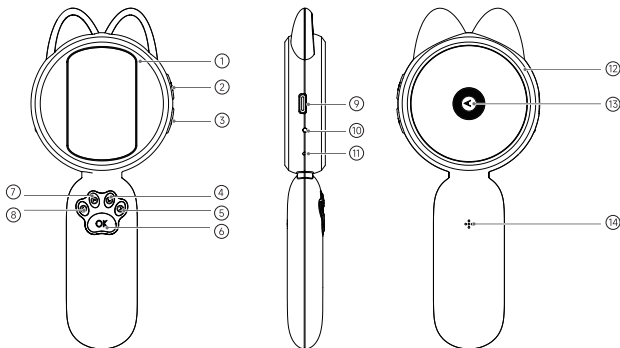
Please read this user manual carefully and keep it for future reference.

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1. Parts Description

Notice: The picture is for reference only, please refer to the actual object



• Functions introduction

Part	Function	Part	Function
1	Display Screen	8	Left Button
2	Menu Button	9	Type-C Interface
3	Power Button	10	Indicator Light
4	Down Button	11	Reset Button
5	Right Button	12	LED Lights
6	OK Button	13	Camera
7	Up Button	14	Amplifier

Display Screen: 2.0-inch IPS screen.

Menu button: Short press to enter the Menu interface.

Power Button: Long press for 3 seconds to turn the microscope on/off.

Down Button: When previewing, long press to zoom out.

Right Button: During previews,assign a function to increase light brightness;

OK Button: Short press to take photos; In the settings interface, assign a function to the confirm button.

Up Button: When previewing, long press to zoom in.

Left Button: During previews,assign a function to decrease light brightness.

Type-C interface: Standard USB2.0 interface, this interface supports charging and data transfer.

Indicator light: The indicator light is red long after charging, green long after full.

Reset button: When the microscope is abnormal, poke this hole with a fine pointed object to force the power off.

LED Lights: When observing insufficient ambient light, you can use it for supplementary lighting.

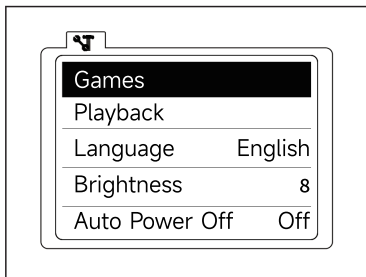
Camera: 1MP camera.

Amplifier: Used to play system notification sounds.

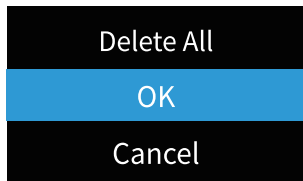
2. Interface Introduction

• Menu mode

Short press the Menu button on the microscope, you can enter the Menu interface, as shown in the figure below:



When viewing files in the album, long-press the Menu button to enter the Menu interface, and you can Delete This/Delete All image files, as shown in the figure below



• Function introduction

Games: Comes with three built-in puzzle games.

Playback: You can view the pictures that have been taken.

Language: Set language.(English, Simplified Chinese,Traditional Chinese,Japanese,Korean, Russian,French,German,Portuguese, Polish, Dutch,Thai, Italian, Spanish.)

Brightness: Adjust screen brightness.

Auto Power-Off: After selecting auto shutdown time, the microscope will shut down automatically when no one is operating; no auto shutdown, please select "Off"

Screen Savers: Select the appropriate time, the magnifying glass will automatically display when unmanned operation, saving power; No screen saver is required. Select Off.

Volume: You can choose the appropriate volume based on your actual usage environment. if you want to mute, please select "0"

Date/Time: The time/date can be adjusted separately according to the actual use needs.

Format: All images will be deleted, please use caution.

Default Setting: Restore factory settings.



Version: Check the current firmware version.







3.Work with PC




• Software download

Note: The following 3 methods can be downloaded, please choose the appropriate version according to your computer system.

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

 简体中文 |  English

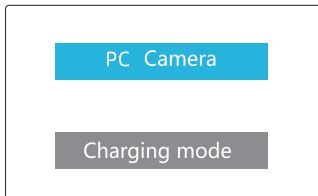
-  HiViewSetup 1.4 for mac
Support: S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5
 Click to read the instructions
-  HiViewSetup 1.4 for windows
Support: S4 X4 W01 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5
 Click to read the instructions
-  Amcap v3.0.9 for windows
Support: W01 DM1 DM2 DM3 DM4 DM7 DM8 DM9 MS1 MS2 MS3 MS4 MS5
 Click to read the instructions

- ② For Windows, search for “HiView” in “Microsoft Store” (); you can also use Camera () to view. (Suitable for: Windows 8, Windows 10, Windows 11 and above)
- ③ For Mac OS x 10.5 or above, search for “HiView” in “App Store”, you can also use Photo Booth () to view.

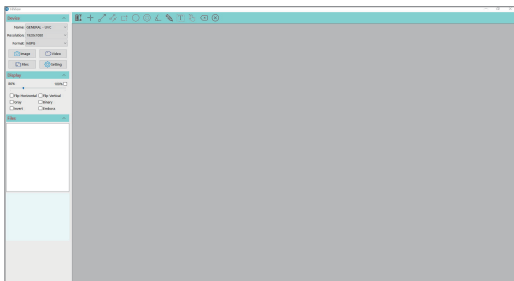
• Operating steps

Step 1. Connect the microscope to the computer via a Type-C cable.

Step 2. Long press the microscope power button to turn on, and the computer side of the successful connection screen pop-up window: Mass Storage/PC Camera/Charging Mode three modes, please select the "PC Camera" mode.

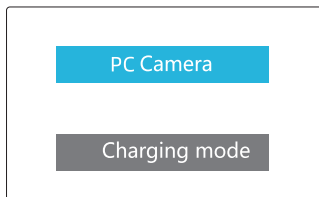


Step 3. Run Hiview, you can watch the image, at this time the photo / video files will be automatically saved in the computer disk. (Note: When connecting to a computer to watch images, please make sure you are using a cable with data transfer function)



• USB Mode Introduction

When the device is connected to the computer through a USB cable, the device can be used in PC Camera / Charging mode.



- ①PC Camera: After selecting this mode, you can get a larger magnification of the image through the computer camera software, at this time the microscope only Power button and Down button(adjust lights)available.
- ②Charging Mode: When the microscope is low on power, you can use the microscope while charging, use Type-C data cable to connect the microscope and the computer side, the microscope is turned on, select Charging Mode, you can enter the charging state.
(Note: you can also use daily cell phone charger, computer, power bank to charge the microscope)

4. Specifications

Item	Specifications
Product Name	HM020B
Screen	2.0-inch IPS screen
CMOS Size	1/6.5"
light source	8 LED lights (adjustable brightness)
Focusing Mode	Manual
Digital Zoom	support
White balance	Auto
Exposure	Auto
Lens Structure	4P+IR
Aperture	F4.5
Lens angle of view	20°
Interface	Type C,5V/1A
Operating Temperature	-10°C ~ +55°C
Operating Humidity	30%~85%Rh
Power Dissipation	200mA,1W
Battery Capacity	650mAH, 3.7V
Working time	2.5H
Charging time	1.5H
Language	14Languages: English, Simplified Chinese, Traditiona Chinese, Japanese, Korean, Russian, French, German, Portuguese, Polish, Dutch, Thai, Italian, Spanish.

5. Warm Tips

- Do not place the microscope in direct sunlight. Avoid rain or humidity to avoid device faults.
- Do not place the microscope near a heat source or fire source, such as an electric stove, microwave oven, oven, stove, etc., which can produce high temperatures.
- Do not modify the battery, insert foreign objects, immerse in water or other objects to avoid overheating, fire or explosion.
- Avoid storing the microscope in places where there is a risk of falling, which may cause lens deviation or damage to other components inside the microscope, and other irreparable damage.