Digital microscope operating instructions

1.(The USB interface)   2.(LED lights)   3.(Photo button) 4.(Adjust light brightness)

5.(U-shaped adjusting support) 6.(Focusing roller)   7.(Height and Angle adjusting knob)
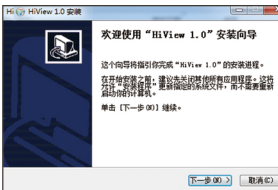
Measuring software
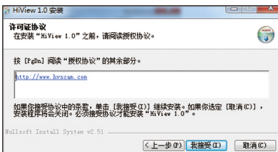
■ Windows installation software method

1.Search and click http://soft.hvscam.com,Please select the version you need windows/mac/ acmcap.
Then download the software, as shown in the figure：

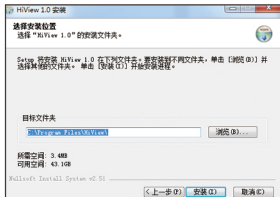2.Double click and open. The following information will appear.Then, click next step：

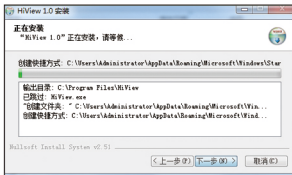3.Reach the following license agreement, click "accept"：

Measuring software

Windows installation software method

4.Reach the following information select installation site and click install：

5.Reach the information of being installed，wait a minute，wait for automated installer：

6.Reach the following information：select and operate HiView 1.0 (R)，then，click "finish"，PC automatically run a software。
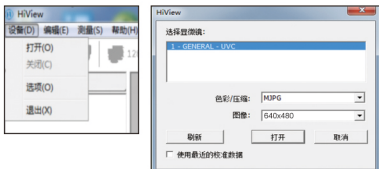
Using the software

The microscopes comes into use

1.Connect your microscope to PC via the USB cable. open the software you can see the flowing interface after stepping into the software：
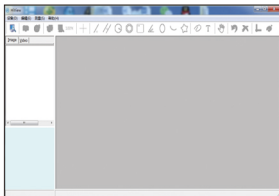
2.Click "equipment" in the menu bar. Then, click "open", the following information will appear.

3.As the picture shown above, select the microscopename "GENERAL-UVC". Then select "color/ compression" as the local computer "MJPG". According to the self-adaption of microscope MJPG, YUY2 or select manually, select the image, after selecting the image resolution, click "open" into the preview screen, as shown in the figure below:

Measuring software

■ Mac installation software method

1.Search and click http://soft.hvscam.com,Please select the version you need windows / mac / acmcap. Then download the software, as shown in the figure：
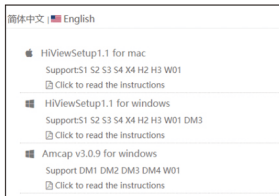
2.Double click and open HiViewSetu.dmg. The following information will appear.Then, click next step：

Using the software

■ The microscopes comes into use

1.Connect your microscope to a mac computer or laptop via the USB cable. Then, double click the desktop open the software，If there are safety tips：

The solution is as follows

1.System Preference

2.Open the Security & Privacy Select App Store and admissive developer

Select "Still to open"

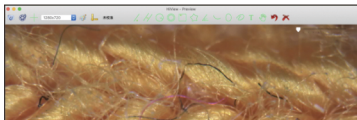3.The opening interface of software is as shown in the figure.

Click in the menu，open the image Reach HiView If you want to access the camera Select Yes

Menu bar function introduction

Measurement:

Click to perform operations including cross curve, straight line, parallel line, circle, concentric circle,rectangle, Angle, ellipse, arc, polygon, arbitrary drawing, words, stop measurement, delete recent, delete all, calibration, and options under the preview screen and photo screen.

 Calibration -》 Modulate the microscope image into a clear picture, and place the correction bar at the extremitas anterior of the microscope for correction, as shown in the figure below: For example, if the specification of calibration bar is 0.1mm per small grid, the software calibration bar should be in the 22nd small grid of the calibration bar and input 2.2.

The calculation formula is 0.1mm × 22mm = 2.2mm

(Note: the object distance shall be recalibrated for each change, and the measurement of each item can be carried out after the recalibration.)
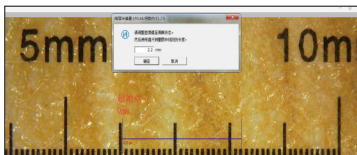
Options--》 The line color, line width, word color and word size can be set, as shown in the figure:
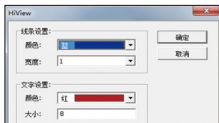
Assistance:

Language --》 Click to switch among simplified Chinese, English, Japanese, Russian, French, German, Italian, Spanish, Portuguese, Korean and other languages.About （A） --》 Click to view the software information and version number.

The Function Declaration of Shortcut Key

🖥 📷 🐙 💾 1280x720 🖥 100% ┼ ⁄ ∥ ⊙ ◯ ▢ ∠ ◌ ⌣ ✩ ⌀ T 🖐 🔨 ↰ ✖ 线宽等 🎨

🖥 Open device options

📷 rab images (photograph) (Support space bar short cut photo)
This software does not support hardware photos. If you need hardware photos, please download Amcap v3.0.9

🐙 video recording (video)

🖥 1280x720 modify the resolution ratio

🖥 100% modify the display scale

┼ show cross line of reference

⁄ show cross line of reference

∥ draw parallel lines

⊙ draw circle

◎ draw concentric circle

▢ draw rectangle

∠ draw angle

◯ draw ellipse

⌣ draw arc

⬠ draw polygon

⌀ arbitrary drawing

T mark words

🖐 stop measurement

🔨 未校准 microscope calibration

↰ return to previous operation

✖ delete all measurement

🎨 Set the line width, the size and color of word

Photo Files

Image	Video
01/08/2019.
09:31 001
09:38 001
09:38 002
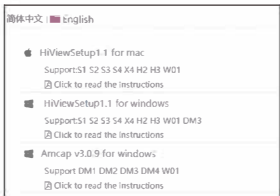09:38 003
11:20 001

Audio Record Files

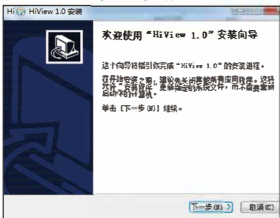| Image	Video
01/05/2019.
11:25 002
11:26 001

If there is any question, please contact our company.The company reserves the right of final interpretation.

■ Windows Install the software
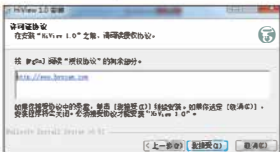
1.Search and click http/soft.hmam.com, select the version you want, wicdows/mac/acmcap, and then download the software.

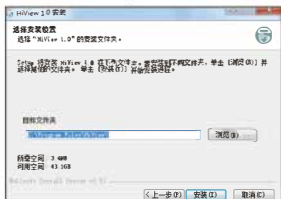2.Click When the following message appears, click Next.

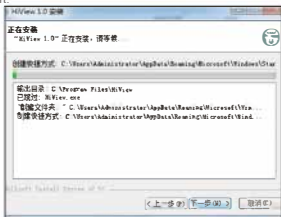3. The following license agreement appears, click "I accept"

■ Windows Install the software

4. The following message appears, select the installation location and click Install

5. The installation message will appear. Please wait for a while for the installation program to start.

6. The following message appears. Check the box to run HiView1.0(R), then click "Finish" and the PC will automatically run the software.
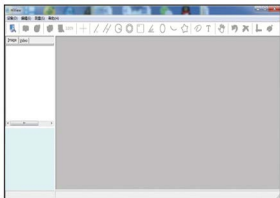
■ Start using the microscope

1.Connect your microscope to the PC via USB cable and double-click the desktop [icon] Open the software, and you will see the following interface after entering the software

2.Click "Device" in the menu bar, then click "Open", and the following information will appear
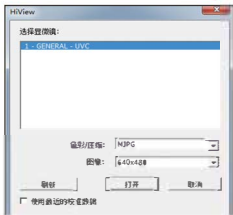
3. As shown in the figure above, select the name of the monitor "GENERAL-UV", then select Color/Condensation (the default is "MJPG"). According to the monitor, adapt to MJPG or YUY2 or select manually, then select "Image", select the image resolution,and click "Open and enter the preview screen, as shown below

■ Install the software on MAC:

1. Search and click http:/soft.hmam.com, select the version you want, and then download the software.

示:

简体中文 | ■ English

🍎 HiViewSetup1.1 for mac

Support:S1 S3 S4 X4 H2 H3 W01

📄 Click to read the Instructions

■ HiViewSetup1.1 for windows

Support:S1 S3 S4 X4 H2 H3 W01 DM3

📄 Click to read the Instructions

■ Amcap v3.0.9 for windows

Support DM1 DM2 DM3 DM4 W01

📄 Click to read the Instructions

2. Double-click to open HiViewSetc.dmg and the following message will appear. Click Next

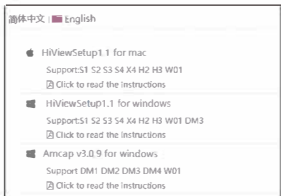
Using the Software

Start using the microscope

1. Connect your microscope to your MAC or notebook via USB cable and double-click on the desktop

Open the software, if the following interface appears

打不开"HiView"，因为它来自身份不明的开发者。

您的安全性偏好设置仅允许安装来自 App Store 和被认可的开发者的应用。

"HiView"位于磁盘镜像"HiViewSetup.dmg"上，"WeChat"于今天下午3:21 了载了此磁盘镜像。

? | 好

1.System Preferences

About This Mac

系统偏好设置...

Recent Items   3 项更新

Force Quit...

Sleep   ⌥⌘⏏

Restart

Shutdown

Lock Screen   ^⌘Q

Sign Out "Google Zhao"...   ⇧⌘Q

2. Open Security & Privacy and select AppStore and Approved Developers

2.Select "Open Anyway"

已阻止打开"HiView"，因为来自身份不明的开发者。   Open anyway

3.The software opening interface is as shown in the figure

HiView - Saved files

T

Saved files
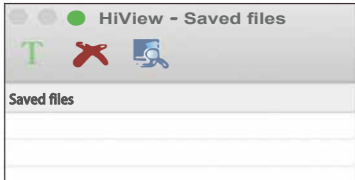
In the menu bar, click   When you open the image, HiView will ask you to access the camera. Select OK.

"HiView" Want to access the camera.

This program will use a UVC microscope as input device.

Not allowed   Allow
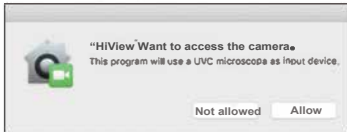
Menu bar function introduction
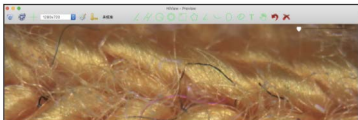
Measure

Click to perform operations such as crosshairs, hundred lines, parallel lines, circles, concentric circles, rectangles, angles, ellipses, arcs, polygons, freehand drawings, text, stop measuring, delete recent, delete all, calibration, options, etc. on the preview screen or photo screen.

Calibration: Set the microscope image to a clear screen and place the calibration ruler under the microscope for calibration, as shown in the figure below. For example, if each grid of the calibration ruler is 0.1mm, and the software calibration ruler is at the 22nd grid position of the calibration ruler, enter 2.2 to calculate the formula 0.1mmx 22mm•2.2mm

(Note: Recalibration is required every time the object distance changes. After calibration, each item can be measured.)

Options 》 You can set the line color, line width, text color, and text size, as shown in the figure
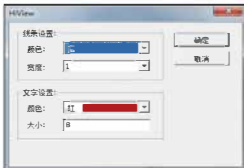
Help:

Language》 Click to switch between simplified Chinese, English, Japanese, Russian, French, German, Arabic, Spanish, Portuguese, Korean, etc. Close (A)》 Click to view software information and version number

Quick function description

Icon	Description	Icon	Description
	Open device options		Capture pictures and take photos
	Recording Video (Video Recording)		100% Modify the display ratio (Support spacebar quick photo taking, this software does not support hardware photo taking)
	12₈₀ₓ₇₂₀ Modify resolution		Draw a straight line
	Show Crosshairs		Draw a circle
	Draw parallel lines		Draw a rectangle
	Draw concentric circles		Draw an ellipse
	Drawing Angle		Draw polygons
	Draw an arc		Dimension text
	Freehand drawing		Calibrating the microscope
	Stop measuring		Delete All Measurements
	Return to previous level		
	Set line width, text size and color		

Photo Files

Image Video

01/05/2019
09:31 001
09:36 001
09:36 002
09:36 003
11:20 001

Video files

Image Video

01/05/2019
11:25 002
11:26 001