

Digital microscope operating instructions

数码显微镜操作指南



1. USB接口 (The USB interface) 2. LED灯光 (LED lights) 3. 拍照按钮 (Photo button)
4. 调控灯光亮度 (Adjust light brightness) 5. U型调节支架 (U-shaped adjusting support)
6. 调焦滚轴 (Focusing roller) 7. 高度、角度调节旋钮 (Height and Angle adjusting knob)

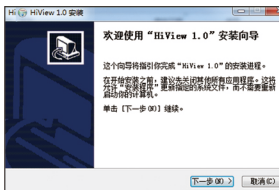
Measuring software

Windows installation software method

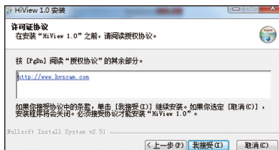
1. Search and click <http://soft.hvscam.com>, Please select the version you need windows/mac/ acmcap. Then download the software, as shown in the figure:



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



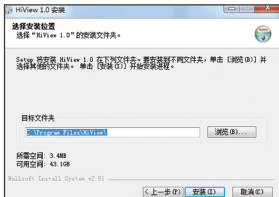
3. Reach the following license agreement, click "accept":



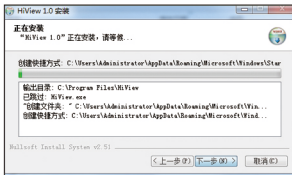
Measuring software

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:



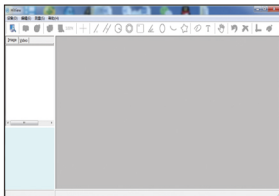
6.Reach the following information: select and operate HiView 1.0 (R), then click “finish”, PC automatically run a software.



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.



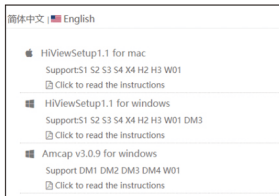
3.As the picture shown above, select the microscopename "GENERAL-UVC". Then select "color/ compression" as the local computer "MJPEG". According to the self-adaption of microscope MJPG, YUY2 or select manually, select the image, after selecting the image resolution, click "open" into the preview screen,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



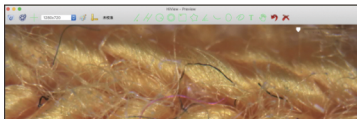
3.The opening interface of software is as shown in the figure.



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




Menu bar function introduction



Measurement:

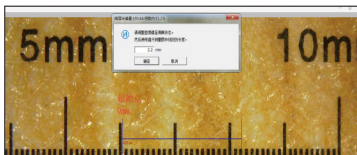
Click to perform operations including cross curve, straight line, parallel line, circle, concentric circle, rectangle, Angle, ellipse, arc, polygon, arbitrary drawing, words, stop measurement, delete recent, delete all, calibration, and options under the preview screen and photo screen.



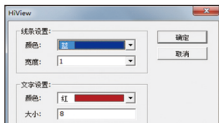
Calibration -》Modulate the microscope image into a clear picture, and place the correction bar at the extremitas anterior of the microscope for correction, as shown in the figure below:  For example, if the specification of calibration bar is 0.1mm per small grid, the software calibration bar should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

The calculation formula is $0.1\text{mm} \times 22\text{mm} = 2.2\text{mm}$

(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



 Open device options

 video recording (video)

 1280x720 modify the resolution ratio

 show cross line of reference

 draw parallel lines

 draw concentric circle


 draw angle

 draw arc

 arbitrary drawing

 stop measurement

 return to previous operation

 Set the line width, the size and color of word

 Grab 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

 100% modify the display scale

 show cross line of reference

 draw circle

 draw rectangle

 draw ellipse

 draw polygon

 mark words

 未校准 microscope calibration

 delete all measurement

Photo Files



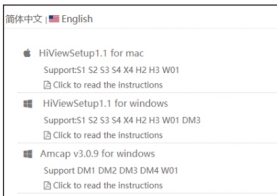
Audio Record Files



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

■ Windows安装软件方法

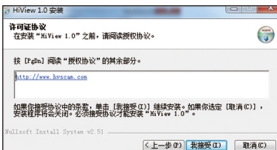
1.搜索并点击<http://soft.hvscam.com>, 请选择你需要的版本windows/mac/ acmcap,然后下载软件。如图所示:



2.点击 HiViewSetup.exe 打开出现以下信息, 点击下一步:

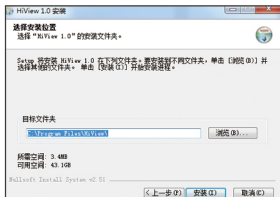


3.出现以下许可证协议, 点击“我接受”:

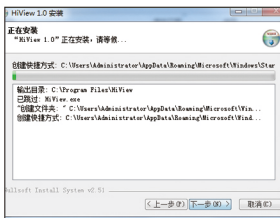


■ Windows安装软件方法

4.出现以下信息，选择安装位置并点击安装：



5.出现正在安装信息，稍等片刻，等待自动安装程序：



6.出现以下信息：勾选运行HiView 1.0 (R)，然后点击“完成”，PC自动运行软件。



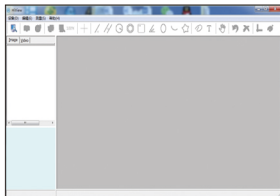
使用软件

开始使用显微镜

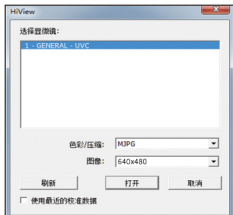
1. 将您的显微镜通过USB线连接到PC，双击桌面



打开软件，进入软件后您会看到以下界面：



2. 在菜单栏中点击“设备”，然后点击“打开”，出现以下信息：



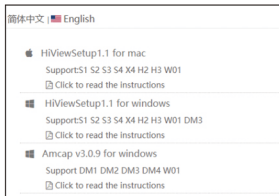
3. 如上图所示，选择显微镜名称“GENERAL-UVC”，然后选择“彩色/压缩”默认为“MJPG”根据显微镜自适应MJPG或YUY2或手动选择，然后选择“图像”，选择图像分辨率后点击“打开”进入预览画面，如下图所示：



测量软件

■ MAC安装软件方法：

1.搜索并点击<http://soft.hvscam.com>，请选择你需要的版本windows/mac/ acmcap,然后下载软件。如图所示：



2.双击打开HiViewSetu.dmg出现以下信息，点击下一步：



使用软件

USING THE SOFTWARE

■ 开始使用显微镜：

1.将您的显微镜通过USB线连接到MAC电脑或者笔记本，双击桌面出现以下安全提示：

以下界面：



打开软件，如



解决方法如下：

1.系统偏好设置



2:打开安全性与隐私 选择AppStore和认可的开发者



选择“仍要打开”



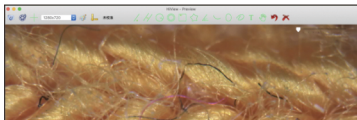
3.软件打开界面如图



在菜单栏中点击， 打开图像出现HiView 想要访问摄像头选择 好



菜单栏功能介绍




测量：

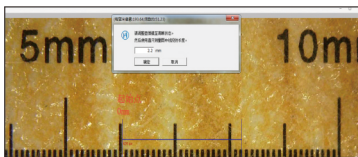
点击可在预览画面或照片画面下进行十字线、直线、平行线、圆、同心圆、矩形、角度、椭圆、圆弧、多边形、随意画、文字、停止测量、删除最近、删除全部、校准、选项等操作。



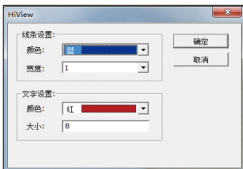
校准--》置显微镜图像调制清晰画面，把校正尺放置显微镜下端进行校正，如下图所示：

示：列如校正尺每小格为0.1mm，软件校准尺在校正尺的22小格位置，输入2.2即可
计算公式 $0.1\text{mm} \times 22\text{mm} = 2.2\text{mm}$

(注：每次变化物距需进行重新校准，校准后即可进行各项目测量。)



选项--》可进行线条颜色、线条线宽、文字颜色、文字大小设置，如图所示：



帮助：

语言--》点击可进行简体中文，英语，日语，俄语，法语，德语，意大利语，西班牙语，葡萄牙语，韩语等语言切换。关于（A）--》点击可查看软件信息及版本号


快捷键功能说明



 开启设备选项

 录制视频（录像）

 1280x720 修改分辨率

 显示十字参考线

 画平行线

 画同心圆


 画角度

 画圆弧

 随意画

 停止测量

 返回上一层

 设置线宽、文字大小和颜色

录像文件



 抓取图片(拍照) (支持空格键快捷拍照) 本软件不支持硬件拍照

如需硬件拍照请下载Amcap v3.0.9

 100% 修改显示比例

 画直线

 画圆

 画矩形

 画椭圆

 画多边形

 标注文字

 未校准 校准显微镜

 删除所有测量

照片文件

