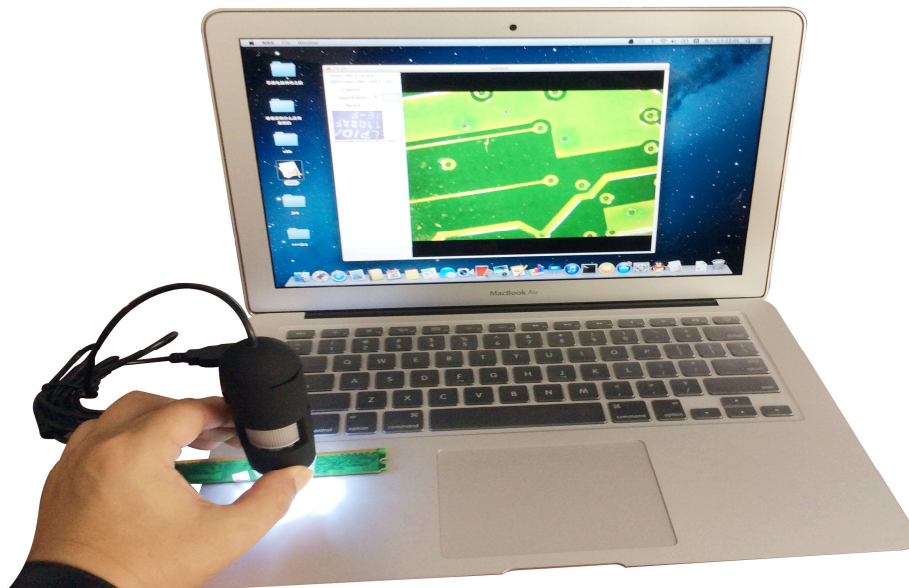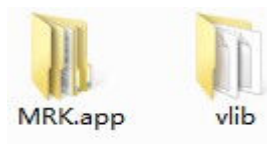# Instructions for Mac software

Mac10.8 above operating system

1.Part I How to Install the Software

Open the Mac folder from the CD and then copy it to your Daily use of the desktop, you must put two files are copied over, otherwise invalid.As shown below:
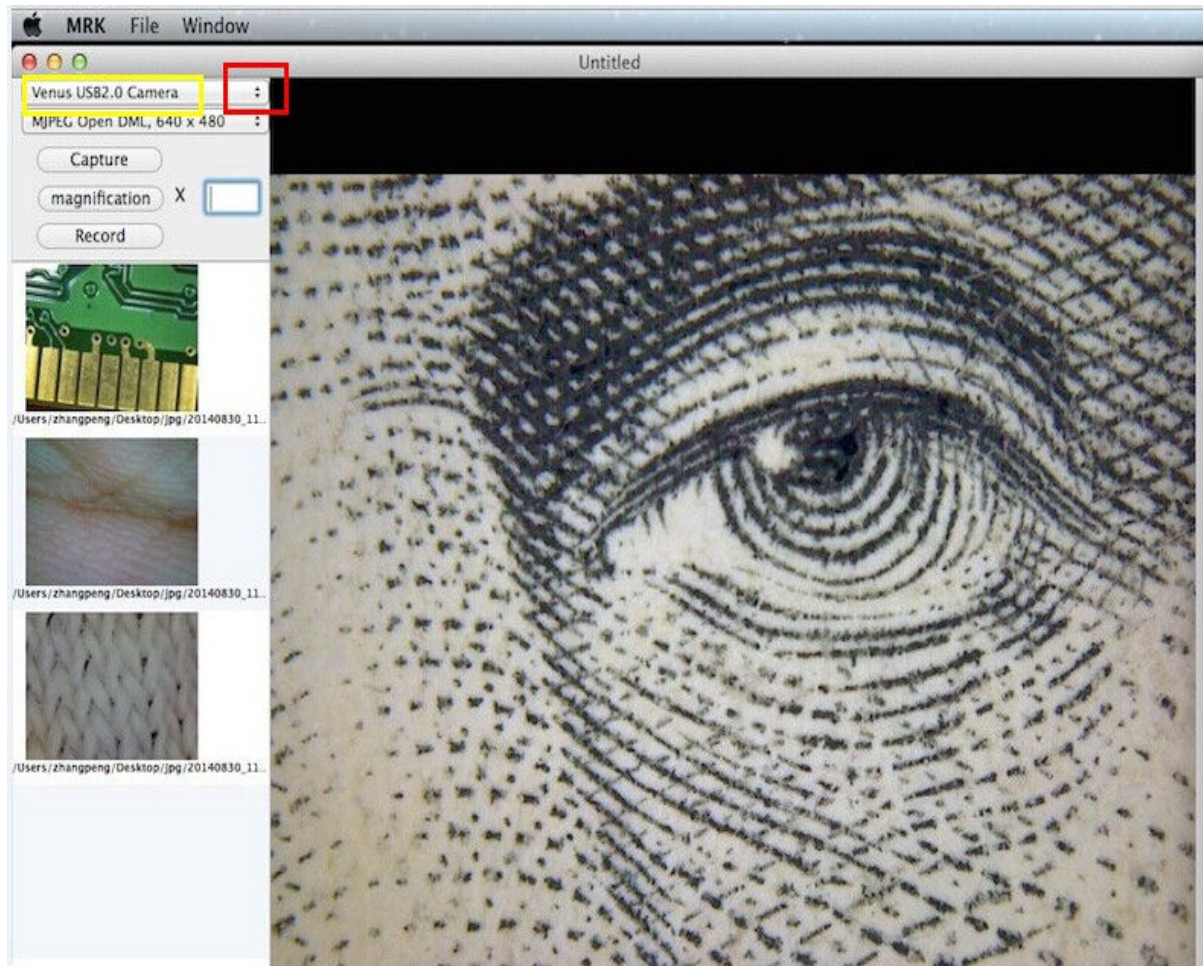

MRK.app   vlib

2. Plug your Microscope into PC USB port.
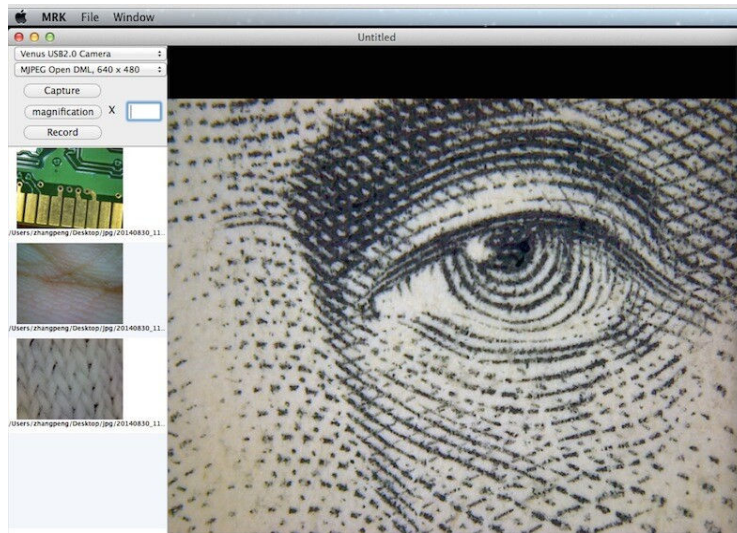
3. Double click MRK icon to open the MRK window.
4.use the mouse to click on the video page red box arrow, and then select the yellow box video equipment to open the following screen,The microscope is now ready to use
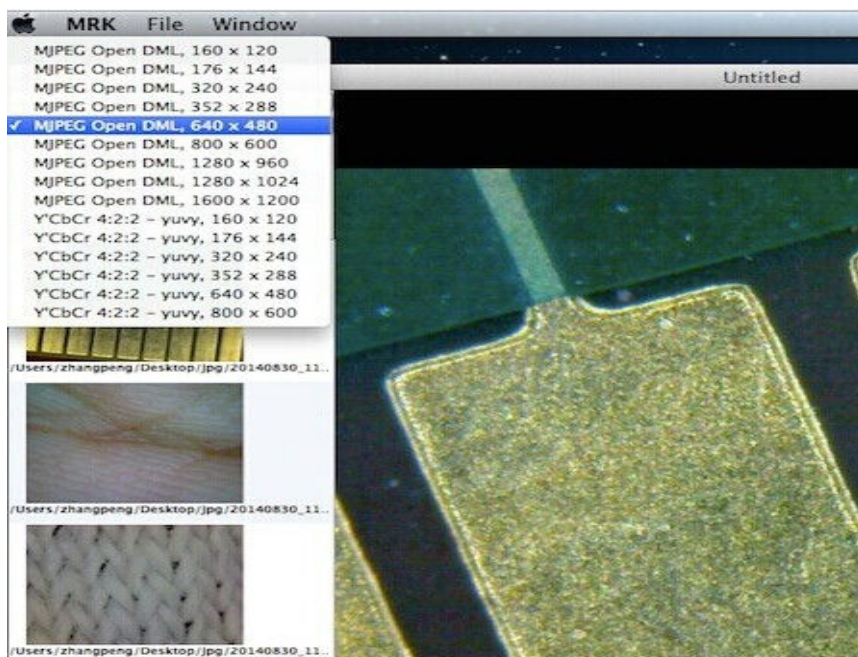

5.Preview

At the central window, you can preview the magnified subject

6.Change preview resolution

From Options, you can choose the preview resolution. The current resolution will be displayed at the left bottom corner of the preview window.
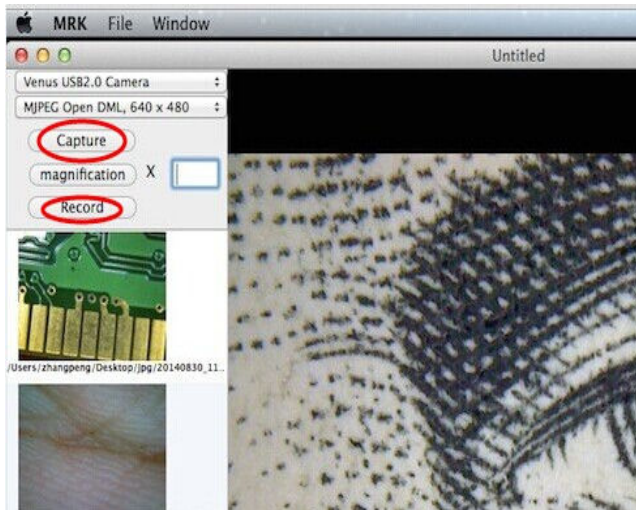
Please note that the preview window size always remains at 640x480 but the current resolution will show in the upper left corner.

7.Photo capture

You can capture photo by:
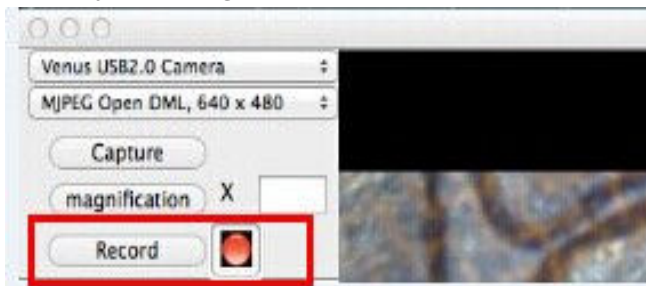
1) Choosing Capture/Record
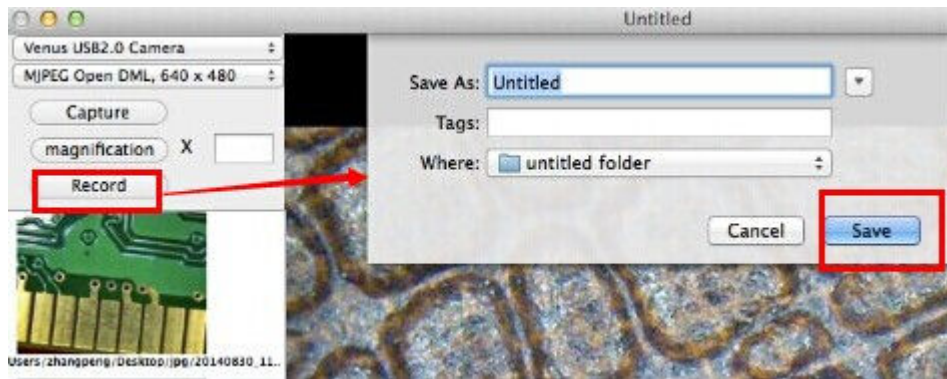
2) clicking photo capture icon

3)Pictures shot saved in the JPG desktop folder .

8.Video capture

1)clicking video capture "Record"。 video screen with an icon flashing in the display is being recorded。 (video capture recommended 640 * 480 resolution).
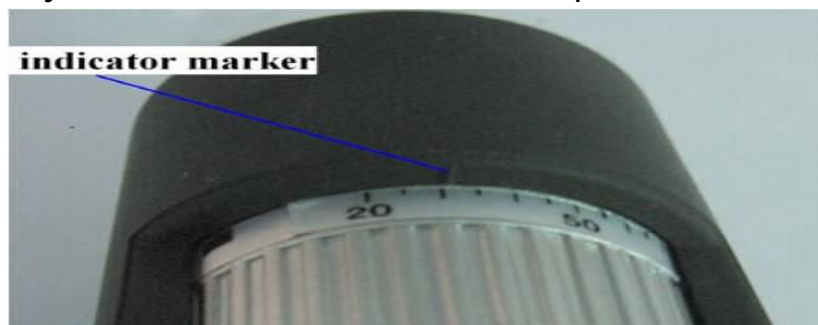

2）When finish the video , then please click again "Record" 。Then save the video, video is saved in the default desktop, or you can save it according to their own habits.

9.How to use measurement & calibration function

1). Point the microscope onto a target, such as a ruler, rotate the focus wheel to get a clear focus. Watch the calibration at the lower-end of the focus wheel; note down the magnification value that corresponds to the indicator marker on the microscope body as shown below. That value is the magnification at which the focus was set and the image taken. (This is very important, since only with the magnification ratio noted down can the object size be worked out at later steps !!)
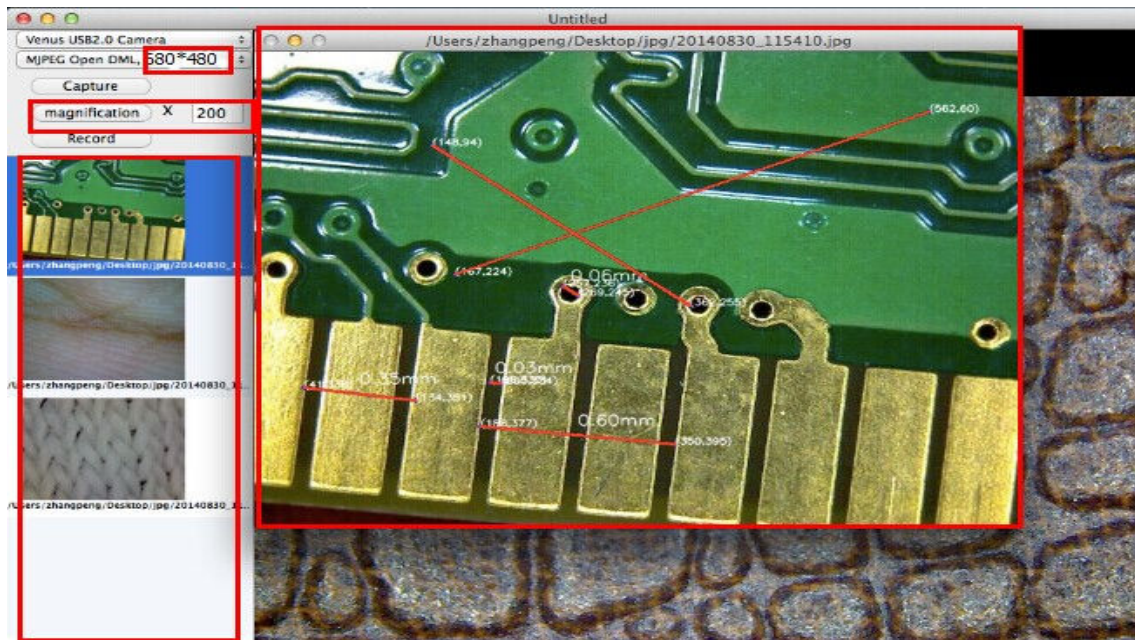

2).When the focus at the clearest point, take a snapshot

3).Please note it is necessary in the box to input the magnification ratio noted down on step1; otherwise the measurement is meaningless in the following figure.

4) .Direct line: click, left-click mouse to choose a start point and drag mouse to an end point, Notice that the measurement is displayed. Release the mouse when done.

5). the measurement is completed, click on the computer enter key, the edited photo is saved in newjpg folder.

11.Note:

1).The magnification ratio you are allowed to input is from 20X, 50X, 150X, 200X, 300X, 400X, 500X, 600X and can be measured to find the photo must be 640 * 480 resolution.

2).The measurement value worked out by the software is only for reference; it may not be 100% correct.

3).The measurement function is only available on Mac Operating System.

12.Quit MRK

Choose Quit MRK as follows, you can quit the software