BEION Program for Manual Splicing Images Operating Manual

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1 Program Introduction

This program can be connected to manual microscopes, splicing images one by one, which are taken under many continuous visions. Expanding the camera vision of microscope image can be used to obtain the specimens' panorama of multi visual fields.

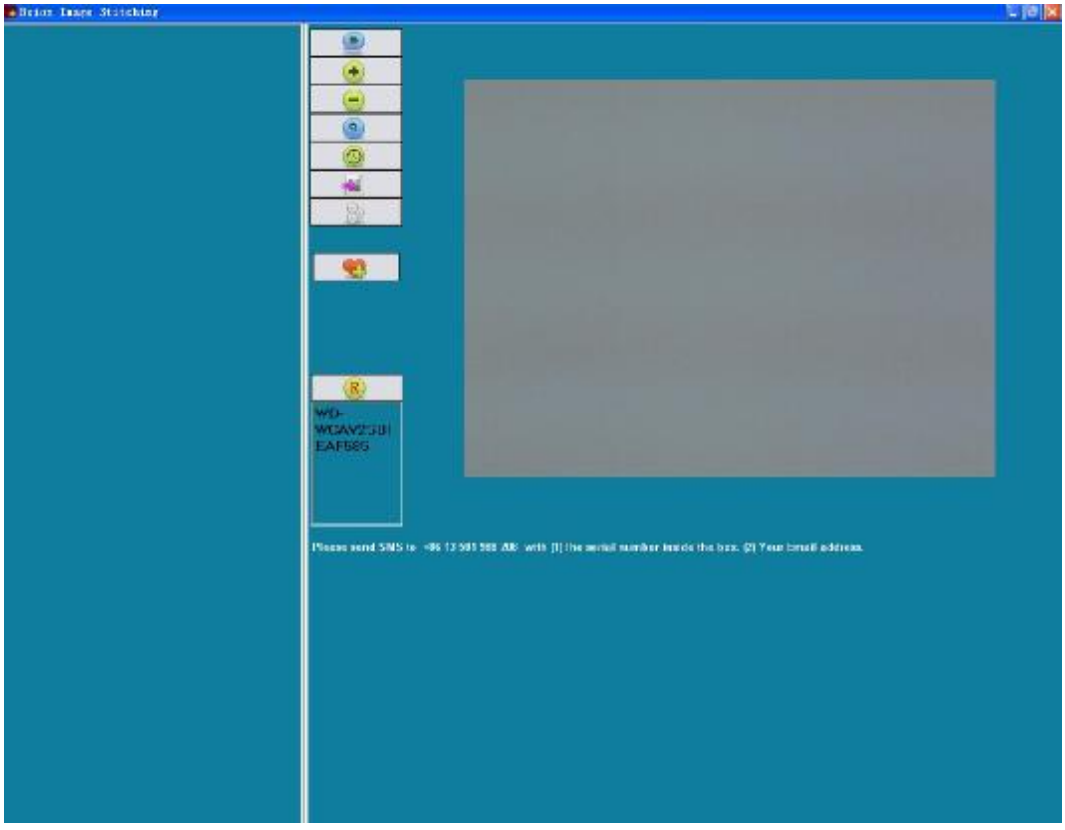
2 Hardware Requirements

1. Computer: CPU Dual Core 2.0GHZ or above, 512MB RAM or above, 128MB video memory or above, 17 'LCD displays or above
2. Software Requirements
Windows XP SP2.0 or above

3 System installation

Green installation, to copy the program to any directory, and then double-click to run.

4 Login the interface



5 Software registration

After login the interface, in accordance with the software registration tips, send by SMS the serial number in the box on the left side, together with your Email address to +86 13 501 988 208. Prompt registration is successful, the box on the left side will no longer display, and the software can be used normally.

6 Instructions for the program window functions

Zoom in to display the current spliced images
Zoom out display the current spliced images
DISPLAY THUMBNAIL OF THE CURRENT
Display original size of the current spliced images
Save the current spliced images
Parameters Setting

7 Operation procedures

1. Connect the camera to the manual microscope.

2. Run the program（BEION Program for Manual Splicing Images）.

3. Find the splicing targets (targets are required to be continuous, such as a cloth, or the targets on a continuous surface) if you want to splice fiber, then only the intensive kind of fiber can make it. Find the targets and focus.

4. Click on this button  , on the left of the video, appears a vertical rectangular section. This rectangular section corresponds to the corresponding area on the right side of the current video

5. Rotate the microscope knob manually, enabling the video area on the right side and the vertical rectangular section to overlap, then click on this button  to splice images.

6. After splice images, the rectangular section on the left side will update to show the right of

the current video, if you need to continue to splice images on the right, Rotate the microscope knob manually, enabling platform to mobile, to make the video area on the right side and the vertical rectangular section overlap, then click on this button  to splice images, at this time the first line is spliced.

7. When the splicing of the first line is finished, and the second line needs splicing, click and select the "splice downward", at this time, above the video will appear a horizontal rectangular section, the corresponding position corresponding to the bottom of the current video, Rotate the microscope knob manually, enabling platform to move, to make the video area on the right side and the vertical rectangular section overlap, then click on the button  to splice images.
8. Since then, starting to splice images from right to left, rectangular vertical section will appear on the right of the video, corresponding to the left location of the video. To continue to splice the second line, until as long as the first line spliced. The position of spliced images can be seen from the left thumbnail.
9. If you need to splice the third line, click again and select the " splice downward", once again press, at this time, the horizontal rectangular section will appear above the video, corresponding to the corresponding position at the bottom of the current video, manually rotate microscope knob, enabling platform to mobile, to make the video area at the bottom and the horizontal rectangular section overlap, then click on this button  .
10. If you do not need to continue splicing, click on this button  . Complete the splicing.

8 Notes

1. Program for manual microscope to splice images to be a continuous big picture, if the hardware and operating system meet the requirements, a very large picture can be spliced continuously.

2. The splice targets must to be distributed on a continuous surface, such as a texture of cloth, or something similar, if not continuous, splice will be difficult.

3. Microscope vision requires edge deformation to be small, the image uniformity to be good, and then we can splice a good image.