# Mshot

# Guangzhou Micro-shot Technology Co.，Ltd

# MD28-W

# Imaging Software User Manual

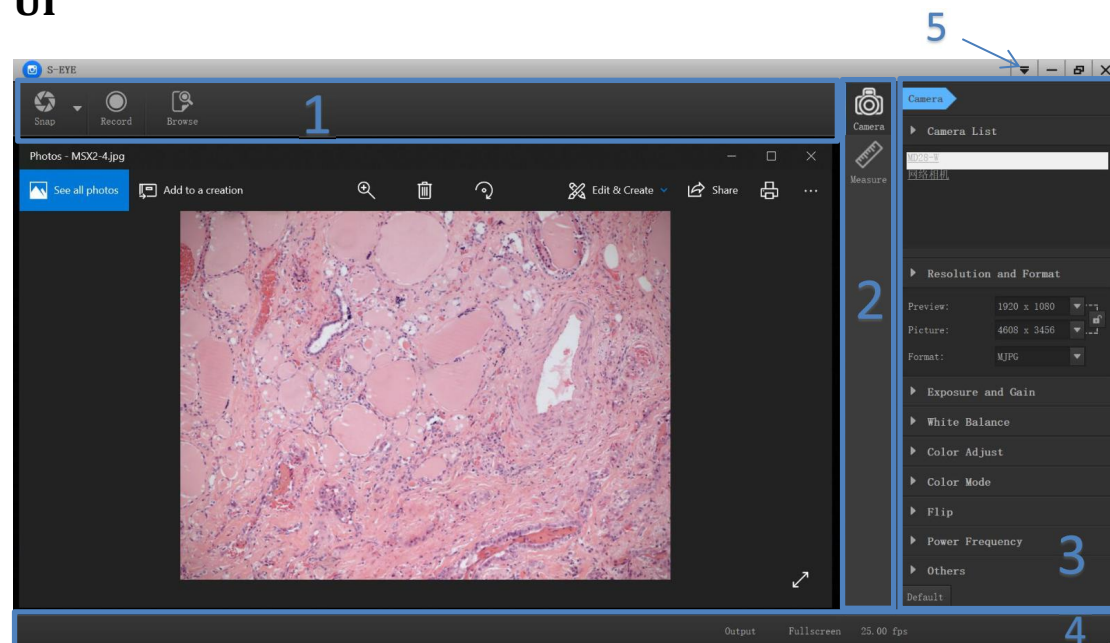# Introduction

MD28-W imaging software called S-EYE, it is target for microscope camera imaging processing featured with below advantages:

1. Support various camera to change over at any time.
2. GPU render for image preview, support high resolution and high frame rate dynamic imaging.
3. Support dynamic image measurement.
4. Simple use UI.

# UI



1. Toolbar: provide common operations such as image snap and video recording

2. Sidebar switch label: used to switch the rightmost control panel. Currently, it provides camera control and measurement functions.

3. Sidebar control panel: specific camera operation and control

4. Status bar: used to display status information and control related to software display, such as full screen, zoom, etc.

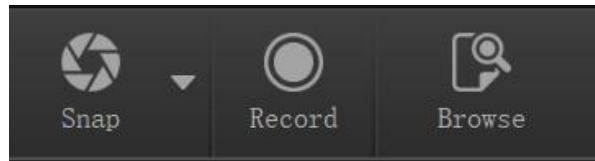5. Main menu: used to display setting interface, software information, etc.

# Image capture

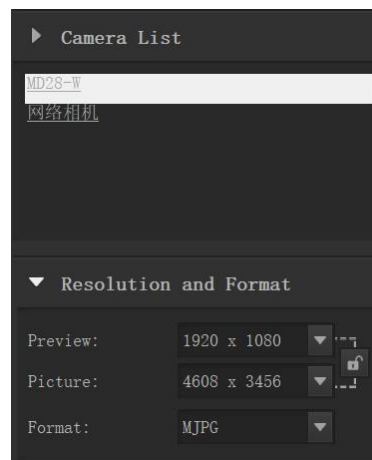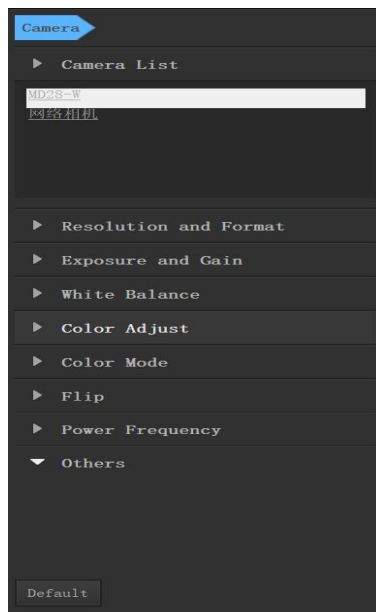S-EYE currently provides image snap and video recording functions：

1.Snap: click the snap button to capture a photo. Click the small arrow on the right of the snap button to pop up the menu to set the file format and photo size.

2. Record: click the video button to start recording. Click again to stop recording. The video file is
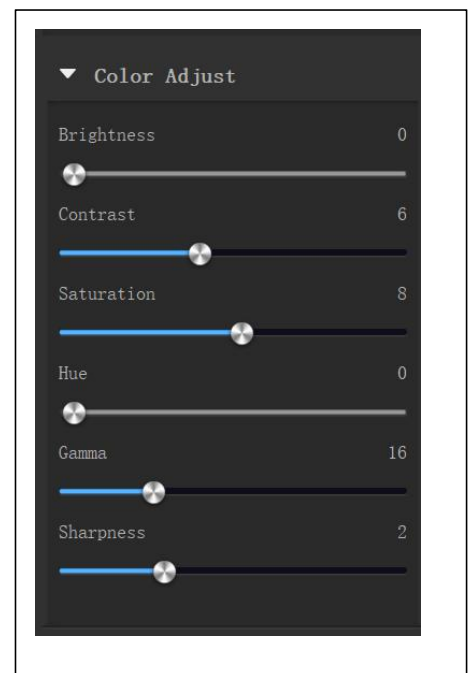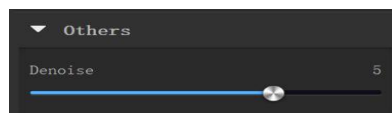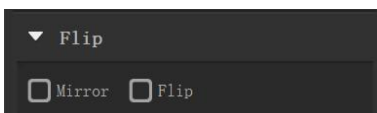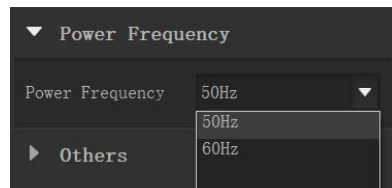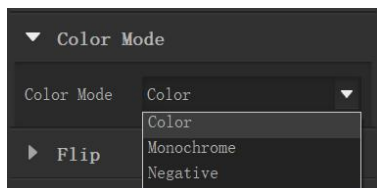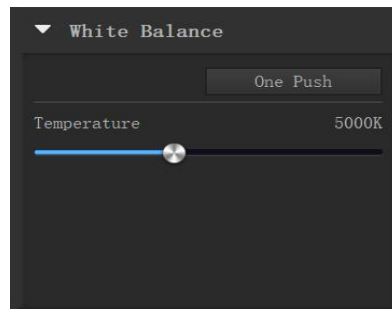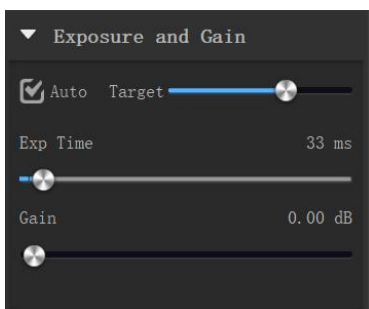
H.264 with MP4 suffix.

3. Browse: click Browse to open the image file storage location with Windows Resource Management.

# Camera Control

Camera List: You can choose different type cameras, resolution, frame rate and Image format to take photo.

# Measurement

| Icon | Function | Content |
|------|----------|---------|
| | Move | Move the measuring tool on the screen, move or move an end point as a whole |
| | Point | Mark a point on the image |
| | Straight line | Draw a line, measure the length of the line |
| | Polyline | Draw a polyline, right-click to finish drawing, and measure the total length of the polyline |
| | Rectangle | Draw a rectangle and measure its area |
| | Irregular polygon | Draw irregular polygon, right-click to finish drawing, measure the area of polygon |
| | Circle | Center and radius determine the circle, and measure the radius and area of the circle |
| | Two point circle | Two points of diameter and circumference determine a circle, and measure the radius and area of the circle |
| | Three point circle | Three points on the circumference determine a circle, and measure the radius and area of the circle |
| | Arc | Three points determine an arc and measure the length of the arc |
| | Angle | Measure angle |
| | Point distance | Measure the vertical distance from a point to a straight line |
| | Delete | Delete a measuring tool. After selecting the deleting tool, click a point endpoint of the measuring tool on the screen to delete the measuring tool |
| | Delete all | Delete all measurement on image |
| | Export | Export all measurement data to CSV document and open by Excel |

# Troubleshooting

Part of the preview image is blank, and part of it is normal.

Might be graphics card driver is not installed. Please install the latest graphics card driver.