

Quick Start

Mshot Software V1.6

Step 1. Install driver



Copy driver file to PC

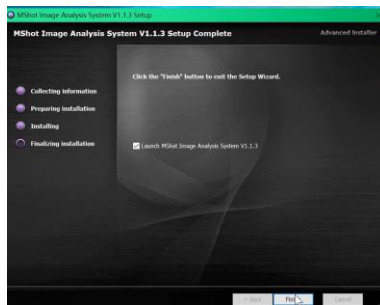


Open and double click installer to install driver

Step 2. Install software



Copy software to PC

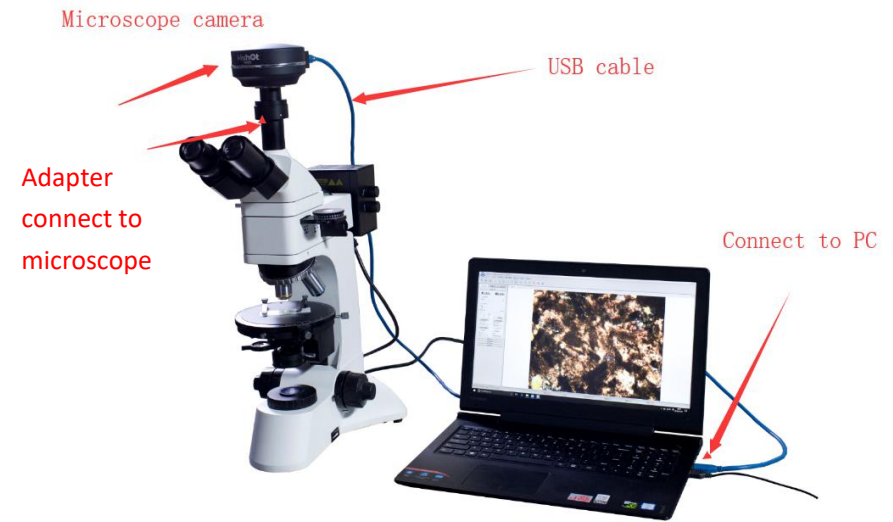


Double click to install software



Software installed

Step 3. Connect Microscope camera to microscope and PC by USB



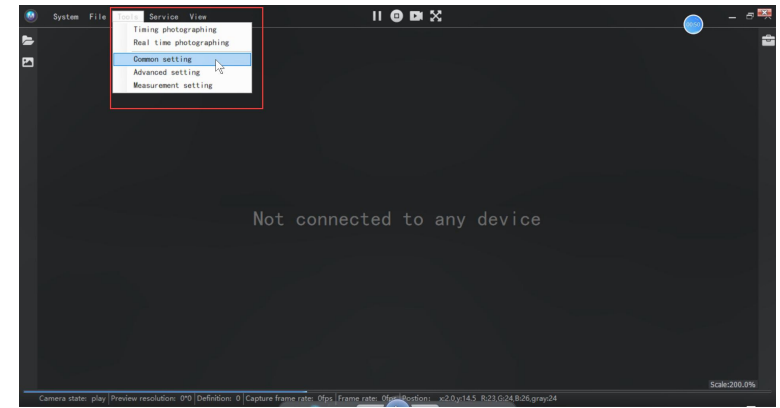
Step 4. Software common setting



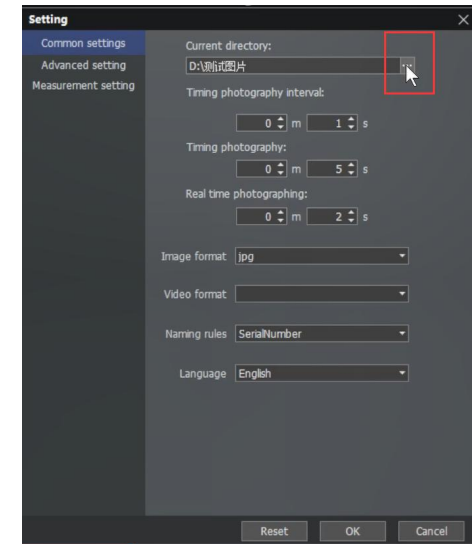
Single click software to run



Popup software window



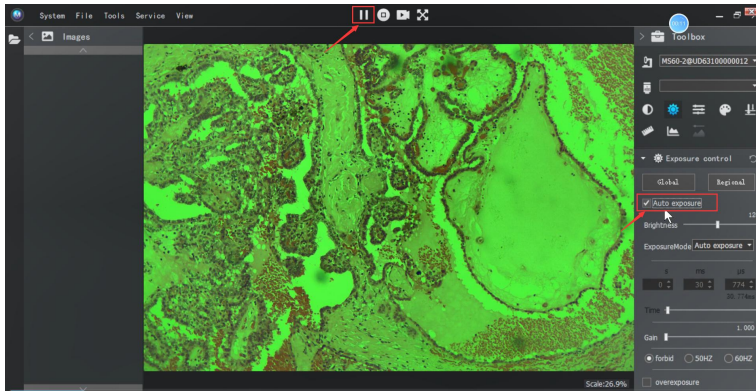
Click 'Tools' - 'Common setting'



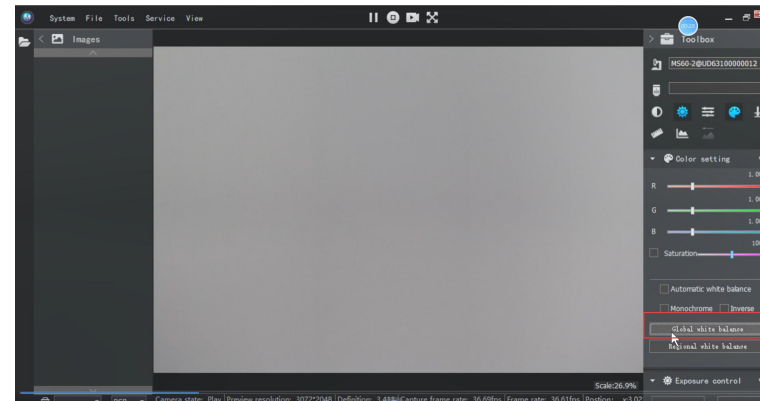
Select or new build file in PC to save captured images

Step 5. Play the camera to show image

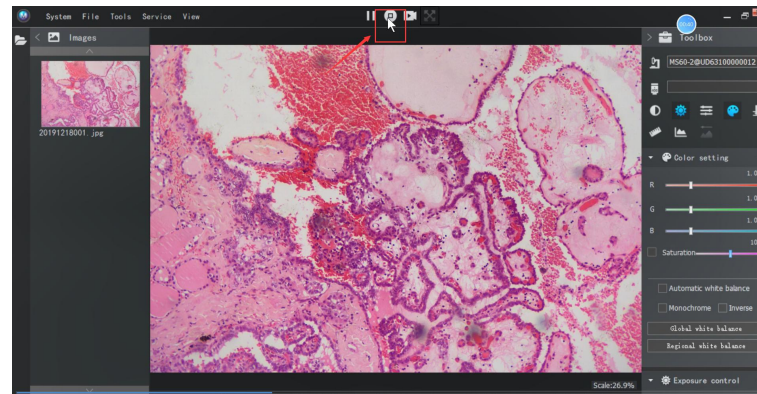
5.1 Bright field



5.1.1 Auto exposure

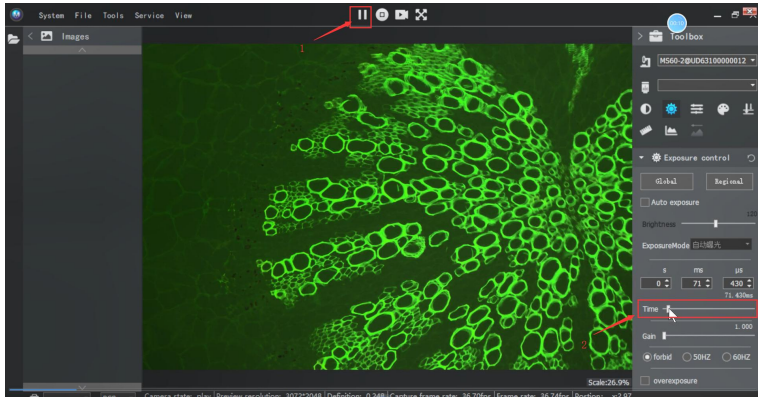


5.1.2 White balance - Move slide away from objective view - Click 'Global white balance'
(Image view turn to gray means white balance done, **DO NOT** click auto white balance again)
(Auto white balance is for entry level users - do not know how to do manual white balance)

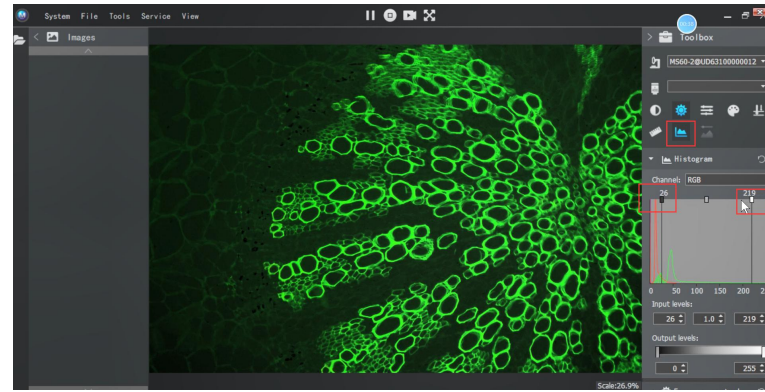


5.1.3 Move slide back - Snap image

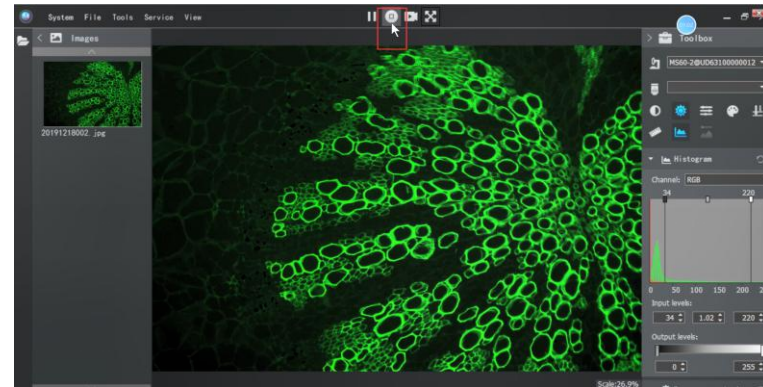
5.2 Fluorescence (Please do 'Global white balance' first as step 5.1.2)



5.2.1 Play the camera - Manual set exposure time till see image



5.2.2 Set Min value and Max value get best performance image



5.2.3 Snap the image

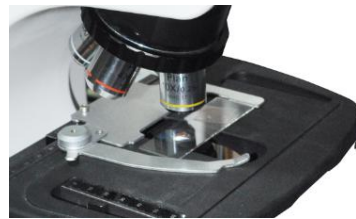
Step 6. Calibration and Measurement

6.1 Calibration

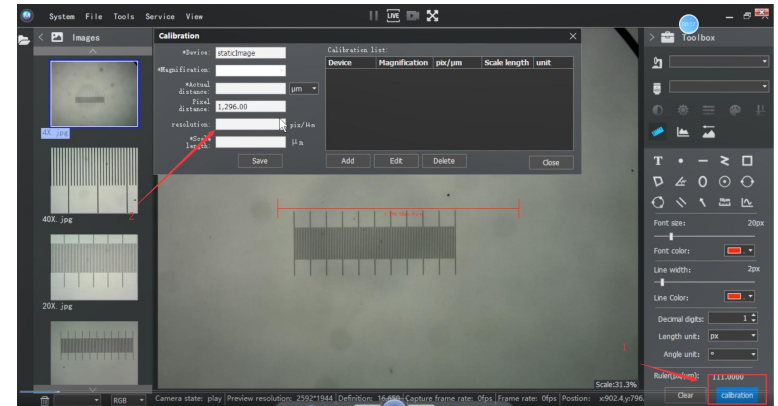
Get a stage micrometer and put under objective, take images by microscope camera with each objective.



Stage micrometer (unit 1DIV=0.01mm, 100 units)

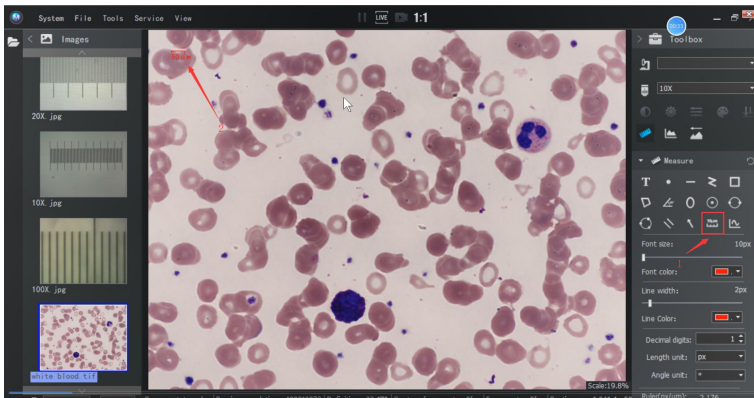


Take image with each objective

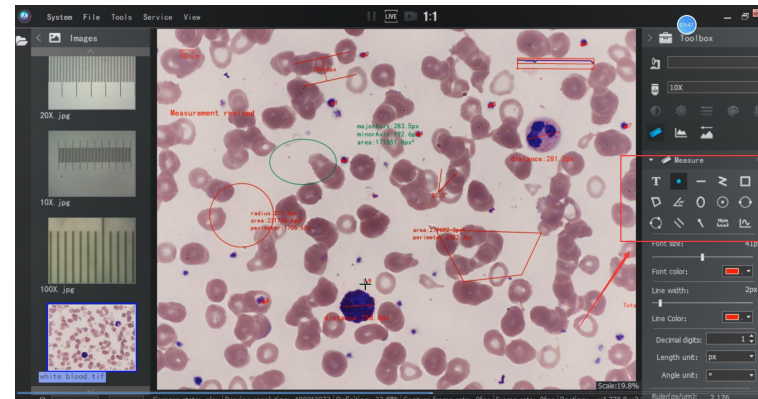


Click 'Calibration' with each stage micrometer image

6.2 Measurement



6.2.1 Add 'Scale bar'



6.2.2 Click measurement tools to measure