ZWO Micro-Manager
Plug-in Manual

Revision 1.0

Jan, 2017

Table of Contents

Change history

date	revision	comment
2017.1.11	1.0	new document
2017.1.13	1.1	add filter wheel

Instruction

Micro-Manager is software for control of microscopes. It works with almost all microscopes, cameras and peripherals on the market, and provides an easy to use interface that lets you run your microscopy-based experiments. It is Open Source, and is free, cross-platform code-base (Windows, Mac and Linux).
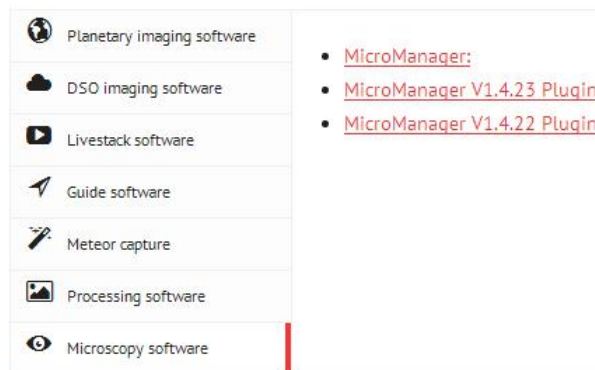
1. Driver install

Download plug-in installer of corresponding version's Micro-Manager from ZWO official website,
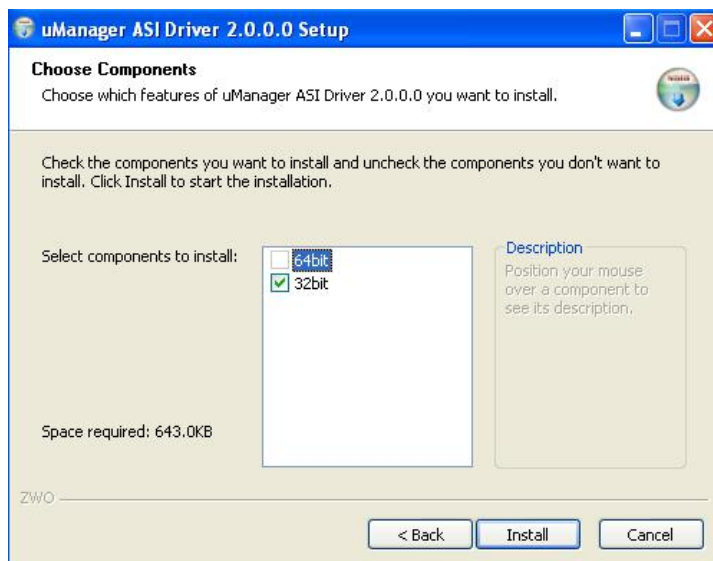
Windows：ASI_Micromanager_setup.exe,

MacOSX：uManager_1_4_23_ASICamera_Mac.dmg or uManager_1_4_22_ASICamera_Mac.dmg,

Currently the latest version we support is MicroManager1.4.23, it supports ASI camera and EFW filter wheel of our company.
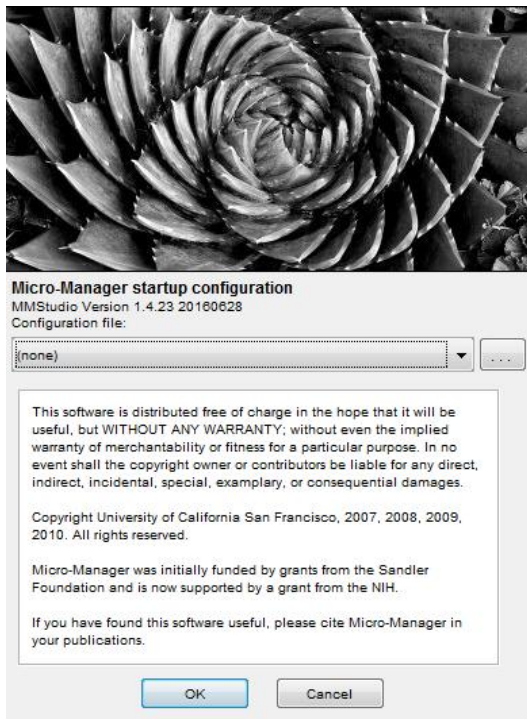

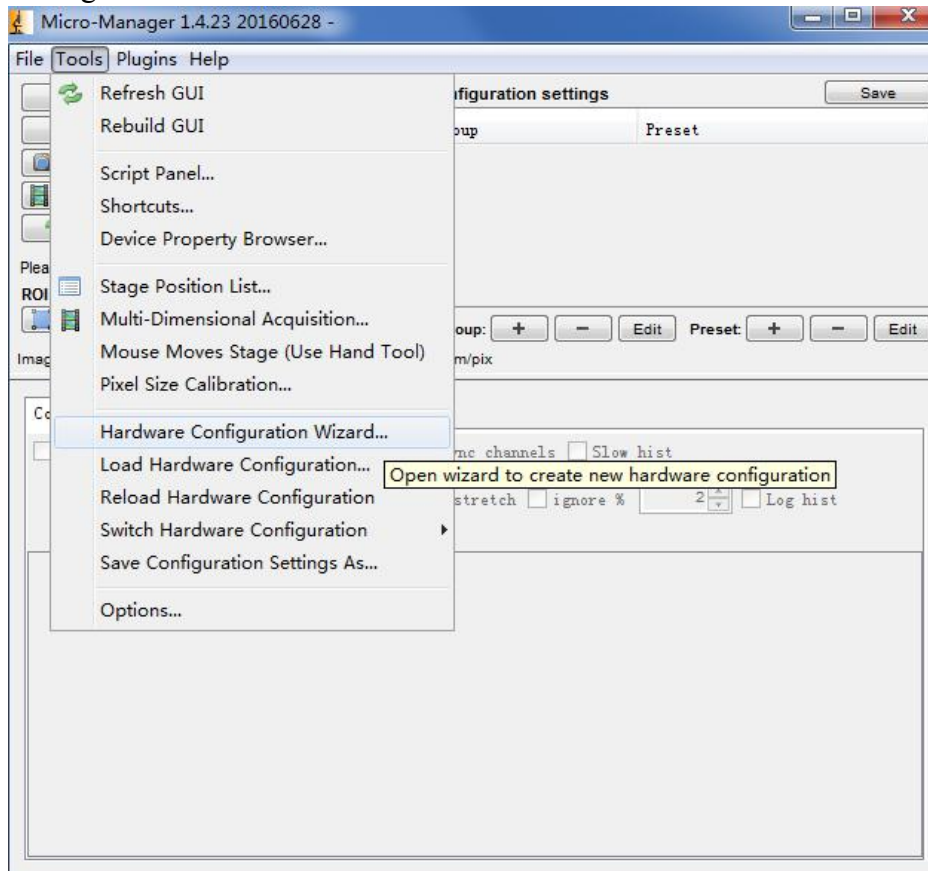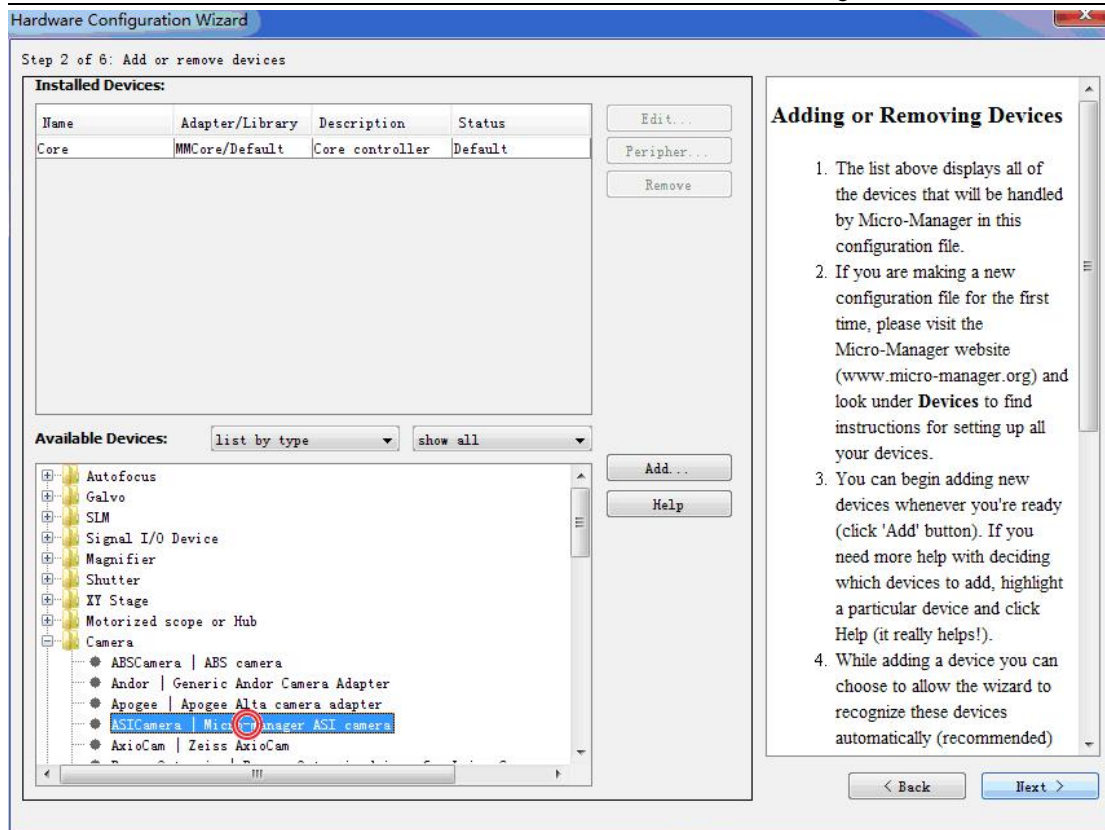Take the installer for Windows as an example, run the setup program

2. Camera control

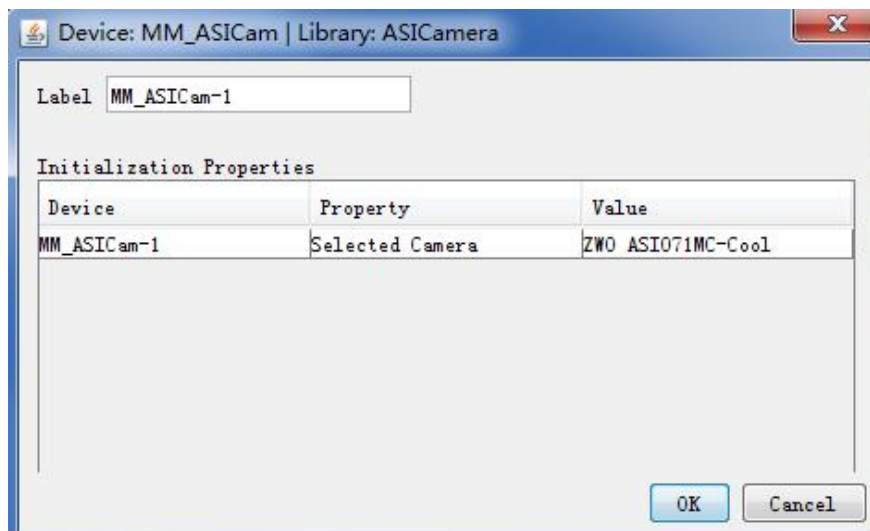# 2.1 Hardware configure
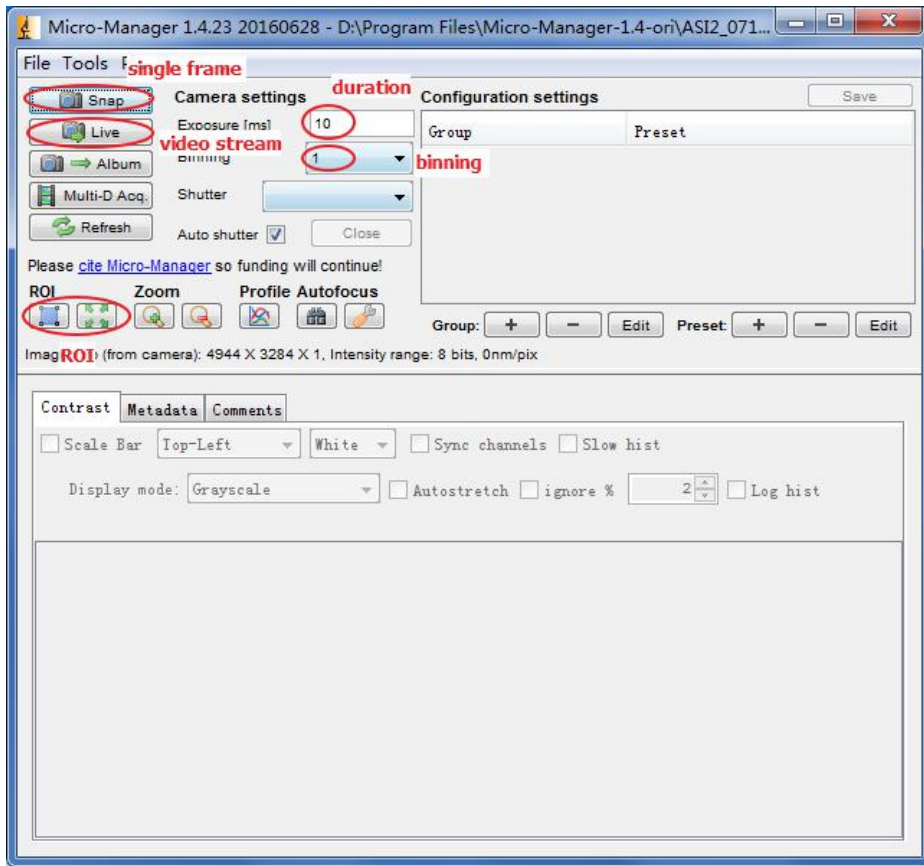
When launch first time, choose none.

Configure ASI camera

Choose camera model

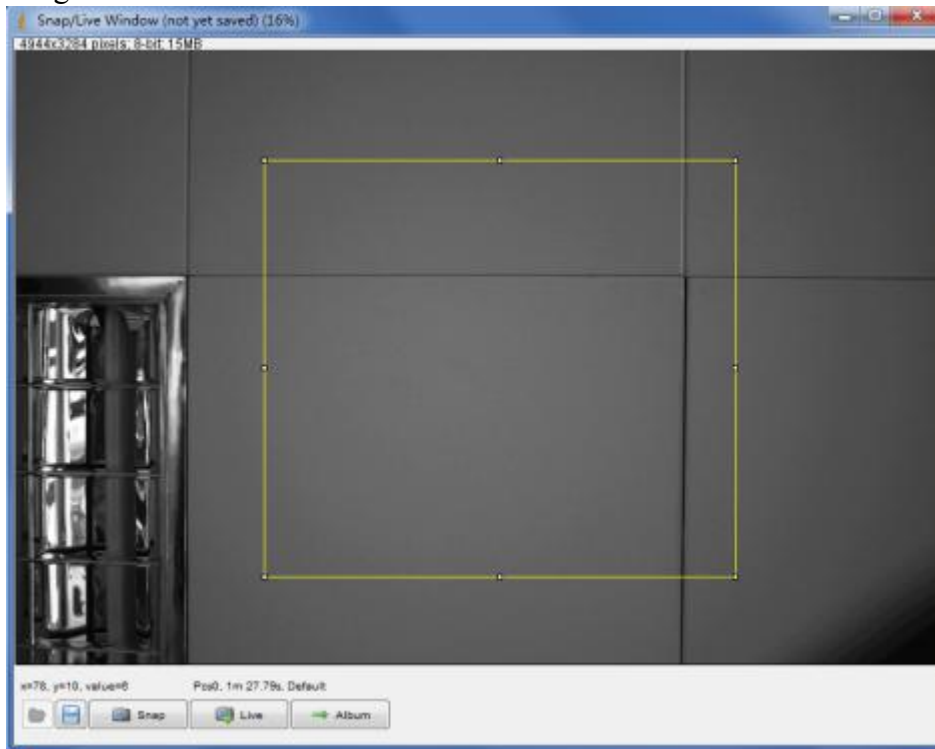

Finally save configuration

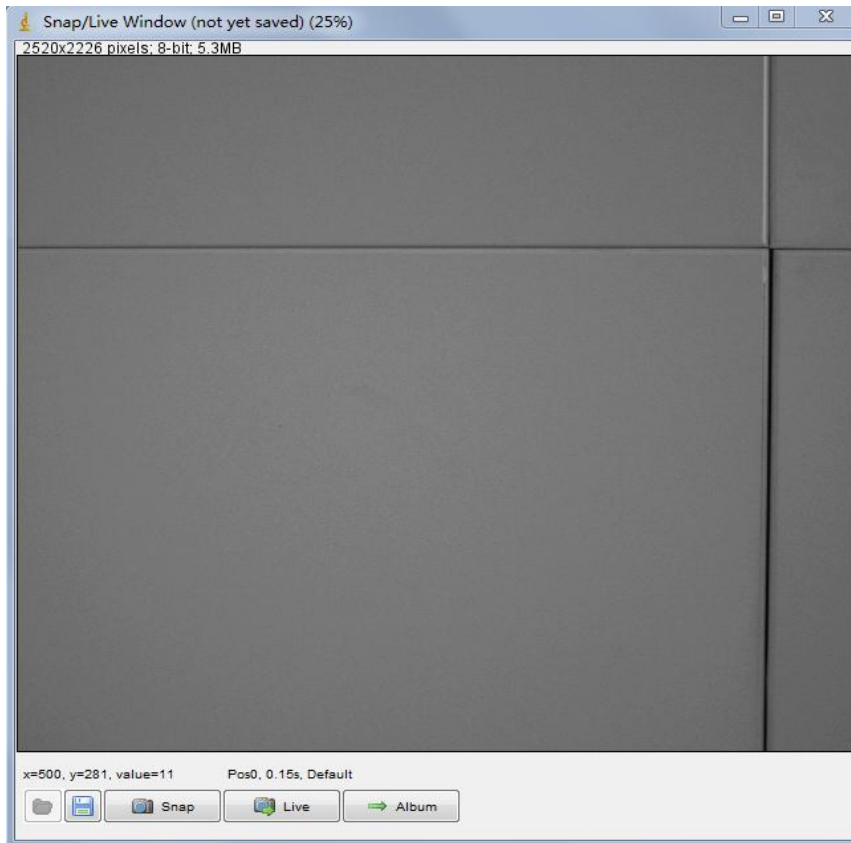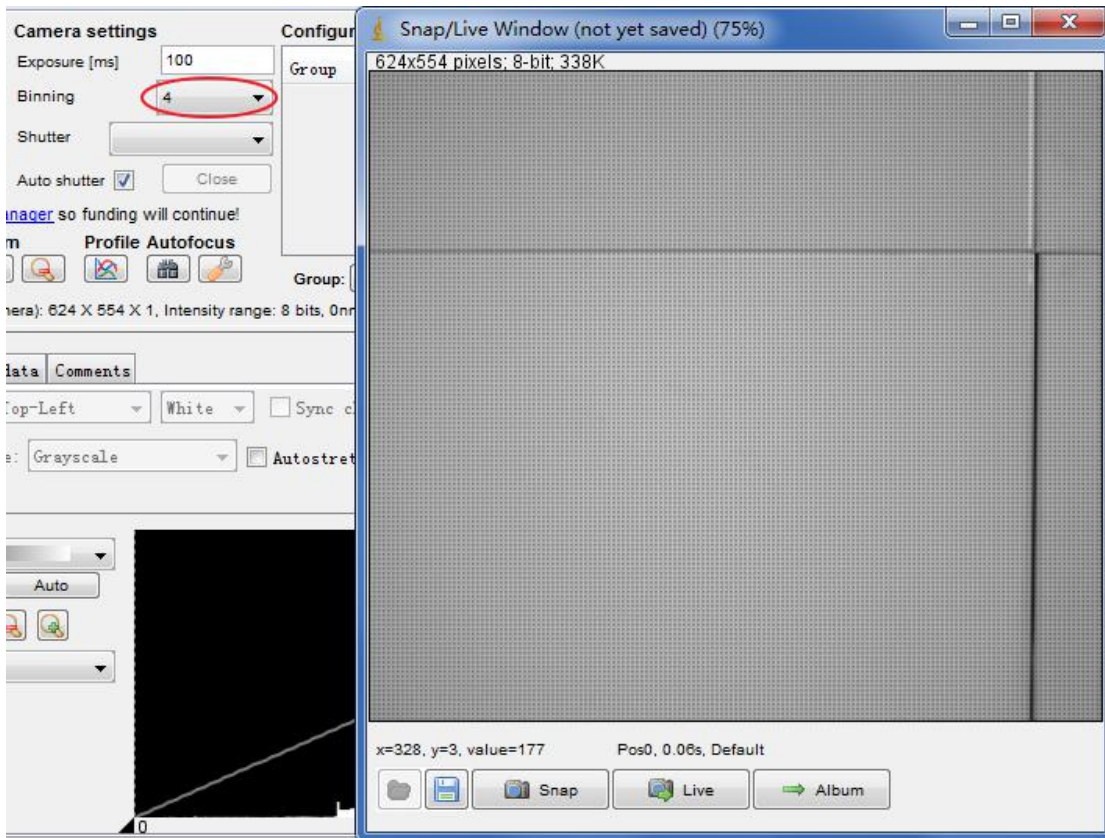# 2.2 Frame capture

Drag a area as RIO

New region

This camera supports bin1/2/3/4, below picture is bin4

2.3 Device property

Open property panel
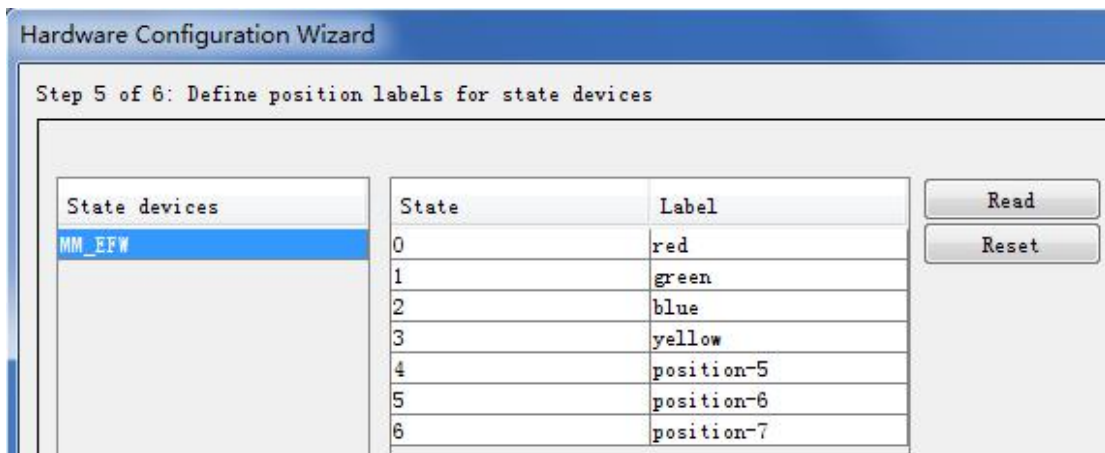
Image type

3. Filter wheel control

3.1 Hardware configure

Open menu->Tools->hardware configuration wizard, view as list by vendor mode, double click EFW under ASICamera.
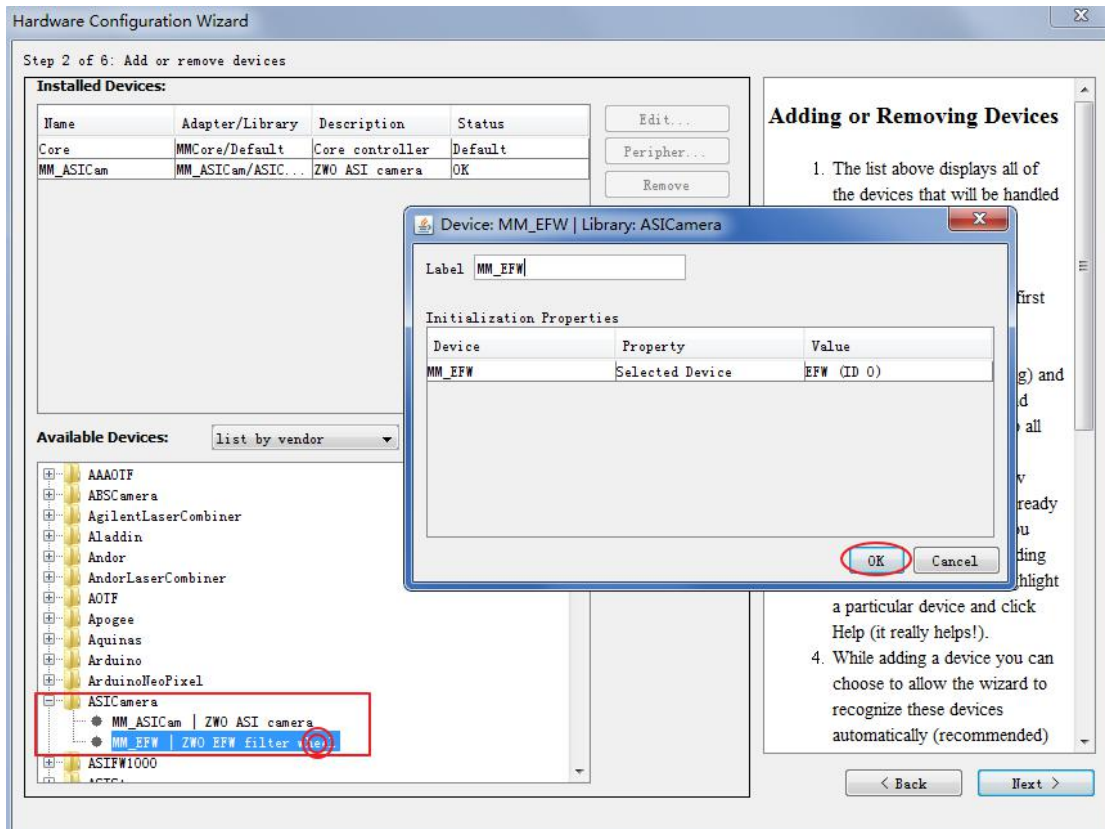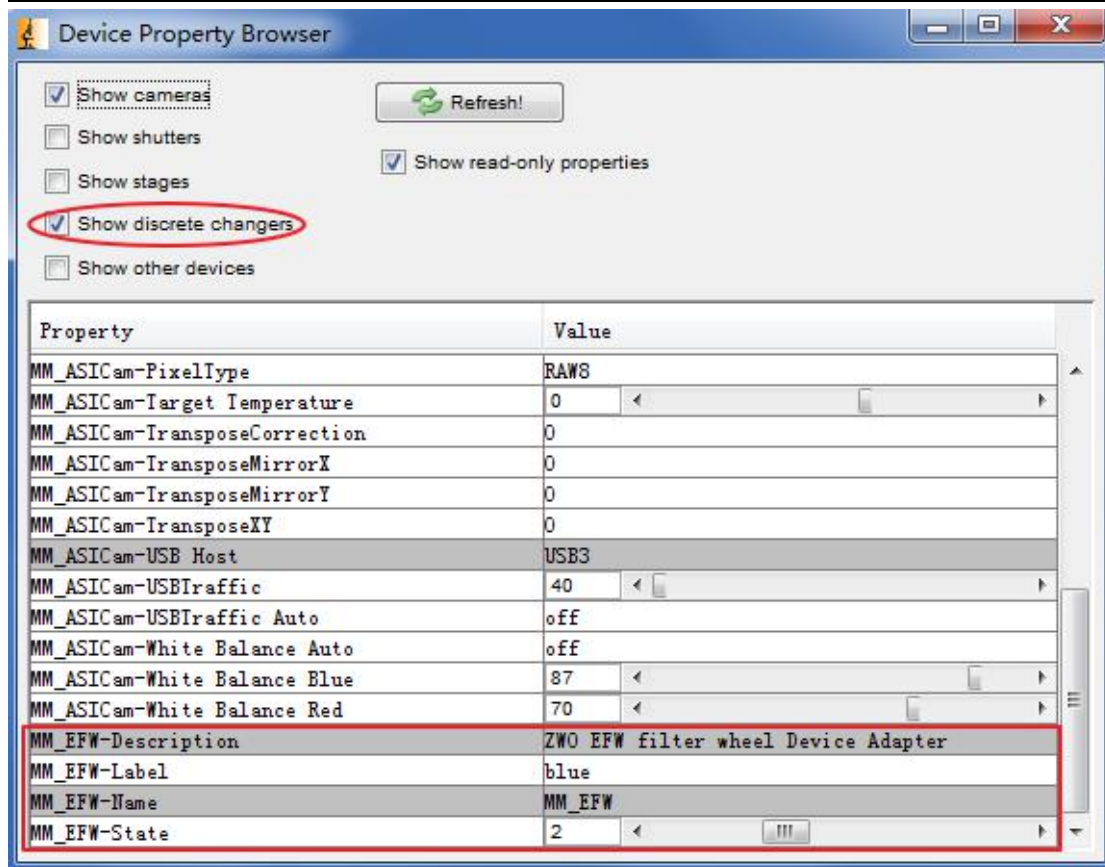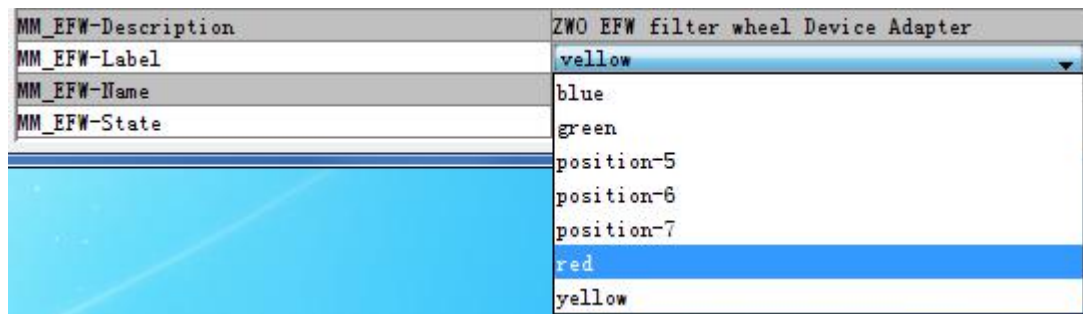

Edit filter name

Finally save configuration

3.2 Switch filter

Open menu->Tools->Device Property Browser

Switch filter by adjusting Label or State, the UI is frozen during wheel is rotating, it'll refresh when switch is completed.

or