Change over C mount to CS mount

The description can be used for following products:

- mvBlueCOGAR-P series
- mvBlueFOX series
- mvBlueLYNX series
- mvBlueLYNX-M series

You will need following utilities to change the mount:

- allen wrench, 0.9mm
- lens
- PC with installed driver

Step 1: Demounting of C mount ring nut

For demounting of the C mount ring nut, please

1. unfix the 3 set screws on the front plate with the aid of the 0.9mm allen wrench ((**1**) in figure 1). Afterwards

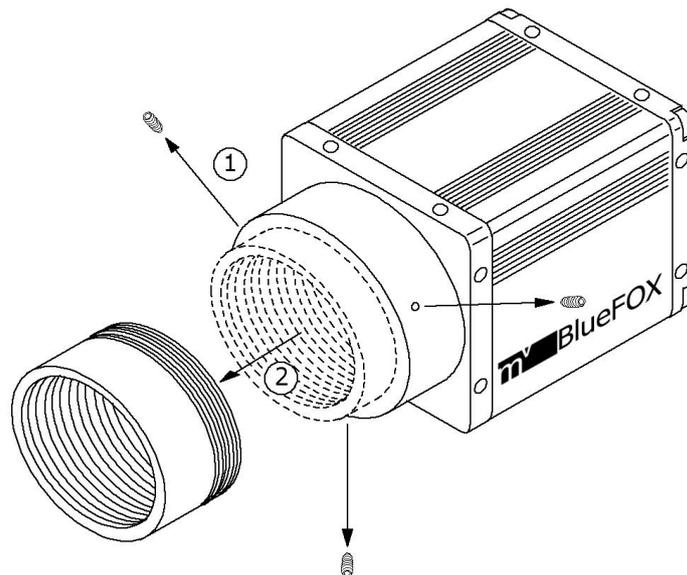2. turn the C mount ring nut anti-clockwise from the front plate ((**2**) in figure 1).

Figure 1 Demounting of the C mount ring nut

Step 2: Mounting CS mount-ring nut

1. Turn the CS mount ring nut clockwise into the front plate and
2. screw the set screws using the allen wrench but without fixing them.

> ⓘ The CS mount ring nut (12.52mm) is 5mm shorter than the C mount ring nut (17.52mm).

Step 3: Adjusting sharpness and fixing

In the last step, you have to adjust the right distance of the CS mount ring nut (thus the sharpness). Please follow these steps:

1. Mount a CS mount lens and
2. connect the camera to the PC with the installed driver.
3. Start the GUI tool "wxPropView" and
4. display a live image.
5. Now turn the ring nut with the mounted lens in or out until you get a sharp image.
6. Afterwards, fix the three set screws with the allen wrench.

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