Visitron Spinning Disk Unit 1

Startup Procedure and Notes
(Last update: August 2018)

1. Switch on the fluorescence lamp for widefield viewing (HXP lamp)
2. Switch on power-bar on the left side of the shelf support
3. Switch on the PC (not visible in the image above)
4. Switch on power-bar on the right side of the shelf support
5. Switch on the stand of the microscope (on the left side of the microscope frame)
6. Switch on the lasers you need via the keys
7. Switch on the stage controller/joy stick (at the back side)
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8. Switch on the power bar for the AOTF controller

9. Select the camera you want to use: push the handle on the spinning disk unit in for the CoolSNAP CCD camera, pull it out for the ImagEM EM-CCD

Shutdown

Turn off the lasers (6) followed by the HXP lamp (1). The order of switching off the other components is not important - the usual sequence is

6-1-3-4-2-7-8

Notes

- The stand (5) does not need to be switched off.
- The HXP lamp (1) should cool down for at least 20 min before being turned on again
- To use the 405 nm FRAP module, push in the handle on the left side of the module

- On screen, the movement of x- and y-axis is switched: when you move in x with the joystick, a y-movement will be displayed and vice versa. This is necessitated by the FRAP unit