Help: Katka 435 or 732271456

**How to start SD system:**

**1, 2** switch on **BOTH** cameras Prime BSI

**3** switch on the extension cord – wait for at least 3 seconds

**4** switch on the extension cord

**5**  switch on the PC

* login as Nikon Spinning Disk user without password (please do not use your personal login)
* Start the NIS SW – do not touch microscope until the SW has started!
* Select: BSI camera (one camera) or Dual Prime BSI (2cameras imaging) – Press OK

**Select the light path:**

Spinning single – confocal fluorescence imaging with one camera

Eyepiece EPI – see fluorescence in microscope eyepieces, operate fl. shutter with hand switch

Eyepiece DIA – see BF in microscope eyepieces

Spinning DIA- transmitted light imaging (DIC, BF)

**Other buttons:**

1camera/2cameras = switch between single and dual camera imaging

OC backup = reload saved optical configurations

GFP/RFP; CFP/YFP shift - for dual imaging only, compensates for channel shift

**How to turn off**

* turn off PC
* turn off extension cords 4,3,
* turned off camera 1 and 2

**General:**

Connect IF disc station to save there your data or exceptionally save data locally on D: DATA\your group\name

In case of **system restart** it is absolutely necessary **switch off both cameras** as well. Otherwise the system does not restart properly.

If you need just PC without imaging start PC independently, do NOT switch any of extension cords.