

CAMERA Turn ON Procedure

1. Ensure camera trigger lines are connected and not pulling
2. Turn ON light sources and Arduino board if necessary
3. Turn Computer ON
4. Make sure trigger switches (2) are pointing to the appropriate device
5. Turn CAMERA ON (power switch OR plug USB-3 into BLUE USB port)
6. Make sure light path is correct (turret in position 3, stick out)
7. Start Metamorph or MicroManager Software
8. Metamorph settings (gain=0.5, bin=4, livebin=4, exposure=31.7ms, FULL CHIP)
9. Micromanager settings (bin=4, exposure=50ms)

After Imaging is done (reverse procedure)

1. **SAVE DATA AND CLOSE SOFTWARE**
2. **Turn CAMERA OFF (switch to OFF OR UNPLUG USB-3)**
3. Turn OFF Light sources
4. Turn OFF Computer
5. **CLEAN using lens cleaner for objective lens (NOT ALCOHOL)**
6. **CLEAN table with Alcohol BUT WITHOUT spraying, place alcohol on wipe then wipe surfaces**