Specifications DeltaVision Elite

STAND   **Inverted** Olympus IX-71 Stand

OBJECTIVES
- PLAPON   60X oil,   1.42, WD 0.15 mm. (Olympus)
- UPFLN   40X oil,   1.3,   WD 0.2 mm . (Olympus)
- UPLSAPO 100X oil, 1.4,   WD 0.12mm . (Olympus)
- PLANAPO 40X dry 0.95
- UPlanSApo 20X dry 0,75   WD 0.60 mm (Olympus)

EXCITATION
- 7 colors DV light SSI (Lumencore ultra-fast solid state illumination, allowing 1ms exposure time)   280 to 680 nm
- LED transmitted light module
- 4 laser Photokinetics module, 405, 488, 568 and 640 nm for FRAP

DETECTION
- PCO-edge sCMOS camera; pixelsize 6.5 um x 6.5 um, 2560 x 2160 pixels,
- Speed: 400 fps at   512 x 512, 200 fps at 1025 x 1025

STAGE / INCUBATION
- Environmental chamber, temp and CO_2 control
- Ultimate focus module
- Automated Flexure stage
- Live cell speed option: enables multi-color imaging without filter change.

SOFTWARE
- softWoRx 6 aquisition and integrated deconvolution software (on Linux CentOS 6.3 platform)
- Working station with one 30" monitor.

Version 2-7-2018