

Detection optics	Spatial Resolution	Temporal resolution *	Dataset size *
Olympus MVPLAPO 1 X - N.A. 0,25 Zoom Factor : 0.63X to 6.3X	<i>In plane:</i> 1-10 μm ; <i>axial:</i> 5 μm	6-20 min	15-50 Gb

* For a full mouse brain

Illumination	
Illumination optics	Nikon – Nikkor AF-S 50 mm f/1.4G
Illumination lasers	Laser lines 405, 488, 561, 647 nm

Detection	Hamamatsu ORCA-Flash 4.0 V3
Full frame size and rate	2048 x 2048 ; 4 fps

Applications
Large scale screening of cleared samples at cellular resolution
Large field-of-views ranging from 2 to 22 mm

Source
mesoSPIM.org by Fabian Voigt