

# ZEISS LIGHTSHEET Z.1 Fluorescence Microscope

## Lasers:

405nm  
488nm  
561nm  
638nm

## Two Camera Set-up:

Zeiss pco.edge 5.5m  
(2560 x 2160 pixels)  
maximum frame rate 100 fps  
thermal stabilization

Single and Dual Track Image Capture

## Image Capture Features:

Z-stacks  
Time series  
Multi-view

The multiview light sheet fluorescence microscope allows researchers the ability to record living samples and gently image them to extract high caliber information content.

Clearing allows you to image deep into large biological samples ie- tissue sections, embryos, organs, spheroids, or biopsies.

Optical sections captured at rapid speeds. Acquire images of your whole sample at sub-cellular resolution.

## LENSES:

Magnification	NA	WD (mm)	Brightfield	DIC Contrast	Lens
5x	0.3	5.2	Yes	No	EC Plan NEOFLUAR
10x	0.8	0.55	Yes	No	Plan APOCHROMAT
20x	1.4	0.13	Yes	Yes	W- Plan APOCHROMAT Corr DIC

## SOFTWARE:

Zen Black 2014 SP1