

## Zeiss ELYRA S1 (SR-SIM) Super Resolution Microscope

<b>Specification</b>	
Lasers	405nm (50mW); 488nm (100mW); 561nm (100mW); 640nm (150mW)
<b>Microscope</b>	
Stand	Inverted: Axio Observer Z1
XY stage	Motorized scanning stage
Filter cubes	DAPI; FITC; TRITC; TEXAS Red; Cy5
Objectives	10x 0.45; 63X1.4 Oil; 63X1.2 Water
Accessories	Pecon Incubator (Modal: PM 2000 RBT) Perfect Focus System Piezo Z stage insert Definite Focus available
Camera	PCO Edge sCMOS with cooling system
Software	Windows 7, ZEN 2.3
<b>Application</b>	2D or 3D Super-resolution Structure Illumination imaging (a lateral resolution of ~100nm and an axial resolution of ~200nm), up to four channels.