

## NBI SRiS (STORM) Super-Resolution Microscope

Specification	
Lasers	Typical: 656nm (500mW); 750 (300mW) Optional configuration: 405nm (70mW); 488nm (100mW); 561nm (100mW)
Microscope	
Stand	Inverted: Nikon eclipse Ti-E
XY stage	Manual manipulator stage, Piezo stage insert
Filter cubes	FF408/504/581/667/762-Di01-25X36 dichroic beam splitter FF01-440/521/607/694/809-25 bandpass filter
Objectives	CFI Apochromat TIRF 100XC Oil N.A. 1.49; CFI Apochromat TIRF 60XC Oil N.A. 1.49
Scan Module	
Scan mode	Wide field, SR (super-resolution) mode
Detector	Andor iXon Ultra 897 EMCCD Camera 2-channel simultaneous acquisition at 320 x 160 pixels
Software	Windows 7, Rhodea 2.0
Application	Stochastic Optical Reconstruction Microscopy (STORM) Imaging; Total internal reflection fluorescence imaging; Fluorescence Imaging