NanoImager (S) ONi

Objective Lens

Magnification / NA	Immersion media	Lens type	Phase contrast	DIC	Working distance	Coverglass thickness
100x / 1.40	Oil	UPLSAPO	X	X	0.13 mm	0.17 mm

FL Filter Wheel

Channel	Excitation	Dichroic	Emission
Oxford Nanoimaging does not release this information			

Light sources

Transmitted / brightfield	LED	
Lasers	**Wavelength (nm)**	**Power (mW)**
	405	150
	473	1000
	532	1000
	640	1100

Cameras	Hamamatsu sCMOS Orca flash 4 V3
Microscope body	ONI custom build
Sample formats	sealed coverslip on slide, chambered slide
Incubator	build in (RT to 40C)
Software	Nanoimager 1.7
Stage	20/20/10 mm XYZ travel range, closed-loop piezo stage with 1nm encoder resolution

Functions

dSTORM, 2D- and 3D single-particle tracking & TIRF, dna-PAINT