



Nikon A1+ point scanning confocal microscope

Lasers	4 Lasers 405nm, 488nm, 561nm, 640nm
Filters (automatic configuration)	450/50 e.g. DAPI 525/50 e.g. AF488 595/50 e.g. AF594 700/75 e.g. AF647
Detectors	4 PMTs and spectral detector
Objectives	10x N.A. 0.45 PlanApo Dry 20x N.A. 0.75 PlanApo Dry 20x N.A. 0.75 PlanFluor Multi-Immersion 40x N.A. 0.95 PlanApo Dry 40x N.A. 1.30 PlanFluor Oil 60x N.A. 1.20 PlanApo Water 60x N.A. 1.40 PlanApo Oil 100x N.A. 1.45 PlanApo Oil
Software	NIS Elements
Live cell work	Yes, with Tokai Stage top incubator and Perfect Focus System 3
