

Live-SR Super-resolution/TIRF Microscope

Specification	
Lasers	405nm (100mW); 488nm (150mW); 639nm (150mW); 561nm (100mW); 355nm
Microscope	
Stand	Inverted: Nikon Ti2-E
XY stage	Motorized scanning stage
Filter cubes in microscope body	FRAP 30/70; Di03-R405/488/561/635&446/523/600/677(TIRF); 365nm LP(Ablation); Full triple band DAPI/FITC/TRITC(Observation);
Emission filter in Yokogawa spinning disk	Em 452/45 nm;Em 525/40 nm;Em 607/36 nm;Em 692/40 nm
Objectives	20x/0.75; 100x Oil/0.5-1.3; 100x Oil/1.45, 60x/1.49; TIRF 100xOil/1.49
Accessories	TOKAI HIT Stage Top Incubator Piezo Stage Perfect Focus System
TIRF/FRAP/Ablation Module	iLAS3 ring-TIRF/FRAP/Ablation Unit
Detector	Photometrics Prime95B camera
Software	Windows 10, MetaMorph 7.10.4/Modular Ver. 2.2.0.0/Live-SR 3D Ver. 2.3.0
Application	Super Resolution imaging; Live cell imaging; TIRF; FRAP; Ablation; IRM