


GIGA Cell Imaging Platform Liège University

Confocal Microscope Nikon A1R (B34 4/56B)

Description	
<ul style="list-style-type: none"> • Inverted confocal microscope with spectral detection & unmixing. • Combine with an epifluorescence & brightfield microscope. • Incubation chamber for temperature, CO₂ and humidity 	
Applications	
<ul style="list-style-type: none"> • Confocal • Epifluorescence & brightfield microscopy • camera mono • Time Lapse, 3D, Tiles scan • Spectral Live imaging 	

Objectifs	Numerical Aperture	Immersion type	Work Distance
4x	0.2	Dry	15.5 mm
10x	0.25	Dry	16 mm
20x	0.45	Dry	4.5 mm
20x	0.75	Dry	1 mm
40x	0.6	Dry	0.6 mm
40x	1.3	Oil	0.24 mm
63x	1.4	Oil	0.2 mm
100x (not for fluorescence)	1.25	Oil	0.17 mm

Light source	Wavelength
Gas Lasers	401,488,561,639 nm

Other accessories
Motorized Platine XYZ with Large Z piezo (200µm) Perfect Focus Incubator : 26° to 42°C Sample holder : Slides, 35mm Petri Dish, 96 wells