

SID4 Bio

Product/Model: SID4

Bio/ VIS - NIR (400 - 1100 nm)



Product Overview: The SID4 Bio is a plug & play camera for quantitative phase imaging. It works with any optical microscope and enables measuring valuable numerical parameters on living cells and many more transparent samples.

Key Features

Unique technology for instantaneous artefact-free quantitative phase imaging

Compact and plug and play

Easy to integrate - robust design

Applications

- Material inspection • Quantitative Phase Imaging •

Specifications

SID4-BIO

Wavelength range	400 - 1100 nm (compatible with white-light source, laser...)
Magnification	10x to 200x
Aperture dimension	9.98 x 8.64 mm ²
Phase and Intensity sampling	416 x 360
Lateral resolution	Depends on magnification-Down to 0.2µm on phase image×120
Resolution (Phase)	< 2 nm RMS
Acquisition rate	10 fps
Dry mass resolution	< 0.5 pg
Microscope interface	C-mount
Dimensions	80 x 77.5 x 86.4 mm ³
Interface	Giga Ethernet
Weight	~ 450g