



**PHASICS**  
The phase control company



# SID4-BIO

## PLUG & PLAY CAMERA FOR QUANTITATIVE PHASE IMAGING

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.

**APPLICATIONS:** Life science | Material inspection

### SPECIFICATIONS

Wavelength range	400 - 1100 nm*
Magnification	10x to 200x
Aperture dimension	11.84 x 8.88 mm <sup>2</sup>
Phase image sampling	400 x 300
Lateral dimension	Depends on magnification - Down to 0.2 $\mu$ m on phase image x 120
Resolution (Phase)	< 1 nm RMS
Frame rate	10 fps
Dry-mass resolution	< 0.5 pg
Microscope interface	C-mount
Dimensions	54 x 46 x 79 mm <sup>3</sup>
Weight	~ 250g

\* compatible with white-light source, laser...