



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

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|----------------------|---|
| Wavelength range | 400 - 1100 nm* |
| Magnification | 10x to 200x |
| Aperture dimension | 11.84 x 8.88 mm ² |
| Phase image sampling | 400 x 300 |
| Lateral dimension | Depends on magnification - Down to 0.2 μ 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 ³ |
| Weight | ~ 250g |

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