



**PHASICS**  
The phase control company

# SID4 sC8

## HIGH RESOLUTION sCMOS QUANTITATIVE PHASE IMAGING CAMERA

Designed for life science and material inspection microscopes, SID4 sC8 brings fast, accurate and truly quantitative phase measurement in a compact, plug-and-play solution.

Biologists will benefit from label-free cell imaging, high sensitivity and automatic segmentation, while material scientists will have access to accurate refractive index measurement, laser damage analysis and surface characterization.

**APPLICATIONS:** Life science | Material inspection | Thermal imaging

### KEY FEATURES



sCMOS sensor



Plug & Play



Compact



Compatible with  
fluorescence imaging



Single shot phase and  
intensity measurement



Compatible with any  
illumination / objective

# SID4 sC8

## SCMOS HIGH RESOLUTION CAMERA

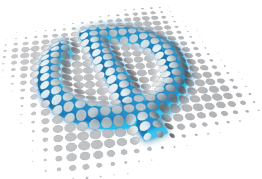
### ADVANTAGES

- 1 Compatible with acquisition software: Metamorph, Micromanager, NIS-Elements...
- 2 Magnification from x2.5 to x150
- 3 Imaging at any wavelength

### SPECIFICATIONS

Sensor Technology	sCMOS
Wavelength range	400-1050 nm
Aperture dimensions	16.64 x 14.04 mm <sup>2</sup>
Phase spatial resolution	19.5 $\mu$ m
Phase & Intensity sampling	852 x 720
Resolution (Phase)	<2 nm RMS
Frame rate	40 fps
Real-time processing frequency*	Up to 10 Hz (full resolution)
Connection	USB 3.0
Dimensions	85 x 90 x 145 mm <sup>3</sup>
Weight	~ 1100 g

\* Obtained using PHAST software on provided computer



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