SID4-SWIR

WAVE FRONT SENSOR

SPECIFICATIONS

Wavelength range	0.9 – 1.7µm
Aperture dimensions	9.60 x 7. 68 mm^2
Spatial resolution	120 µm
Phase and intensity Sampling	80 X 64
Accuracy	15 nm RMS
Resolution (Phase)	<2nm RMS
Acquisition rate	120 fps
Real-time processing frequency	> 7 fps (full resolution)
Interface	Giga Ethernet
Dimensions	100 x 55 x 63 mm
Weight	455 g

The SID4-SWIR wavefront sensor integrates Phasics patented technology with an InGaAs detector. Thanks to its high spatial resolution and great sensitivity, it offers accurate wavefront measurement over its whole spectral range **from 900 nm to 1.7µm.**

The SID4-SWIR is an innovative solution for **testing SWIR lens** used in optical communications, inspection instruments or night vision in military and surveillance devices. It provides both MTF and aberrations at once.
The SID4-SWIR also enables characterizing SWIR sources like 1.55µm lasers or LEDs for laser guiding systems.

KEY FEATURES

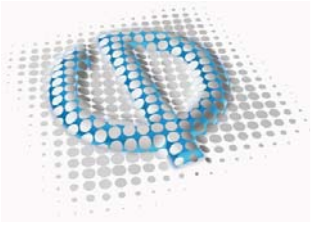
- Extended spectral range from 0.9 to 1.7µm
- High resolution – 80 X 64
- High sensitivity - <2nm phase noise through the whole spectral range (compatible with low energy IR source)
- High stability
- Cooled detector
- Compact & Cost effective

PHASICS -The phase control company

Distribution in the UK & Ireland

Lambda

www.lambdaphoto.co.uk



Distribution in the UK & Ireland

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PHI-06-2018-RV1