PHASICS
The phase control company

SID4-LWIR

HIGH RESOLUTION WAVEFRONT SENSOR FOR THE LONG WAVE INFRARED

SID4-LWIR brings high resolution wavefront sensing to the long wave infrared region (from 8 µm to 14 µm), for CO2 or OPO laser beam metrology, as well as characterization of IR components and lenses uses in thermal imaging, security and safety vision.

APPLICATIONS: Laser industry | Semiconductor | Optical components & assemblies

SPECIFICATIONS

Wavelength range	8-14 µm
Aperture dimensions	16.00 x 12.00 mm²
Phase spatial resolution	100 µm
Phase & Intensity sampling	160 x 120
Resolution (Phase)	25 nm RMS
Accuracy (Absolute)	75 nm RMS
Acquisition rate	24 fps
Real-time processing frequency	10 fps (full resolution)*
Interface	Giga Ethernet
Dimensions	90 x 96 x 110 mm³
Weight	~ 850g

** with SID4 software*

光技術をサポートする
株式会社オプトサイエンス
https://www.optoscience.com

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