



PHASICS
The phase control company

SID4 HR

VERY HIGH RESOLUTION WAVEFRONT SENSOR

SID4 HR brings very high phase sampling (416 x 360) and high dynamic range (500 μm PV) to the most demanding wavefront measurement applications. Its large aperture and extreme wavefront sensitivity makes it perfectly suited to direct measurement of large diverging beams without relay optics.

APPLICATIONS: [Defense](#) | [Astronomy](#) | [Optical components & assemblies](#) | [AR/VR](#)

SPECIFICATIONS

Wavelength range	400 - 1100 nm
Aperture dimensions	9.98 x 8.64 mm ²
Phase spatial resolution	24 μm
Phase & Intensity sampling	416 x 360
Resolution (Phase)	<2 nm RMS
Accuracy (Absolute)	20 nm RMS
Frame rate	10 fps
Real-time processing frequency	3 fps (full resolution)*
Interface	Giga Ethernet
Dimensions	73 x 71 x 90 mm ³
Weight	~ 450 g

* with PhaseStudio software