



**PHASICS**  
The phase control company



# SID4-HR

## ULTRA HIGH RESOLUTION WAVEFRONT SENSOR

SID4-HR brings ultra-high phase sampling (400 x 300) and high dynamic range (500  $\mu\text{m}$  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	11.84 x 8.88 mm <sup>2</sup>
Phase spatial resolution	29.6 $\mu\text{m}$
Phase & Intensity sampling	400 x 300
Resolution (Phase)	2 nm RMS
Accuracy (Absolute)	15 nm RMS
Frame rate	10 fps
Real-time processing frequency	3 fps (full resolution)*
Interface	Giga Ethernet
Dimensions	54 x 46 x 79 mm <sup>3</sup>
Weight	~ 250g

\* with SID4 software



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