



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 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	11.84 x 8.88 mm ²
Phase spatial resolution	29.6 μm
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 ³
Weight	~ 250g

* with SID4 software