



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



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