



Certified
Metrology Partner

DELTA

XD

ARAMIS SRX

Optical 3D Sensor for Dynamic Tests

Speed and resolution

ARAMIS SRX is a high-resolution, optical 3D measurement solution for full-field and point-based measurements in industrial environments. Its features include a low calibration effort and short set-up times. In addition, its high level of user-friendliness ensures fast learning of the system functionality – no expert knowledge is required for performing measurements.



Benefits at a glance

- Combination of high temporal and spatial resolution especially for dynamic tests
- Out-of-the-box ready to use
- Time savings in the preparation of physical tests
- Optical LVDT and optical accelerometer in one sensor
- Optical extensometer and optical strain gage in one sensor

Specifications

- 335 frames per second (335 fps) at full camera resolution (12 Megapixel)
- Short set-up times thanks to pre-configured measurement lenses
- High sensor stability, low calibration effort
- Easy handling and operation
- Robust sensor design for industrial testing applications

Technical Data

Camera resolution (pixels)	4096 × 3068 pixels	
Maximum frame rate (fps)	Use of PC (Laptop) RAM 75 fps (50 fps) at 4096 × 3068 pixels (full resolution) 115 fps (78 fps) at 4096 × 2000 pixels (2/3 image) 230 fps (156 fps) at 4096 × 1000 pixels (1/3 image) 480 fps (325 fps) at 4096 × 480 pixels (1/6 image) 490 fps (333 fps) at 1920 × 1000 pixels (HD)	Use of camera-internal RAM (8 GB) 335 fps at 4096 × 3068 pixels (full resolution) 500 fps at 4096 × 2000 pixels (2/3 image) 1000 fps at 4096 × 1000 pixels (1/3 image) 2000 fps at 4096 × 480 pixels (1/6 image) 1000 fps at 1920 × 1000 pixels (HD)
Measurement volume Length × Width (mm)	70 × 50 mm up to 5100 × 4200 mm	

Would you like to learn more?

Contact