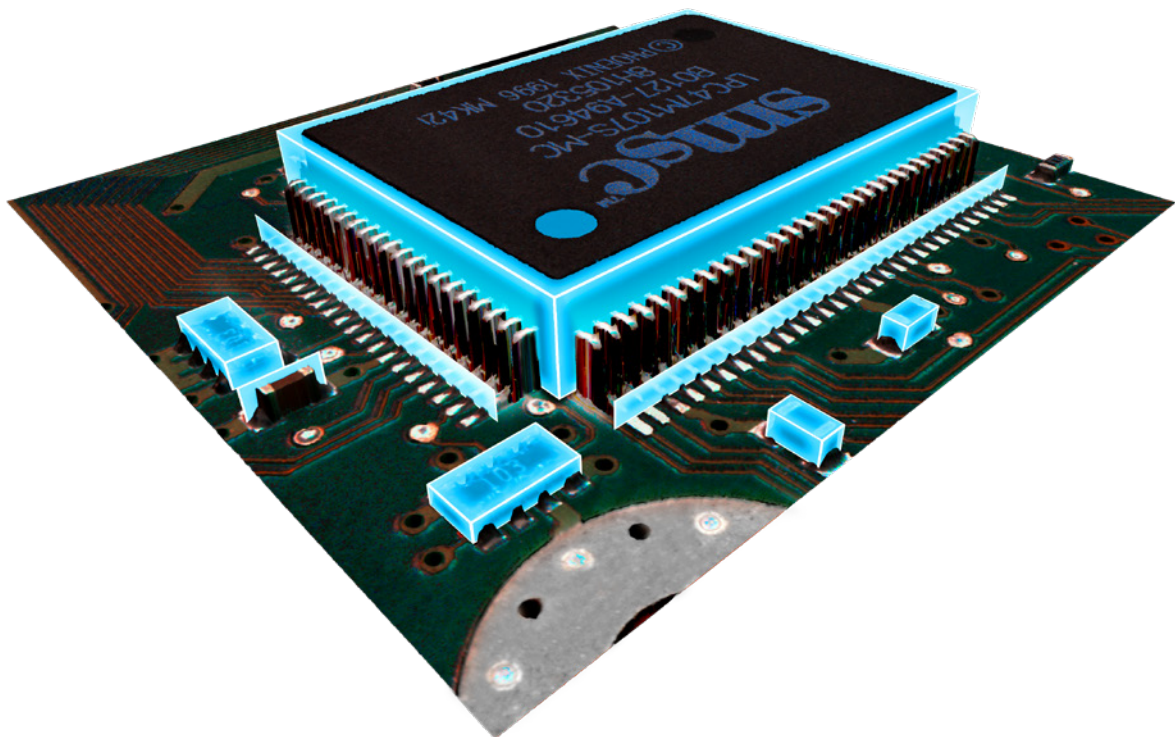




3D·ViewZ

3D/2D camera module for AOI system Vario Line



- maximum fault detection by 3D measurement, angled-view inspection and multispectral illumination
- high flexibility due to 360 directions of projection and inspection
- significant cost savings through automated generation of AOI programs with MagicClick

Parameters	
3D measurement technology	triangulation with structured light and adaptive projection control
X/Y resolution	15 µm
Z resolution	up to 1 µm
Z measuring range	35 mm
projection directions	up to 360
angled-view image capturing (2D)	4 cameras with 12 Megapixel technology
X/Y resolution	21 µm / 10.5 µm
inspection directions	up to 360
orthogonal image capturing (2D)	camera with 28 Megapixel technology
X/Y resolution	15 µm
illumination	multispectral, multidirectional
field of view	45 mm x 45 mm
inspection speed	up to 100 cm²/s

Excellent image quality and data quality

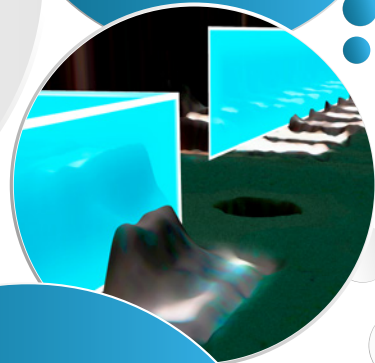
- telecentric orthogonal lens
- adapted focal plane for angled-view inspection
- variable projections up to 360 directions



VarioLine 3D

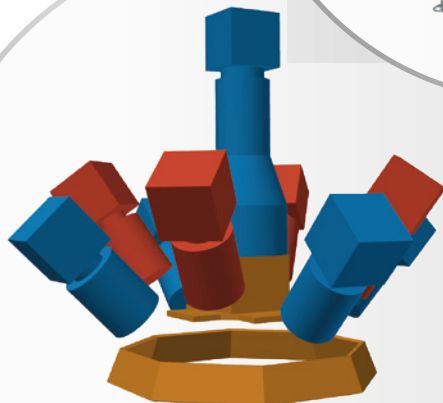
Individual configuration

- inspection speed
- PCB dimensions
- angled-view



Unique 3D measuring technology

- measuring height up to 35 mm without loss of resolution for SMD components and solder joints
- valid data quality even on extremely critical surfaces
- optimized inspection speed due to layout-dependent adaptation of the required projections



3D·VIEWZ

3D·ViewZ: camera and projector set-up

Made in Germany