

Company:	Raytrix GmbH
Office:	Kiel
Founded:	April 2009
Shareholder / CEO:	Dr. Lennart Wietzke
Employees:	>10
Business concept:	Raytrix offers unique 3D camera systems for research and industrial applications.
Services:	<ul style="list-style-type: none">• Sale of 2D & 3D cameras.• Sale of image processing software.• Custom hardware and software development.
Target group:	<ul style="list-style-type: none">• Researchers with 3D measurement tasks.• Developers of quality assurance automation in the need of contactless 3D measurements.
Delivery area:	Worldwide
Distributors:	<ul style="list-style-type: none">• Luster LightTech, China• Data Vision, BeNeLux• Argo Corp., Japan• ImageS, Italy
Website:	www.raytrix.de

About Raytrix GmbH

Raytrix was founded in 2009 and sells 3D light field cameras for industrial applications and research since 2010. We started with the goal to explore the potential of light field technology and make it feasible for industrial applications. By now we are a team of 15 highly motivated developer continually improving the quality of our light field cameras and exploring new application areas.

Light Field cameras are a new type of 3D-cameras that capture a standard image together with the depth information of a scene. Metric 3D information can be captured with a single light field camera through a single lens in a single shot using just the available light. Raytrix has specialized on developing light field cameras for industrial applications. A patented micro lens array design allows for an optimal compromise between high effective resolution and large depth of field. Raytrix cameras are already in use in applications like volumetric velocimetry, plant phenotyping, automated optical inspection and microscopy, to name a few.