

Plenoptic Camera for Inline Quality Inspection



One camera, one lens, one shot: fast occlusion-free 2D/3D inspection



Key Specifications

The plenoptic camera is a system for high throughput inline inspection on a micro-scale. Two plenoptic image systems are available: An overview system with a large field of view and a high-resolution system with outstanding resolution both laterally and in depth.

Parameters	Overview system	High-resolution system
Working distance	48 mm	20 mm
Field of view	7.8 mm x 7.8 mm	0.65 mm x 0.44 mm
Lateral resolution	3 μm	0.7 μm
Depth of field	1.1 mm	0.06 mm
Depth resolution	2.5 μm	0.4 μm
Framerate (max)	81 fps	30 fps

