



CAMERA 2D/3D

SKU: S2-0046

25.000,00 € excl. VAT



Categories: [Inspection systems](#), [Modules](#)

BESCHREIBUNG

The Camera 2D-3D is an inspection head for the optical detection of reflective and diffuse component and substrate surfaces. The inspection of cavities and the detection of large workpieces are also possible. The advantages of a 2D camera and 3D camera are combined and united in one processing head.

The captured image data is processed using the system control software. An integrated line laser enables the detection of the finest structures on reflective surfaces.

Error compensation algorithms ensure that deviations from target positions are corrected by realigning the processing heads. The Z-axis stroke of 150 mm also enables the detection of positions at very different heights.

MORE INFORMATION

Dimensions in mm (W x D x H)

Weight in kg

Movement range in Z in mm	150
Type of lens	Telecentric objective
Field of view in mm (W x H)	16.82 x 14.4
Resolution 2D-Kamera in μm	10.6
Resolution 3D-Kamera in μm	14
Voltage in V	48
Communication interface	Ethernet

