



CAMERA 2D/3D

SKU: S2-0046

25.000,00 € excl. VAT



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

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| Dimensions in mm (W x D x H) | 49 x 275 x 343 |
| Weight in kg | 4.4 |

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| Movement range in Z in mm | 150 |
| Type of lens | Macro-objective , 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 |

