



CAMERA 3D

SKU: S2-0024

18.000,00 € excl. VAT



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

BESCHREIBUNG

The Camera 3D is an inspection head with 3D optical detection and automatic position correction. Using a stereoscopic camera system, it observes the component and substrate surfaces from two different perspectives. From the acquired image data, an exact 3D position is calculated.

Error compensation algorithms recognise deviations from target positions and correct them by reorienting the processing heads. By means of a Z-axis stroke positions at very different heights can be detected.

MORE INFORMATIONS

| | |
|------------------------------------|-------------------|
| Dimensions in mm (W x D x H) | 49 x 261 x 341 |
| Weight in kg | 4 |
| Movement range in Z in mm | |
| Type of lens | Macro-objective |
| Field of view in mm (W x H) | |
| Resolution camera in μm | 4 |
| Auflösung in Pixeln | 1600x1200 |
| Optische Vergrößerung (tol.) | x 1 ($\pm 5\%$) |

| | |
|-------------------------|-----------|
| Voltage in V | 48 |
| Max. current in A | 5 |
| Min. Stromstärke in A | 0,3 |
| Communication interface | Ethernet |
| Sensorgröße | Typ 1/1.8 |

