

MiniRot-Quattro Optical 3D-Scanner with Color

The optical 3D-Scanner MiniRot-Quattro is characterized by its short acquisition time of only about 1 second. High lateral resolution is achieved by using both: high two speedy bw cameras in combination with a high resolution digital camera in color. With these features technical objects can be digitized in real time. In the same way humans and animals can be digitized in vivo. The principle of Measurement is „Streifenlicht Topometry“. This means structured lightning with tens of moving projected stripes. This allows for 3D-measuring with full lateral resolution of the camera.



- quick
- high resolution
- compact
- mobile
- economically priced

Application Fields

- absolute 3D-Images
- Controlling of Robots and other Handlingssystems: Position, Orientation, Position of Tools
- Identification of Parts
- Qualität Assurance
- Design-Models
- Rapid Prototyping
- medical Applications
- Biometry
- Identification of Persons

Features

- Robust
- High Resolution
- Very short Acquisition Time
- Halogen Lamp dimmable
- Integratetd Power Supply
- Precalibrated – immediately usable
- Calibration in Field possible
- Compatible Software: ABW-3D, ABW-VIS

Technical Specifications MiniRot-Quattro

Resolution Color-Texture-Camera:	4 MPixel
Resolution Videocamera:	640x480 Pixel each
Acquisition Time:	≥ 0,5s
Weight:	ca. 10kg
Size of Scene:	ca. DIN A3
Lamp:	Halogen 24V/250W dimmable
Power:	~100-240V; 50-60Hz; ca. 270W
Data Interfaces:	2 x Firewire IEEE 1394a 1x USB
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