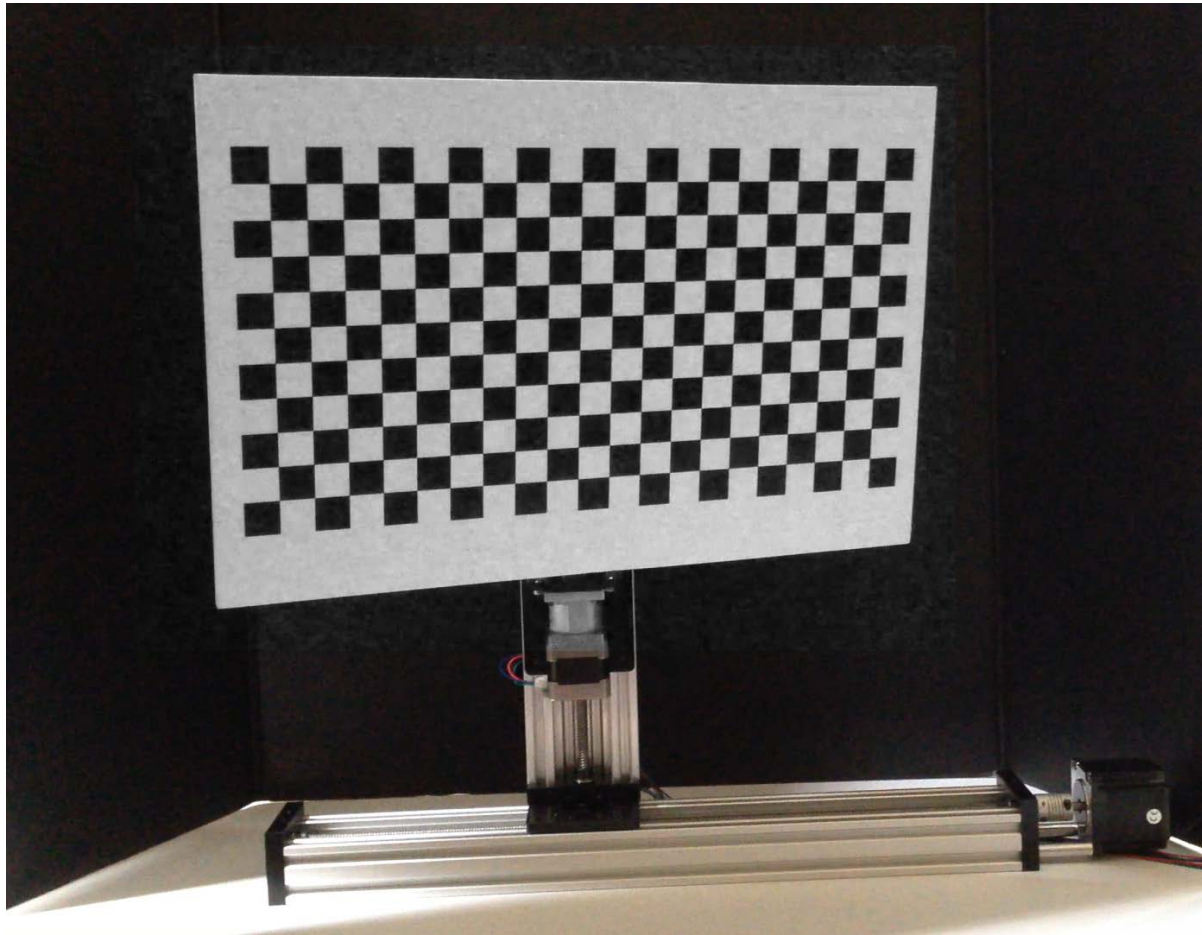


3D Calibrator CD-100

Robotic manipulation system for extracting intrinsic and extrinsic camera constants.



Features

- 4 Degrees of freedom
- Motorized horizontal and manual vertical translation
- Motorized pitch and yaw
- Changeable charts
- Simple programming

Mechanical

- Maximum Chart Height: 50 cm
- Horizontal range = $\pm 22 \text{ cm} \pm 1 \text{ mm}$
- Vertical range = $\pm 10 \text{ cm} \pm 1 \text{ mm}$
- Pitch range = $\pm 30 \text{ degrees} \pm 2 \text{ degree}$
- Yaw range = $\pm 45 \text{ degrees} \pm 1 \text{ degree}$
- Communication: Serial protocol RS232, Python, Matlab

Support

- Knowledgeable technicians
- 1 year warranty (parts and labor)

Description and Application

The 3D Calibrator is a programmable motorized chart mounting and calibration system that extracts intrinsic and extrinsic camera constants for 3D calibration. The calibration system allows for horizontal and vertical translation as well as 30 degrees of pitch and 45 degrees of yaw movement.



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