

Inspection of pin status of mechanical part

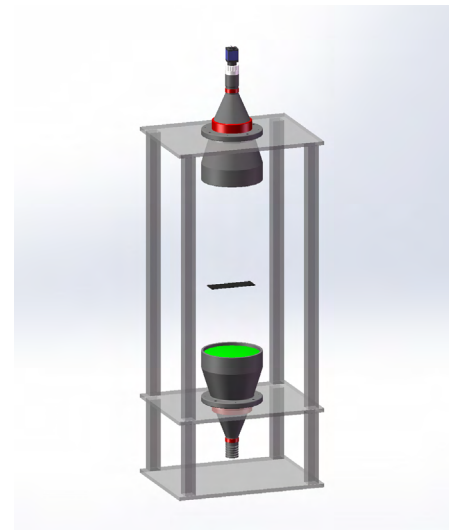
Application: Inspect the pin status of mechanical part with vertical type installation

NEW TRY Products: Telecentric lens(VCM110-120)
+ Telecentric light(VCL120-1W-G)

- C/F Mount Bi telecentricity;
- <0.1% distortion;
- Clear image on workpiece;
- High contrast on mechanical part outline;
- Coupled telecentric illuminator.

Camera: CMV4000, 1", 5.5um,4.1MP

- Resolution (H x V) 2048x2048px



Test conclusion:

- Accuracy: Depending on different cameras resolution and image areas.
81.62mm × 81.62mm<0.04mm with 2048x2048 pixels.
- Performance: Clear imaging of mechanical part with high contrast of outline makes it easy to proceed the inspection.
- Test image: Achieved image with high definition and clear contour.

