

High Resolution Scanner

SLQ Wiki Fabrication Lab 2026/06/13 13:08

High Resolution Scanner

Photo to go here ...

Intro

Project to Scan objects @ detailed resolution ...

Following on from the Ciclop project, looking to develop a cost effective high resolution scanner. outline of project to follow.

Materials

List the materials you used, with dimensions, and quantities.

Tools

(List all the tools you used to complete the project, from #1 Philips screwdrivers, to the CNC machine)

Instructions

(This is where you put the step-by-step photos showing how to carry out your project, as well as an explanation in words. Rename the steps as you like, use italics or bold for emphasis.

Don't forget to include design files for CNC, laser cutting or 3D printing but remember they need to be zipped before uploading to the Wiki (it is also useful if they are in a transferable format, .svg rather than .ai, for example)).

Step One:

Step Two:

Step Three:

Step Four:

etc

Development Notes

(This is where you can put ideas that you tried, but which did not work & and why)

Waiting on

- * PC to run it.
- * High res camera.

Hardware Requirements

- * Hi Speed Processor.
- * Memory.

Feedback

(Here you can put any suggestions from users that you have not yet implemented, and mention any unforeseen difficulties encountered in operation or construction)

References

This were you put external links, if they have not appeared in the Instructions.

Files

This is where you put files for laser cutting, Excel sheets of suppliers etc..

Links

This project utilises Remake Software. (link TBA)

Project Progress

Basic prototype development in progress ...

Log of works

- Got Camera
- Got 30% of hardware on site
- Can use re-use Ciclop turntable

Project Table

Project	Percent Complete	Project Lead	Status	Budget Req	Budget Approved	Next Major Milestone	Subsequent Milestones to complete
High Resolution Scanner	10%	?	Draft	\$1000			