



Structured Light 3D Scanner

SLQ Wiki Fabrication Lab 2026/01/14 16:23

Structured Light 3D Scanner

(a picture of the finished product to go here)

Intro

HP Sprout Pro G2 3D scanning device that is designed to scan small objects ... (not in great detail)

Project Outline

This computer was procured (Jan 2019) for scanning small objects. Yet to be tested fully ...

Future Direction

Not decided upon yet ...

Materials

(List the materials you used, with dimensions, and quantities. This is often easier to do once the project is at the beta testing stage, but that means you will need to keep a list as you go. It is useful to collect the details of suppliers, quantities, prices and websites in an Excel sheet as an aid to those who follow you - you can upload the Excel table at the end of this document in the space provided)

Tools

(List all the tools you used to complete the project ...)

Instructions

(This is where you put the step-by-step photos showing how to use the '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 !)

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

Web site from which this came from :

Project Progress

A running summary of how the project is going so that others can follow. Diary type entries, with dates, would be a good format.

Log of works

- Basic assembly complete ... Needs more work. ... 2019

Project Table

Project	Percent Complete	Project Lead	Status	Budget Req	Budget Approved	Next Major Milestone	Subsequent Milestones to complete
Structured Light 3d_scanner	80%	Andrei		\$1000	?	-	Upload updated operation system