

3D scanning and reconstruction service

BIZ-013 / REV A / 2026.09.01

Offer scanning with a clear distinction between raw scan data, cleaned mesh and editable CAD reconstruction.

STATUS	Starting Point
CLASSIFICATION	BIZ
MATERIAL	WEB / CREATIVE
DISPOSITION	PUBLIC / STARTING POINT
CATEGORY	Website / Business / Creative
RECORD TYPE	project

GOAL

Run the first test described in this guide and record the result for 3d scanning and reconstruction service.

SOURCE STATE

New reference guidance; not a recovered test result

METHOD / STEPS

1. Define object size, finish, access, portability and the dimensions that actually matter.
2. Plan fixturing, markers and any approved temporary surface treatment. Capture overlapping passes and measure a known reference.
3. Clean the mesh conservatively, documenting holes or occluded surfaces rather than silently filling critical geometry.
4. Deliver the requested mesh or CAD reconstruction with units, alignment and a statement of checked dimensions.

THINGS TO WATCH FOR

Scanner marketing accuracy is not the uncertainty of every finished deliverable. Do not advertise a scanner as in service until it is available and its workflow has been tested.

FIRST TEST / WHAT TO RECORD

Check scale and at least one independent dimension that was not used to align the model.

RESULT / WHERE THIS STANDS

Check scale and at least one independent dimension that was not used to align the model.

TROUBLESHOOTING

- Scanner marketing accuracy is not the uncertainty of every finished deliverable. Do not advertise a scanner as in service until it is available and its workflow has been tested.

SPECIFICATION

CATEGORY	Website / Business / Creative
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TYPE	PROJECT
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PUBLIC BOUNDARY	Safe summary only
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NEXT CHECK	Test the public workflow
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DEVELOPMENT HISTORY

2026.09.01 / Rev A

Imported as an independent manifest record; public copy keeps uncertainty visible.

2026.10.10 / PROJECT UPDATE

Connected the newer project records: HOW-PIKA-001, CAD-SMOKER-CAP-001. Existing test limitations remain in place.

REFERENCE NOTES

DezignWorks reference (<https://dezignworks.com/>), Meshroom acquisition/processing reference (<https://meshroom-manual.readthedocs.io/en/latest/capturing/capturing.html>).

HOW-TO SOURCES

DezignWorks reference

<https://dezignworks.com/>

Meshroom acquisition/processing reference

<https://meshroom-manual.readthedocs.io/en/latest/capturing/capturing.html>

RELEASED MATERIAL / SOURCE LINKS

biz-013-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/biz-013-public-summary.txt>

CONNECTED RECORDS

HOW-PIKA-001

<https://u225x.com/record/HOW-PIKA-001>

CAD-SMOKER-CAP-001

<https://u225x.com/record/CAD-SMOKER-CAP-001>

RETURN TO THE LIVING RECORD

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This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/BIZ-013>