

Portable/wireless scanner selection criteria

CAD-020 / REV A / 2026.09.01

Compare the complete field workflow, not just headline accuracy or whether the scanner has Wi-Fi.

STATUS	Concept
CLASSIFICATION	CAD
MATERIAL	CAD / AUTOMATION
DISPOSITION	PUBLIC / CONCEPT
CATEGORY	CAD / Scanning / Automation
RECORD TYPE	how-to

GOAL

Run the first test described in this guide and record the result for portable/wireless scanner selection criteria.

SOURCE STATE

New reference guidance; not a recovered test result

EQUIPMENT

- Scanner / mesh workflow
- Representative test model
- Measurement or inspection method

METHOD / STEPS

1. List typical object size, surface finish, ambient light, required detail and acceptable reconstruction time.
2. Separate standalone scanning, wireless connection to a computer and phone remote display; determine which one is actually required.
3. Ask for a demonstration on a representative object, including the underside and an interruption/restart.
4. Compare complete cost: computer, battery, markers, spray, software, calibration and export rights. Record the exact model and software version.

THINGS TO WATCH FOR

Resolution, repeatability and accuracy are different specifications. Wireless does not necessarily mean phone-only processing. A turntable-friendly desktop sample may not represent outdoor work.

FIRST TEST / WHAT TO RECORD

The candidate completes a representative scan-to-export task with acceptable effort and checked dimensions.

RESULT / WHERE THIS STANDS

The candidate completes a representative scan-to-export task with acceptable effort and checked dimensions.

TROUBLESHOOTING

- Resolution, repeatability and accuracy are different specifications. Wireless does not necessarily mean phone-only processing. A turntable-friendly desktop sample may not represent outdoor work.

SPECIFICATION

TOOL PATH	Scanner / mesh workflow
DELIVERABLE	HOW-TO
VALIDATION	Representative model / known dimension
STATUS	Concept

DEVELOPMENT HISTORY

2026.09.01 / Rev A

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

REFERENCE NOTES

EINSTAR manufacturer reference (<https://www.einstar.com/pages/einstar-2-specs>), Revopoint manufacturer reference (<https://www.revopoint3d.com/pages/all-in-one-3d-scanner-miracoplus>).

HOW-TO SOURCES

EINSTAR manufacturer reference

<https://www.einstar.com/pages/einstar-2-specs>

Revopoint manufacturer reference

<https://www.revopoint3d.com/pages/all-in-one-3d-scanner-miracoplus>

RELEASED MATERIAL / SOURCE LINKS

cad-020-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/cad-020-public-summary.txt>

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/CAD-020>