

3D scanning software (Photogrammetry)

Apps:

Trnio

<https://www.trnio.com/>

Apple OS only.

Costs £4.99

Shoots a burst of photos as you move around the subject.
Allows exports of files in a couple of formats including stl.

Qlone

<https://www.qlone.pro/>

Apple or Android.

Free to download but not fully functional.

Requires a target for the object to sit on which is printed by the user. The size of printed target limits the size of object that can be scanned. Best for smaller objects.

Exporting files is monetised requiring the user to buy credits that are used per object scan.

Display.land

<https://learn.display.land/>

Apple or Android.

Free

Will be discontinued in August 2020.

Records the target with video and processes in the cloud.

Allows a number of file exports.

Scandy Pro

<https://www.scandy.co/apps/scandy-pro>

Apple OS only.

Free but with in-app purchases.

Limited to high end iPhones.

Exports limited to one a day (24hrs) otherwise there's a cost.

Desktop software:

3DF Zephyr

<https://www.3dflow.net/3df-zephyr-photogrammetry-software/>

Free version available.

Maximum of 50 photos in free version.

Lots of functionality and types of file exports.

Metashape

<https://www.agisoft.com/>

Standard version is \$179.

Used by Wessex Archaeology.

Cost includes perpetual licence.

Lots of functionality and types of file exports.

Photogrammetry Tips:

Object shouldn't be too reflective.

No transparent or semi transparent objects.

Living objects tend to move and are hard to capture.

Objects with little colour contrast or smooth surfaces can sometimes fail to capture.

Good lighting of the object will result in better scan results.