

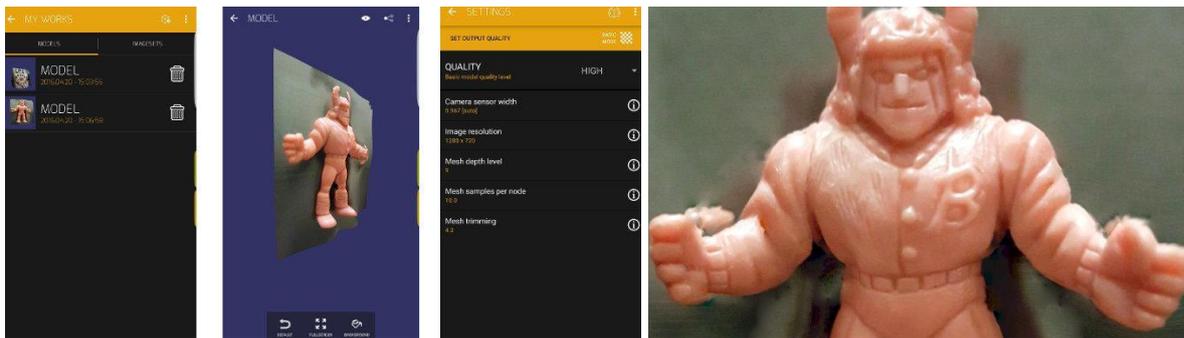
Scann3D app



Scann3D is one of the mobile apps developed SmartMobileVision (SMV is a Hungarian startup founded in 2014.). This startup was created by a group of engineers to “provide leading edge technology solutions in everyday 3D vision challenges”. Scann3D uses patent pending *photogrammetry*¹ technology to enable true 3D model capture and reconstruction for smartphones and tablets. With Scann3D any compatible device becomes a standalone tool to turn images into 3D models - all the images are processed by and on it. The resulting 3D models can be stored, shared, and edited, and can be used in augmented or virtual reality applications.

Scann3D is only available **on Android**.

Its main difference versus other free 3D scanning mobile apps is that **Scann3D does not use cloud processing: all the computation is done locally on the device**. Speed of processing and battery consumption will largely depends on your smartphone capacities. Scann3D also offers a variety of advanced 3D scanning options, and export to 3D formats directly from the mobile app. (Last updated: 2017. 01. 25. on Google Play.)



When you first fire up the SCANN3D app, you can click on **New Model** to get your scan on our peruse any previous models you’ve scanned with the app. Like similar apps of this nature, to scan you’ll need to circle around a stationary object while snapping photos with your smartphone. There’s a limit to what you can do, but as long as the object isn’t moving or transparent, it’s fair game. As you’d expect, you can also export your finished scans in three different formats with .stl, .ply, and .obj.

The layout is a super simple to use compared to similar apps. You can start a scan in seconds and the processing time will depend on the model’ complexity of course and it seems to be much faster than other cloud processing apps. There are a smattering of settings to tinker with as well including mesh trimming, depth level, image res, and mesh samples per node.

¹ Photogrammetry is the science of making measurements from photographs.

The output of photogrammetry is typically a map, drawing, measurement, or a 3D model of some real-world object or scene.

Tested equipment list:

- Nexus 4
- Nexus 5
- Nexus 9
- Nexus 10
- HTC Desire X
- HTC One
- Samsung Galaxy S5
- Samsung Galaxy S III
- Sony Xperia L
- Sony Xperia SP

References:

- Website of Scann3D: <http://scann3d.smartmobilevision.com/> (Last access: 2017. 02. 15.)
- SCANN3D is free to download on [Google Play](#). (Last updated: 2017. 01. 25.)
- The five best (and free!) 3D scanning mobile apps: <http://www.aniwaa.com/blog/five-best-free-3d-scanning-mobile-apps/> (Last access: 2017. 02. 15.)
- Scann3D review by Aniwaa.com: <http://www.aniwaa.com/product/3d-scanners/smartmobilevision-scann3d/> (Last access: 2017. 02. 15.)
- SCANN3D App Review by Phonereviews.co.uk: <http://www.phonesreview.co.uk/2016/04/20/175648/> (Last access: 2017. 02. 15.)