Mobile 3D Scanner Application List (2022/06/11ver)

App Name	Metascan	Scaniverse	Polycam	3d Scanner App	WIDAR	EveryPoint	SiteScape	Trnio	TrnioPlus
scan type	Mesh	Mesh	Mesh	Mesh/Point Cloud	Mesh	Point Cloud	Point Cloud	Mesh	Mesh
Price	$49.99/year	Free	$59.99/year	Free	Free	Free	Free	$4.99	$0.99 / export $9.99 / month $71.99 / year
scan mode	LiDAR/Photogrammetry	LiDAR/Photogrammetry	LiDAR/Photogrammetry	LiDAR/TrueDepth	LiDAR/Photogrammetry	LiDAR	LiDAR	Photogrammetry	LiDAR/Photogrammetry
Supported models	LiDAR iPhone12/13Pro Series iPad Pro(Newer than 2020) Photo Latest version of iPhone,iPad	LiDAR iPhone12/13Pro Series iPad Pro(Newer than 2020)	LiDAR iPhone12/13Pro Series iPad Pro(Newer than 2020) Photo Latest version of iPhone,iPad	LiDAR iPhone12/13Pro Series iPad Pro(Newer than 2020)	LiDAR iPhone12/13Pro Series iPad Pro(Newer than 2020) Photo Latest version of iPhone,iPad	LiDAR iPhone12/13Pro Series iPad Pro(Newer than 2020)	LiDAR iPhone12/13Pro Series iPad Pro(Newer than 2020)	Latest version of iPhone,iPad	LiDAR iPhone12/13Pro Series iPad Pro(Newer than 2020) Photo Latest version of iPhone,iPad
Photo Mode Limitations	Number of pictures that can be taken: 300/time processing times: 150 times/month	?	Number of pictures that can be taken: 250/time processing times: 150 times/month	×	Number of images can be taken 200/time	×	×	Number of images can be taken 100/time	Number of images can be taken 300/time (400 under certain conditions)
Cloud upload	○	○	○	×	○	×	○ (Pro:39$/month)	○	×
Last Update	2022/5/26 Ver2.6.1	2022/6/8 Ver1.9.2	2022/6/9 Ver2.2.11	2022/5/30 Ver2.0	2022/5/24 Ver3.1.3	2021/9/18 Ver2.9	2022/5/24 Ver1.6	2022/3/28 Ver3.37	2022/5/24 Ver1.07
output format	Mesh:USDZ,FBX,OBJ, GLTF PC:PLY,LAS,XYZ	Mesh:USDZ,FBX,OBJ, GLTF,STL PC:PLY,LAS	Mesh:USDZ,OBJ, GLB,DAE,STL PC:DXF,PLY,XYZ,PTS,LAS	Mesh:USDZ,OBJ, GLTF,GLB,STL,DAE,FBX PC:PCD,PLY,PTS,LAS,e57	Mesh:USDZ,FBX,OBJ, STL,GLTF PC:PLY,XYZ	PLY,e57	PLY、e57	OBJ	Mesh:USDZ,OBJ, PC:PLY
AR display function	○	○	○	○	○	×	×	○	○
Video output function	○	○	○	○	○	×	×	×	○
Upload to sketchfab	data format:○ From App :×	data format:○ From App :○	data format:○ From App :○	data format:○ From App :○	data format:○ From App :×	data format:○ From App :○	data format:○ From App :○	data format:○ From App :○	data format:○ From App :○
android version	×	×	○	×	○	×	×	×	×
Personal Reflections	・The ability to switch viewpoints while scanning makes it easy to scan a wide area and to notice when you forgot to take a picture. ・The mini-map display is fun because it is easy to understand and makes scanning feel like a game. ・The video output function is easy to use because of its many setting options. ・Convenient and easy VR display. ・The mesh does not easily double even when taking overlapping shots. ・The ability to output multiple scanned data in one batch makes it very useful for business use.	・Top-level scanning performance, even for a free app ・Adjustable scan range ・Textures can be edited in the app. ・There are many apps that can do photogrammetry, but Scanivers is the only one that can do local processing. ・Local processing is good for photogrammetry even in places with poor reception. ・Recommended for people who want to try LiDAR scanning for now. ・Simple settings and easy to use for beginners. ・It's free, but the cloud sharing is great!	・I think it is the most complete application among all the apps. ・It is one of the first apps to implement the current Photo mode and video output functions, so you can enjoy the latest features. ・Photogrammetry is also available on the web browser. ・You can place your scanned models on the world map, so you can see how many models have been scanned in which area. ・The EXTEND function allows you to scan additional data once it has been processed.	・As far as I know, it is the oldest LiDAR scanning application and has a large number of users. ・The output format is the largest among all the apps, so it often saves the trouble of converting to other formats. ・The wide variety of settings for scanning allows for a wide range of scenarios. ・The only app that can do mesh, point cloud, and TrueDepth scanning in one app ・No photogrammetry, but TrueDepth scans can be used to scan small objects.	・The world's only Japanese-made scanning application (can be set to English) ・Photo mode only, but android is also supported. ・The only one of all apps that offers free photogrammetry that can be processed in the cloud. ・Convenient notification when processing is completed in Photo mode ・In addition to texture editing, the scanned model can be rescaled and rotated. ・Texture quality and polygon quality can be adjusted at any time.	・The density of the point cloud to be scanned can be changed in detail. ・ARkit mode has unlimited range and real-time processing, but is noisy. ・EveryPoint LiDAR mode is available, which combines photogrammetry and LiDAR scanning to reduce noise but limits the range of the image. ・There is a scan mode that can scan objects more than 15 meters away that further enhances the EveryPoint LiDAR mode, although it is currently in beta testing.	・Although there is a limit to the area that can be scanned at one time, the noise and accuracy are better than other apps. ・The UI and feel is the best among point cloud apps, and I can recommend this app to beginners. ・The application is recommended for construction companies, as it implements a cloud sharing function ($39/month) for construction companies with advanced measurement and commenting functions.	・At $4.99, it is a good introduction to 3D scanning because it is much less expensive than other apps. ・It is also good that all functions can be used on almost all iPhones. ・The ARkit mode is very easy to use, and even beginners who easily make mistakes with other types of photogrammetry can easily perform photogrammetry. ・I'm also glad that the number of pictures that can be taken at one time has been increased from 80 to 100.	・LiDARcapture mode good at scanning space and large objects ・importPhotos mode for photogrammetric processing of photos taken with camera apps or external cameras (drones, SLRs) ・Various scanning methods can be performed depending on the situation. ・Editing functions have also been enhanced, allowing you to delete only the parts you want to erase.

作成者:@iwamah1