

Site Scan FAQ List

	Questions	Answer
1	What are the output formats?	.tif (Orthomosaic + DEM), .rcp, .rcm, .obj, .las, .fbx
2	How can I get the site scan app? Is it a free or paid app?	The App is downloaded from the Google Play Store. Paid: \$3588/year (\$299/Mo) until end of June 2016, then \$5988/year (\$499/mo)
3	What camera does it use? Can I use different cameras?	Currently GoPro, Sony R10C coming July 2016
4	Can I go back and forth between the SS app and the Solo app?	No, the Solo firmware is different. You can change to the appropriate firmware at anytime from the Settings menu of each App (about 5 minutes)
5	Can I do several Jobs and geotag the images later?	Yes
6	How many Jobs can I process at the same time?	Infinite as long as you have sufficient space for your results on your A360 Drive.
7	What is the output resolution?	GoPro GSD(Ground Sampling Distance) 1.5 cm at 100ft. Sony R10C: 0.8 cm GSD at 100ft
8	Can I change Solo's speed for Scan or Survey modes?	Speed has been optimized for each mode and changes automatically
9	Can I merge two jobs for large survey areas?	Coming soon
10	What's the minimum and maximum area I can survey?	Max 80 acres / 32 Hectares
11	What are the best environmental conditions for a Scan or Survey to be successful?	Bright overcast (no shadows), wind calm
12	What is the level accuracy of the outputs from Site scan?	Dependant on many factors including GPS accuracy, GCP accuracy, camera resolution.

		Accuracy without GCP: within 1 meter, typically within 50 cm With GCP: within 3 pixels (GoPro up to 4.5cm, Sony up to 2.4cm)
13	Do I need any other software aside from sitescan to create a map or 3D model?	No, everything is done seamlessly in the cloud through the SiteScan app and results appear in your A360 account.
14	Can I get the app on more than one device if I already paid for it? if so, what are the specifications required?`	Yes. Payment goes with the account, not the app.
15	Do I need to be connected to the Internet to use Site Scan?	No, but you do need to be connected to the internet to login to the App and publish or process jobs.
16	What are the recommended settings for GoPro?	GoPro will set itself automatically and the user will not be able to adjust these. (OSD off, Protune off)
17	Can I get point cloud data from Site Scan's output?	Yes: .rcs, .las
18	Can I save the Survey or Scan missions to repeat them later?	Coming soon
19	Can I change the Survey's altitude?	Yes, with the resolution slider, there are 3 available altitudes. High Resolution: 100 ft (Above takeoff point) Medium Resolution: 212 ft Low Resolution: 368 ft
20	Can I use the PAUSE or Home buttons while executing a Survey or a Scan?	Yes
21	Alerts, warnings, and error codes from the app	see this doc
22	What tablets are compatible?	We recommend the Sony Xperia Z4, other Android devices may work but are not supported/tested.
23	How do I save maps? (Cache)	Go into "Flight Tools", click the Toolbox to exit the Flight Tools menu, select the

		Map view. Click the circular Download button on the right of the screen.
24	My GoPro is freezing, why?	GoPro may freeze if you are using an incompatible GoPro. Only GoPro Hero 4 Black, which is included in the Enterprise bundle, is compatible.
26	Will Site Scan work with other Drones than Solo?	No
27	How do I get Raw Files?	They are located on the SD card in the DCIM folder (Not georeferenced) Georeferenced images are located on the SD Card in a folder called "Android" (Android/data/com.o3dr.ig.android/files/GeoTag)
28	Can I use GCP's?	The feature will be added to the Site Scan App in the near future. You can currently add GCPs via Recap360 after initial processing.
29	Can I combine 2 Missions?	The option fly "multi-battery" missions will be available through the SiteScan app in the future. Currently this can be done post processing.
30	What happens when the mission is too large?	The mission will be end automatically when battery level becomes low, data will not be lost. The ability to resume interrupted missions is on the SiteScan roadmap.
31	Can I use Pix4D or another software to process the images?	Yes, you have access to the Raw georeferenced images so you could manually process through any software.
32	Does it know to avoid obstacles?	Flight planning is made easy to allow the user to plan his flight safely. A minimum safe altitude is selected by the user in the settings, the UAV will climb to this altitude in case of an automated return home to fly above obstacles.

		There are no collision avoidance sensors on the vehicle.
33	Can I use my existing Solo with Site Scan?	Yes
34	What happens when the Battery runs out?	Battery failsafe will trigger and Solo will return home
35	Can I use another camera besides the Gopro or Sony?	Currently no. We will soon (Q3 or 4) be adding the Parrot Sequoia Multispectral camera and FLIR Infrared camera as available payloads.
36	What are the specs of the Sony camera?	It is an Alpha Series 20 MegaPixel APS-C sensor (bigger than Micro 4/3 like Dji X5, slightly smaller than a Full Frame sensor)
37	Can I use a different lens?	GoPro: no Sony R10C: comes with two lenses, one 20mm F2.8 Prime lens for Survey and 3D modeling, and a 16-50mm zoom lens for Inspection
38	Does the Sony camera allows zoom?	Yes, the Sony R10C package includes a 16-50mm zoom lens.
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