OHI1Scan/Fusiform and Structure Camera Tip Sheet

Fusiform

1 After setting up your account, physical write down your email and password for the Fusiform App, it will come in handy in case the App needs to be updated or reinstalled.

Fusiform email: _____

Fusiform password: _____

Structure Camera

It is important to calibrate the camera so it can give the best performance. Poor calibration can lead to the following issues:

1 Immediate closure of the Fusiform App or Freezing when trying to scan.

2 Spinning, rotating, or bouncing box during scans.

3 Not getting a "red blanket" on surface of the object you want to scan.

Mark 2 Sensors have two calibrations

1 Pollock Calibration or Outdoor Calibration Mode

How to do Pollock or Outdoor Calibration

https://support.structure.io/article/459-getting-started-how-to-use-calibrator

Indoor calibration file for Pollock Calibration

https://drive.google.com/file/d/16ivwwK2SNt4FwGb0ut1avVot82DPdcaG/view

2 How to do Infrared / Stereo Refinement

How to do Infrared / Stereo Refinement

https://support.structure.io/article/580-stereo-image-refinement

Scanning Tips When Using Camera

1 Make sure camera is charged, battery life on camera is good for maximum 1 hour of use. *If using a newer iPad Air or iPad Pro the Scanner will charge from the USB-C plug in the device.*

2 Make sure to set suitable box size and distance to capture the object, suggested suitable size is 40cm to 60cm and distance 40cm to 50cm.

3 Scan slowly and steadily to keep focal distance, scan from one direction, try to not go over the same area twice.

4 Calibrations are required regularly, depending on usage could be weekly or monthly.

Settings for the OHI1Scan Mark II Camera

Width	67 cm
Size	67 cm³
Height	71 cm
Depth	50 cm
Distance	33 cm

Settings for the OHI1Scan mark Pro camera

Width	75 cm
Size	75 cm³
Height	77 cm
Depth	75 cm
Distance	30 cm