



MotionCam-3D S

Datasheet

General parameters	
Depth map resolution (scanner mode)	1600 x 1200
Depth map resolution (camera mode)	1120 x 800
Maximum FPS	20 fps
Maximum object / camera speed	40 m/s
3D points throughput	15 million points per second
GPU	NVIDIA Pascal™ Architecture GPU with 256 CUDA cores
Dimensions	80 x 68 x 307 mm
Baseline	230 mm
Weight	1300 g
Scanning range and performance	
Scanning range	366 - 558 mm
Depth range	192 mm
Scanning area	272 x 232 mm @ z = 366 mm 507 x 304 mm @ z = 558 mm
Camera mode	
Point size (@ z = 442 mm)	0.370 mm
Accuracy	0.300 mm
Temporal noise	0.100 mm
Scanner mode	
Point size (@ z = 442 mm)	0.250 mm
Accuracy	0.150 mm
Temporal noise	0.050 mm

CAD Model

Download the CAD model of the MotionCam-3D S and its scanning volume:

www.photoneo.com/dl/cad/cam-5

Scanning Volume

