



# MotionCam-3D S+

## Datasheet

General parameters	
Depth map resolution (static mode)	1600 x 1200
Depth map resolution (dynamic 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
Weight	1300 g
Scanning range and performance	
Baseline	230 mm
Scanning range	630 - 1574 mm
Depth range	944 mm
Optimal scanning distance (sweet spot)	900 mm
Scanning area (at sweet spot)	784 x 560 mm
Data acquisition time	10 ms
Point size (dynamic, at sweet spot)	0.76 mm
Accuracy (dynamic)	1.0 mm
Temporal noise (dynamic)	0.15 mm
Point size (static, at sweet spot)	0.52 mm
Accuracy (static)	0.50 mm
Temporal noise (static)	0.10 mm

## CAD Model

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

[www.photoneo.com/dl/cad/cam-S+](http://www.photoneo.com/dl/cad/cam-S+)

# Scanning Volume

