



# 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
Baseline	230 mm
Weight	1300 g
Scanning range and performance	
Scanning range	630 - 1574 mm
Depth range	944 mm
Scanning area	481 x 401 mm @ z = 630 mm 1349 x 968 mm @ z = 1574 mm
Camera mode	
Point size (@ z = 900 mm)	0.760 mm
Accuracy	1.000 mm
Temporal noise	0.150 mm
Scanner mode	
Point size (@ z = 900 mm)	0.520 mm
Accuracy	0.500 mm
Temporal noise	0.100 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

