



MotionCam-3D L

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 627 mm
Baseline	550 mm
Weight	1500 g
Scanning range and performance	
Scanning range	778 - 3034 mm
Depth range	2256 mm
Scanning area	410 x 518 mm @ z = 778 mm 2495 x 1836 mm @ z = 3034 mm
Camera mode	
Point size (@ z = 1239 mm)	1.050 mm
Accuracy	1.250 mm
Temporal noise	0.150 mm
Scanner mode	
Point size (@ z = 1239 mm)	0.720 mm
Accuracy	0.900 mm
Temporal noise	0.10 mm

CAD Model

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

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

Scanning Volume

