



MotionCam-3D M

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 427 mm
Baseline	350 mm
Weight	1400 g
Scanning range and performance	
Scanning range	497 - 939 mm
Depth range	442 mm
Scanning area	331 x 324 mm @ z = 497 mm 862 x 567 mm @ z = 939 mm
Camera mode	
Point size (@ z = 650 mm)	0.550 mm
Accuracy	0.500 mm
Temporal noise	0.100 mm
Scanner mode	
Point size (@ z = 650 mm)	0.370 mm
Accuracy	0.250 mm
Temporal noise	0.050 mm

CAD Model

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

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

Scanning Volume

