

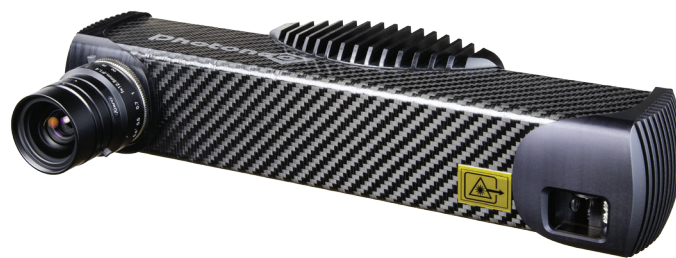
VISION
AWARD
2018
Winner

Photoneo
focused on 3D

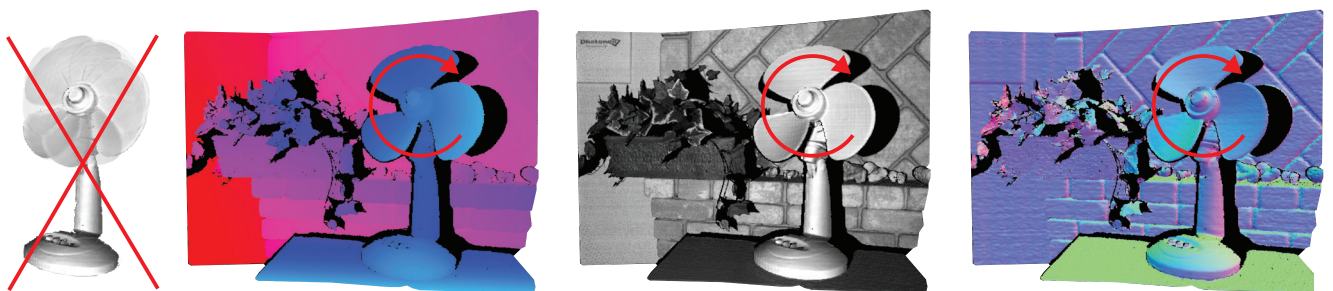


MotionCam-3D

The highest resolution and highest accuracy
3D camera in the world



Consistent scanning in rapid motion



Depth/3D

Texture

Normals

Explore the samples:
<https://www.photoneo.com/motioncam-3d/>



EN

www.photoneo.com

Specifications

MotionCam-3D model M

Parameter	Scanning in motion	High resolution static scan
Resolution / 3D points	~ 0.5 M / 427 200 points	~ 2 M / 1 922 400 points
Resolution (depth map)	1068 x 800	1602 x 1200
Point to point distance at 1 m	0.84 mm	0.56 mm
Calibration accuracy	≤ 0.500 mm	≤ 0.150 mm
Temporal noise	≤ 0.500 mm	≤ 0.100 mm
Maximum FPS	20 fps	3 fps
Maximum object / camera speed	40 m/s	- (static)
Recommended scanning distance	350 - 2000 mm	
3D points throughput	15 Million points per second	
GPU	NVIDIA Maxwell™ 1 TFLOPS with 256 NVIDIA® CUDA® Cores	
Power consumption	25 W	
Projection	Laser class 3R, visible red light (638 nm)	

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