PHOTONEO MOTIONCAM-3D

3S-MBS0-3AF0F
MotionCam-3D S

- Robust Against Vibrations and Ambient Light
- Highest Resolution and Accuracy in 3D Scanning of Dynamic Scenes
- Scanning Range From 36cm to 3 Meters
- Works For Objects Moving Up to 40 m/s
- Point cloud with a resolution of 0.9 Megapixel and 15 million 3D points per second



PRODUCT DESCRIPTION

Photoneo MotionCam-3D is the highest resolution and highest accuracy 3D camera for dynamic scenes in the world. The scanner gives you accurate point clouds in a high level of detail without compromising quality or being disturbed by vibrations, ambient light or motion blur. This makes MotionCam-3D the perfect 3D scanner for handling objects in motion.

The power of parallel structured light
MotionCam-3D uses parallel structured light , which provides the same quality and resolution as regular structured light - but in dynamic scenes. This new patented technology uses a smart sensor design that scans the object in a snapshot as opposed to a standard image sensor that scans sequentially. This means that the method practically freezes the 3D scene in time.

SPECIFICATIONS

Scanning range max	558
Scanning range min	366
Scanning time	10 ms
Point to point distance	0.37 mm
Temporal noise (1 σ)	0.1
DC input	PoE & 24V
Height	68
Width	307
Depth	80
Calibration accuracy (1 σ)	0.3
Weight	1300
IP Class	IP65

Scanning area at maximum spot	507 x 343 mm


366
272
232
192
343
507