OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

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.

TECHNICAL DATA

Calibration accuracy (1 σ)	0.3 mm
DC input	PoE & 24V
Depth	80 mm
Height	68 mm
IP class	IP65
Point to point distance	0.37 mm
Scanning area at maximum spot	507 x 343 mm
Scanning range max	558 mm
Scanning range min	366 mm
Scanning time	10 ms
Temporal noise (1 σ)	0.1 mm
Weight	1300 g
Width	307 mm


366
272
232
192
343
507