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PHOTONEO MOTIONCAM-3D COLOUR

3S-MCS0-3AF0F
MotionCam-3D Color 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 0.9 Mpx resolution, color information and 15 million 3D points per second

PRODUCT DESCRIPTION

Photoneo MotionCam-3D is a 3D camera with high resolution and high accuracy for dynamic scenes. 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. With the Color add-on, you also get access to color information in the image.

With this camera, you can get colorful 3D point clouds and 3D models of literally any object in real time – whether it's large containers, small components or people in motion. Thanks to PhoXi 3D Instant Meshing software, you can scan an object from multiple perspectives and get its complete 3D model even if the object is moving in front of the camera.

TECHNICAL DATA

Calibration accuracy (1 σ)	0.3 mm
DC input	PoE & 24V
Depth	85 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	1000 g
Width	308 mm