

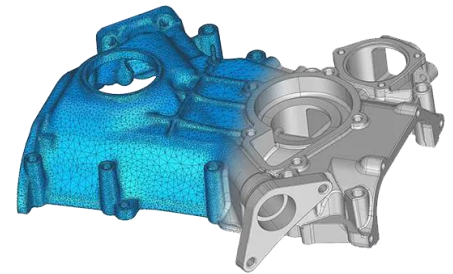
3mit MS Handheld 3D Scanner



Solid Vision

Technology Partners

A Complete Reverse Engineering Studio



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3mit MS Handheld 3D Scanner



(12cm/30cm Dual FOV Industry 3D Scanner)

0.04MM ACCURACY HIGH RESOLUTION 0.12MM 12-15 F/S COLLECTING SPEED

FEATURES:

- Utilizes structured light technology to achieve accurate and highly precise 3D Scans
- Suitable for scanning objects from 5 – 500cm (1.9” – 196.85” in) in high resolution
- Capable of scanning objects 2-4cm in lower resolution
- Automatic, real-time frame alignment and tracking recovery features
- Standard and fine scan modes
- Comes fully assembled and requires no additional accessories
- Free regularly updated software
- Format compatibility: save to .STL, .ASC

TECHNICAL SPECIFICATIONS:

SCANNER OPTICS:

Camera: Monochrome, 1.3mpx2

Lens: 16MM/5MP

Raster: 1280x800 Led, White light

Light Area: 30x24cm; 12x10cm

Resolution: 0.1mm

Frame Accuracy: 0.04mm

Scan Speed: 3.000.000 points/s, 12-15F/S

Scan Volume: 5-100cm

SOFTWARE:

Texture Scans: No available in different model

Alignment: Feature align (support group register), mix align, mark align, frame align

Post Processing Options:

CAD/Scan importing;

Point process (Register/ Merge, Noise Delete/Noise Filtering)

Polygon process (Smooth/ Decimate/ Subdivide/ Fill holes/ Remove Markers/ Scale)

Polygon Healing (Abnormal/ Cross/etc)

Software Features:

Fill holes

Decimate

Smooth

Data format: ASC/STL

Photogrammetric: Yes, volume accuracy within 0.1mm/M (With add on Accessories)

CONNECTIVITY:

Public API: USB 3.0; C++ interface

PC require: Nvidia as main GPU; Win7 (64) and higher

Certification: CE/FCC/WEEE/CNAS

Power Requirements: 100-240V, 5A

What's in Box:

Packing List:

- 1.Scanner 2.Mark sticker 3.Acrylic calibration plate 4.Cables 5.USB 6.Socket adapter

