

REVOPOINT

All in One



Product Name	MIRACO 3D Scanner
Single-frame Accuracy	Up to 0.05 mm
Fused Point Distance	Up to 0.05 mm
Technology	Quad-camera Infrared Structured Light
Single Capture Area at Nearest Distance	28 × 53 mm at 100 mm
Single Capture Area at Furthest Distance	975 × 775 mm at 1000 mm
Scanning Mode	Continuous, Single-shot
Scanning Speed	Up to 15 fps
Minimum Scan Volume	10 × 10 × 10 mm
Working Distance	100 - 1000 mm
Auxiliary Lighting	Infrared Fill Lights, Flash LEDs
Position Sensors	9-axis IMU
Internal Storage	256 GB eMMC
Battery	Internal 5000 mAh, 50W fast charging
Memory(RAM)	16 GB or 32 GB DDR4 Memory
CPU	8-core 2.4 GHz
Dimensions (L x W x H)	200 × 50 × 110 mm
Tracking Methods	Feature , Marker
Connector Type	USB Type-C
Compatible Operating Systems	Windows 10/11 (64-bit), macOS
Scanning Environment	Indoors and Outdoors
Output Formats	PLY, OBJ, and STL



Single-shot & Continuous Capture Mode



Long Scans
Fast Charging

5000 mAh

Scanning Speed
Up to **15 fps**

16 GB RAM
MIRACO

32 GB RAM
MIRACO Pro

8-core 2.4GHz Processor
256 GB Hard Drive

48-megapixel
RGB Camera

6"

Screen Size

Adjust 180°

Note:
 1. Precision is how close repeated measurements of the same object are to each other. Accuracy is how close a measured value is to the actual (true) value. They were both acquired in a controlled lab environment. Actual results might vary, subject to the operation environment.
 2. Class I Laser. Avoid direct eye exposure for extended periods! Refer to Standards for Class I Lasers for details.
 3. Outdoor scans should avoid direct sunlight.
 4. Some products have flashing lights, which may not be suitable for people with photosensitive epilepsy.

MIRACO 3D Scanner

3D Scanning Redefined



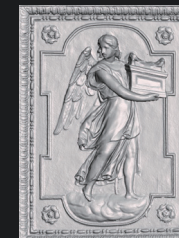
Aerospace

Quickly scan aircraft parts to check for wear and fatigue or to create replacements.



Preservation

Digitize historical items with photo realistic color details for preservation or restoration without direct contact.



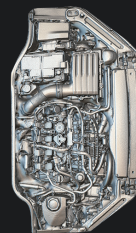
Revopoint is a global leader in scanning technology designed to make 3D scanning accessible to people everywhere. Powered by robust R&D investment and state-of-the-art production processes, we've created cutting-edge technologies ranging from micro-structured optical chips to high-precision 3D vision algorithms.

We're focused on global growth through innovation, with our expanding product line-up being sold worldwide. And we're ready to move forward to meet diverse needs and challenges with our solid foundations and innovative spirit.

The Revopoint MIRACO is a versatile, all-in-one 3D scanning system. Its high-accuracy quad-depth cameras, intelligent algorithms, high-performance chip, and touch screen offer seamless 3D scanning, editing, and meshing for small to large objects. Removing the hassle of needing multiple 3D scanners for different object sizes or needing to purchase costly high-performance computers.

Automobiles

Capture every last part of a vehicle without time-consuming manual measurements for repair, reproduction, prototyping, or quality control.



Education and Research

MIRACO's flexible scanning modes offer many options for creating media-rich learning content or research data for teachers, students, and scientists.



Powerful On-board Software

The onboard software's intuitive UI makes capturing and post-processing your model a breeze. Perform fusion, meshing, and editing on the go to check the model before exporting your scans in STL, PLY, or OBJ.



3D Animation

Capture full-body scans in under 60 seconds or highly detailed face scans using MIRACO's Far and Near modes.



Healthcare

Capture body parts for prosthetic fittings, reconstructive surgery, and orthopedics.



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