Product Name	POP 3 3D Scanner
Technology	Dual-camera Infrared Structured Light
Single-frame Precision	Up to 0.05 mm
Single-frame Accuracy	Up to 0.1 mm
Single Capture Area at Nearest Distance	61 × 68 mm at 150 mm
Single Capture Area at Furthest Distance	244 × 180 mm at 400 mm
Working Distance	150 mm - 400 mm
Minimum Scan Volume	20 × 20 × 20 mm
Scanning Speed	Up to 18 fps
3D Light Source	Class 1 Infrared Light
Fused Point Distance	Up to 0.05 mm
Dimensions (L × W × H)	153 × 45 × 29 mm
Compatible Operating Systems	Windows 10/11 (64-bit), Android, iOS, macOS
Output Formats	PLY, OBJ, and STL
Wi-Fi	6
Connector Type	USB Type-C
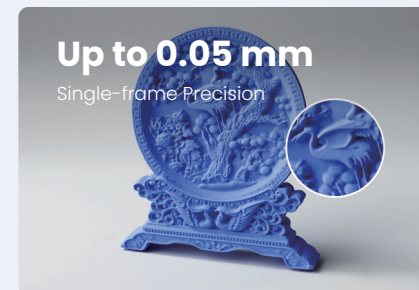
Note:

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 1 Laser: Avoid direct eye exposure for extended periods! Refer to Standards for Class 1 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.

Up to 0.05 mm
Single-frame Precision

Up to 18 fps
Smooth Scanning

IR & White LEDs
for Enhanced Scanning

IMU
Motion Tracking

Increased Aperture Size
for Higher Fidelity Color Scans

Wi-Fi 6
Energized Connectivity

POP 3 3D Scanner

Stabilized Elegance for
Medium Scans

High Fidelity Color Scans

POP 3 is the next-gen 3D scanner from the POP series with new and improved hardware, design, and usability. The improvements in POP 3's capabilities make capturing 3D scans for 3D printing, 3D animation, reverse engineering, healthcare, product design, digitizing historical items, VR/AR, and more even easier.

Runs on Nearly Everything

POP 3 is combined with Revo Scan, powerful scanning and editing software that can run on low-end PCs without high RAM requirements. Revo Scan's user-friendly interface makes it easy for beginners to master. Export your scans in STL, PLY, and OBJ formats for compatibility with most mainstream 3D software.

Revo Scan 5

Windows   macOS
Android   iOS
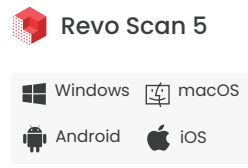
3D Printing

With a single-frame precision of 0.05 mm, POP 3 captures an object's geometric shape and converts it into a digital 3D model, providing high-precision models for the 3D printing industry.

Product Design

POP 3's vivid color capture helps designers create more flexibly and quickly and explore their ideas to speed up and simplify the process of product production and shorten project cycles.

Animation Design

POP 3's fast scanning speeds of up to 18 fps can quickly capture realistic scans of people ready for use in animation and special effects, helping to facilitate the rapid development of VR/AR and 3D animation content.

Reverse Engineering

Smooth frame stitching and 0.05 mm single-frame precision allow POP 3 to scan parts with complex shapes and many curved surfaces, saving time and improving efficiency for reverse engineering design.

Healthcare

POP 3's 9-axis IMU intelligent removal of fault frames and safe class 1 light source enables fast and accurate scans of human faces and body parts, which can be used in orthopedics, rehabilitation, and other fields.

Digital Artifacts

Avoid any potential damage to historical objects caused by traditional measurement and research methods, using POP 3's non-contact scanning to help digitize historical relics and promote deeper learning.

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.

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