



Skaner 3D Revopoint Pop 3 Plus advanced



Modelis: Pop3 plus advanced

Gamintojas: REVOPOINT

EAN: 6975577880673

Prekės kodas: 352424

823.99€

Revopoint Pop 3 Plus advanced 3D scanner

Discover the Revopoint POP 3 Plus, a portable 3D scanner that combines outstanding single-frame accuracy (0.08 mm), 2x optical magnification, image stabilization by a 9-axis IMU, and global marker tracking mode for flawless point cloud fusion. With scanning speeds of up to 18 frames per second and a built-in HD RGB camera, you'll get fast, full-color models, making the Pop 3 Plus up to 20% more precise than the Pop3. The scanner supports objects from 20mm all the way up to 2000mm, and the free, cross-platform Revo Scan software allows you to export almost any format without constant network access. Take your projects to the next level - bet on the reliability and quality that professionals expect. A two-axis turntable and powerbank are included with the Advanced version.

Exceptional precision in every detail

The Revopoint Pop 3 Plus is the latest model in the Pop series. It offers single-frame accuracy of 0.08 mm, which was previously only available on much more expensive units. The Pop 3 Plus offers as

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš

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much as 20% more precision than its predecessor, which translates into even higher confidence in measurement repeatability. Whether you're digitizing a complex engine part or a richly decorated sculpture, every nuance will be rendered with the highest accuracy.

Advanced image tracking and stabilization

The built-in 9-axis IMU (Inertial Measurement Unit), consisting of a gyroscope, accelerometer and magnetometer, continuously monitors the scanner's movement. As a result, the Pop 3 Plus automatically corrects minor hand shake, eliminating the risk of blurry fragments and errors in merging successive frames. In addition, the global marker tracking mode significantly reduces the accumulation of errors in the point cloud, resulting in extremely stable and precise data fusion.

Fast and efficient scanning

With scanning speeds of up to 18 frames per second, you can go from object setup to finished 3D model in no time. The 2x optical magnification significantly increases the sharpness of the structured light, resulting in a 30% better point cloud reproduction compared to the previous Pop 3 model, while the built-in HD RGB (Red, Green, Blue, or Red, Green, and Blue) camera produces realistic, full-color textures that further enhance the digital reproduction.

Versatility of applications

The range of recommended scanning volumes (from 20 × 20 × 20 mm to as much as 2,000 × 2,000 × 2,000 mm) makes the Revopoint Pop 3 Plus ideal for precision engineering, as well as art archiving or automotive prototype preparation. Whether you're working in a design office, model shop or exhibition hall, this scanner will meet your most demanding expectations.

Hassle-free operation and comprehensive software

Installation of the Revo Scan 5 is simple and intuitive. All you have to do is connect the scanner to your computer, select your device from the list and start calibration with a few clicks, following the clear directions on the screen. IMU calibration provides full stabilization capabilities, and the free software runs on Windows, macOS, Android and iOS systems without the need for constant network access - an internet connection is only needed for updates and file transfers.

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Full compatibility with your tools

You'll save your scanned models in PLY, OBJ, ASC, STL, FBX, GLTF and 3MF formats, guaranteeing seamless integration with the most popular CAD (Computer-Aided Design, a process that uses computer software to create, analyze, modify and document designs, typically in fields such as engineering, architecture and design), 3D printing applications or presentation platforms. This will bring digital scans into your system without any restrictions.

Included

- Pop 3 Plus 3D scanner
- tripod
- two-axis turntable
- charger for the two-axis turntable
- power bank
- reusable adhesive pad
- mini turntable
- turntable cap
- power cable for turntable
- smartphone holder
- carrying case
- calibration plate
- "magic mat"
- markers
- USB Type-C to Type-A adapter
- USB Type-C to Type-A cable
- 2-in-1 cable
- scanning bust
- user manual

Manufacturer

Revopoint

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Model	Pop 3 Plus advanced
Scanning type	Manually or with a desktop computer
Size of scanned objects	Medium (medium)
Precision of a single frame	0.04 mm
Accuracy of a single frame	0.08 mm
Anastomosis point distance	0.05 mm
Working range	150 ~ 400 mm
Single capture area at closest distance	61 x 68 mm at 150 mm
Single capture area at farthest distance	244 x 180 mm at 400 mm
Angular field of view (H x W)	40 x 25°
Minimum scan volume	20 x 20 x 20 mm
Maximum scan volume	2x 2 x 2 m
Scanning speed	18 fps
Camera resolution	1MP depth camera, 1MP RGB camera
Color scanning	Supported
Outdoor scanning	Supported
3D light source	Class 1 infrared light
Infrared fill light	Yes
White LED light	Yes
Sensors	9-axis IMU
CPU	2-core, 1.6 GHz
Built-in computing chip	Depth map calculation
Internal memory	None
RAM memory	None

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Touchscreen display	None
Buttons	3
System requirements	macOS: RAM ≥8GB, CPU M1 Pro, M1 Max, M1 Ultra M2, M2 Pro, M2 Max, M2 Ultra M3, M3 Pro, M3 Max; Windows: RAM ≥16GB, CPU i5 - 12/13/14, i7 - 12/13/14, i9 - any series.
Recommended system requirements for PC	Intel Core i7, 16GB RAM or better
Compatible operating systems	Windows 10/11 (64-bit), Android, iOS, macOS
Native system	None
Supported formats	PLY, OBJ, STL, ASC, 3MF, GLTF, FB, X
3D model printing capability	Yes
Wi-Fi version	6
Bluetooth version	4.1
Connector type	USB Type-C
Power requirements	DC 5V, 1A
Battery	None
Weight	190 g
Dimensions	153 x 45 x 29 mm
Scanning non-standard objects	Recommended to use spray for transparent, dark or glowing objects

GPSR Link: <https://psr->

assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_scanners.pdf, Gross weight: 3540, Box length: 29,00, Box width: 25,50, Box height: 21,50, Net weight: 190, Information about data generation: <https://dataact.innpro.pl/revopoint/6975577880673>

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