



Skaner 3D Revopoint Miraco Pro



Modelis: Miraco Pro

Gamintojas: REVOPOINT

EAN: 6975577880321

Prekės kodas: 355458

1,754.98€

Revopoint Miraco Pro 3D Scanner

Immerse yourself in a new era of mobile 3D scanning with the Revopoint Miraco Pro, an ultralight and fully wireless scanner that runs continuously for up to two hours on a single charge. The four-camera depth system allows you to switch seamlessly between fine detail mapping (0.02 mm) and high-speed scanning of large objects (0.2 mm), available in Single Shot and Continuous Shot modes. A powerful 2.8GHz octa-core processor, 32GB of RAM and 256GB of internal memory accommodate up to 10,000 frames of scans without color and up to 8,000 frames in color, while a 6-inch AMOLED 2K screen with 180° adjustment and advanced post-processing features allow you to work without a computer. Photorealistic colors are provided by a 48MP RGB camera, while a 9-axis IMU, IP45 certification and Wi-Fi 6 guarantee reliability in all conditions. Discover how easy it is to transfer reality to the digital world!

Wireless freedom and compact design

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 įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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The Revopoint Miraco revolutionizes the approach to 3D scanning, combining unparalleled mobility with a lightweight body weighing just 750g. With a built-in 5,000mAh battery and 50W fast charging technology, the device runs continuously for about two hours and takes just a moment to renew its power. This means you can completely forget about cables and stationary workstations - scan where you want, without compromise.

Infinite possibilities for detail and scale

With its Quad Depth Camera system, Miraco seamlessly switches between capturing the smallest features (for example, a 33 × 10 × 10 mm screw) and imaging large objects (such as a 600 × 138 × 220 mm muffler). This dynamic combination allows the scanner to maintain surgical precision to as much as 0.02 mm in a single shot, while scanning larger forms to within 0.2 mm, without having to change equipment or prepare different modes.

Two-speed image capture

In situations requiring detailed imaging of complex surfaces, Single Shot Mode eliminates problems with tracking loss and difficulty with contrasting textures. When, on the other hand, speed is a priority, Continuous Shot Mode allows you to work at up to 20 frames per second, significantly speeding up the process of creating 3D models of both small and large objects.

Independence without compromise

The Miraco features a 2.8 GHz octa-core processor, 32 GB of RAM (random-access memory, main memory) and a 256 GB disk, allowing up to 10,000 frames of scans without color, and up to 8,000 with color. Advanced point cloud processing and model editing functions are available on the device - you don't need a computer to see the scan results. Everything is displayed on a 6-inch AMOLED 2K screen (Active-Matrix Organic Light-Emitting Diode, an advanced display technology that uses organic light-emitting diodes), which you can adjust 180°, adapting the frame to any measurement situation.

Photorealistic colors and security features

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The 48MP RGB-quality camera used on the Miraco guarantees vivid, accurate color reproduction in both single shot and continuous mode. In addition, a nine-axis IMU (Inertial Measurement Unit, a module that measures the acceleration and angular velocity of an object in space using accelerometers and gyroscopes) ensures stable and accurate motion tracking, and IP45 certification allows operation in temperatures from -10 °C to 40 °C, making the scanner ready for extreme conditions. Wi-Fi 6 support and a face-scanning function for taking selfies expand the device's applications, making it an invaluable tool for engineers, designers and content creators.

Included

- Miraco Pro 3D scanner
- calibration plate for scanning from a distance x4
- calibration plate carrying case
- USB Type-C to HDMI adapter
- tripod
- mini turntable
- bust (for scan testing)
- turntable cap
- power cable for turntable
- storage bag
- calibration plate for close-up scanning
- "magic mat" x2
- wrist strap
- USB Type-C dual port adapter
- USB Type-C to C cable (1.8m)
- cleaning cloth
- stickers
- user manual

Manufacturer

Revopoint

Model

Miraco Pro

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Technology used	Quad infrared structured light camera with optical zoom and ultra-high resolution for photogrammetric metrology
Single frame precision	Up to 0.02 mm
Accuracy of a single frame	Up to 0.04 mm
Photogrammetric length accuracy	0.02 mm + 0.05 mm x L (m)
Fusion point distance	Up to 0.05 mm
Working distance	100 - 1000 mm
Single capture area at closest distance	28 x 53 mm @ 100 mm
Single capture area at farthest distance	975 x 775 mm @ 1000 mm
Minimum scan volume	10 x 10 x 10 mm
Maximum scan volume	4 x 4 x 4 m
Scanning speed	Up to 20 frames per second
Camera resolution	Camera depth: 2MP, RGB camera: 48MP
CPU	8-core ARM A76, 2.4GHz, Mali G52 GPU
3D light source	Class 1 infrared light
RAM and internal memory	32 GB + 256 GB
Fill lights	Camera depth: 8, RGB camera: 2
Sensors	9-axis IMU

GPSR Link: <https://psr->

assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_scanners.pdf, Gross weight: 5000, Box length: 48,00, Box width: 28,00, Box height: 15,50, Net weight: 750, Information about data generation: <https://dataact.innpro.pl/revopoint/6975577880321>

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