



Revopoint Miraco 3D Scanner



Model: Miraco

Manufacturer: REVOPOINT

EAN: 6975577880277

Product Code: 805717

R38,774

Revopoint Miraco 3D Scanner

Immerse yourself in a new era of mobile 3D scanning with the Revopoint Miraco, 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, 16GB of RAM and 256GB of internal storage accommodate up to 10,000 frames, while a 6-inch AMOLED 2K screen with 180° adjustment and advanced post-processing features let you 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

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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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.

Dual-mode image capture

In situations requiring detailed mapping of complex surfaces, Single Shot Mode eliminates issues with loss of tracking and difficulties with contrasting textures. When speed is the priority, Continuous Shot Mode allows for operation at up to 15 frames per second, significantly accelerating the process of creating 3D models of both small and large objects.

Independence without compromise

The Miraco features a 2.8GHz octa-core processor, 16GB of RAM (random-access memory, main memory) and a 256GB disk, allowing up to 10,000 frames to be stored, including 4,000 scans 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 safety features

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The 48MP RGB camera used in the Miraco guarantees vivid, accurate color reproduction in both single shots and continuous mode. Additionally, the nine-axis IMU (Inertial Measurement Unit, a module that measures an object’s acceleration and angular velocity in space using accelerometers and gyroscopes) ensures stable and accurate motion tracking, while the IP45 rating allows operation at temperatures ranging from –10 °C to 40 °C, making the scanner ready for use in extreme conditions. Support for Wi-Fi 6 and the face-scanning feature during selfies expand the device’s applications, making it an invaluable tool for engineers, designers, and content creators.

Included in the set

- Miraco scanner
- tripod
- mini turntable
- bust (for scan testing)
- rotator cover
- power cable for the rotator
- storage bag
- calibration plate for close-up scanning
- wrist strap
- dual USB Type-C input adapter
- USB Type-C to C cable (1.8 m)
- cleaning cloth
- stickers
- user manual

Manufacturer	Revopoint
Model	Miraco
Technology used	Quad infrared camera, structured light
Fusion point distance	0.05 mm
Single-frame accuracy	Up to 0.05 mm

Single capture area at closest distance	28 × 53 @ 100 mm
Single capture area at farthest distance	975 × 775 @ 1000 mm
Working range	100 ~ 1000 mm
Minimum scan volume	10 mm x 10 mm x 10 mm
Scan speed	Up to 15 frames per second
Sensors	9-axis IMU
Display	2K 6" AMOLED
CPU	8-core ARM A76, 2.8GHz Mali G52 GPU
Storage	256 GB eMMC
3D light source	Class 1 infrared light
Battery capacity	5000 mAh
Charging power	50 W
RAM	16 GB DDR4
RGB camera quality	48 MP
Scanning unusual objects	It is recommended to use scanning spray for transparent, dark, or highly reflective objects.
Scanning environment	Indoors or outdoors
Weight	750 g
3D printing compatibility	Yes
Compatible systems	Windows 10/11, macOS
Additional lighting	Infrared fill lights, flashing LED lights
Connectivity methods	USB Type-C 3.1, Wi-Fi 6
Protection rating	IP45
Tracking methods	Marker, highlight
External controls	Built-in
Output formats	PLY, OBJ, STL
Operating system	Native Android system
Charging speed	35 minutes to 80%

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Gross weight: 3170, Box length: 48,00, Box width: 28,00, Box height: 9,50, Net weight: 750, GPSR
Link: https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_scanners.pdf,
Information about data generation: <https://dataact.innpro.pl/revopoint/6975577880277>

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