

Specifications	Revopoint Trackit Tracking 3D Scanner	Revopoint Trackit SR Tracking 3D Scanner
Scanner		
Single-frame Accuracy ^①	0.02 mm	0.02 mm
Fused Point Distance, up to	0.05 mm	0.05 mm
Depth Camera Resolution	2 Megapixels (No need to displayed on the promotion page)	/
RGB Camera Resolution	2 Megapixels (No need to displayed on the promotion page)	/
Scanning Speed, up to	1,500,000 Point/s	2,000,000 Point/s
Light Source ^②	30 Blue Cross Laser Lines 1 Blue Single Laser Line	Fine Mode: 30 Blue Cross Laser Lines Far Mode: 17 Blue Parallel Laser Lines Deep Hole Mode: 1 Blue Single Laser Line
Working Distance	200 - 400 mm	Cross Laser Lines: 200 - 400 mm Parallel Laser Lines: 250 - 500 mm Single Laser Line: 200 - 400 mm
Single Capture Area at Nearest Distance	160 × 70 mm @ 200 mm	123 × 130 mm at 200 mm
Single Capture Area at Furthest Distance	320 × 215 mm @ 400 mm	330 × 325 mm at 500 mm
Wi-Fi	/	6
Weight	1.2 kg	1.0 kg
Dimensions (L × W × H)	295 × 295 × 205 mm	250 × 250 × 177 mm
Operating Temperature Range ^③	0 - 40 °C	0 °C - 30 °C
Output Formats	PLY, OBJ, STL, ASC, 3MF, GLTF, FBX	PLY, OBJ, STL, ASC, 3MF, GLTF, FBX
Material	Frame: Carbon Fiber Housing: Polycarbonate	Frame: Carbon Fiber Housing: Polycarbonate
Tracker		
Part Size Range (Recommended)	0.01 - 6 m	0.01 - 4 m
Volumetric Accuracy (Tracking system)	0.02 mm + 0.04 mm × L (m)	0.02 mm + 0.04 mm × L (m)
Working Distance	1500 - 4000 mm	800 mm - 2500 mm
Minimum Tracking Frame	1304 × 1067 mm @ 1500 mm	587 × 569 mm @ 800 mm
Maximum Tracking Frame	3260 × 2845 mm @ 4000 mm	2075 × 1778 mm @ 2500 mm
Tracking Volume	11 m³	3 m³
Camera Resolution (Tracking system)	5 Megapixels (No need to displayed on the promotion page)	/
Wi-Fi	/	6
Weight	2.0 kg	1.5 kg
Dimensions (L × W × H)	686 × 106 × 111 mm	441 × 111 × 103 mm
Tracking Band	Infrared	NIR
User Recalibration	Auto Calibration Tracker has an auto gimbal calibration system. The Scanner requires manual calibration.	Manual Calibration
Supported Accessories	Calibration Board, Calibration Pole, Auto Calibration Dual-axis Gimbal, Anchor Block, Large Turntable	Calibration Board, Calibration Pole, Anchor Block, Battery Grip
Note	① Accuracy are acquired in a controlled lab environment. Actual results might vary, subject to the operation environment. ② Class 1 Laser Safety Tips: 1) The product uses a Class 1 laser projector. Avoid looking directly at it at close range! Please refer to the Class 1 laser standard document for details. 2) To prevent laser reflection, avoid placing reflective surfaces like mirrors or glass in the path of the laser beam. ③ To ensure accuracy, it's recommended to use the product within an environment temperature range of 20°C to 25°C (68°F to 77°F). ④ This product has flashing lights, which may not be suitable for people with photosensitive epilepsy.	① Accuracy are acquired in a controlled lab environment. Actual results might vary, subject to the operation environment. ② Class 2 Laser Safety Tips: 1) The product uses a Class 2 laser projector. Avoid looking directly at it at close range! Please refer to the Class 2 laser standard document for details. 2) To avoid retina damage, don't look directly into the laser beam through optical instruments capable of magnifying it (e.g., telescopes, and camera lenses). 3) To prevent laser reflection, avoid placing reflective surfaces like mirrors or glass in the path of the laser beam. ③ To ensure accuracy, it's recommended to use the product within an environment temperature range of 20°C to 25°C (68°F to 77°F). ④ This product has flashing lights, which may not be suitable for people with photosensitive epilepsy.