POP 3D SCANNER

V3.0

REVOPOINT

2022.10

Product Profile

Introduction

The POP handheld 3D scanner adopts a proprietary 3D camera module and an embedded chip to deliver accurate and fast 3D scans. This scanner is designed to be compact and portable, with multi-mode scanning capabilities. It meets the requirements for product development, prototyping, 3D printing and artistic creation.

The Revopoint POP 3D Scanner utilizes Binocular Structured Light, ensuring that the acquired 3D point cloud data features are of high accuracy. The highest single-frame precision can reach 0.15mm. A set of depth cameras, with two IR sensors and one projector, can quickly obtain the 3D shape of objects, and one RGB camera is used to capture texture information. This device supports high-precision and texture scanning modes, allowing you to generate vivid 3D models directly.

Specifications

Product Name	3D Scanner
Product Model	POP
Technology	Dual camera infrared structured light
Single-frame Precision	Up to 0.15 (mm)
Single-frame Accuracy	Up to 0.3 (mm)
Single Capture Range	210 x 130 (mm)
Working Distance	275 ± 100 (mm)
Minimum Scan Volume	30×30×30 (mm)
Scan Speed	8 fps
Point Distance	0.15 (mm)
Light Source	Class 1 Infrared Laser
Alignment	Feature alignment, marker point alignment
Output Format	PLY, OBJ, STL
Texture Scan	Yes
Special Object Scanning	For transparent and highly reflective objects, please use a 3D Scanning spray powder, with optional sublimation
Outdoor Scanning	A cover is needed to avoid interference of intense light
Scanner Weight	225g
Dimensions	154.6 x 38.2x 25.6 (mm)
Printable Data Output	Able to export 3D model directly to a 3D printer
Required Computer Configurations	Windows 8/10, 64-bit, Android, iOS, MAC
Wi-Fi	2.4 GHz
Bluetooth	2.4 GHz
Note	*The aforesaid accuracy is acquired in a standard lab environment. Results may vary, depending on the actual operating environment.

Warning

The product cannot be returned if the
"Warranty Void If Seal Is Broken"
label is damaged or removed.

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