

	Name	POP 3 Plus
1	Scanning Type	Handheld and Desktop
2	Technology	Dual-camera Infrared Structured Light
3	Scannable Object Size	Medium
4	Single-frame Precision, up to	0.04 mm
5	Single-frame Accuracy, up to	0.08 mm
6	Fused Point Distance, up to	0.05 mm
7	Working Distance	150 ~ 400 mm
8	Single Capture Area at Nearest Distance	61 x 68 mm at 150 mm
9	Single Capture Area at Furthest Distance	244 x 180 mm at 400 mm
10	Angular Field of View (H x W)	40 x 25°
11	Minimum Scan Volume	20 x 20 x 20 mm
12	Maximum Scan Volume	2 x 2 x 2 m
13	Scanning Speed, up to	18 fps
14	Depth Camera Resolution, up to	1 Megapixel
15	RGB Camera Resolution	1 Megapixel
16	Color Scanning	Yes
17	Tracking Methods	Feature, Marker
18	Outdoor Scanning	Yes
19	3D Light Source	Class 1 Infrared Light
20	Infrared Fill Lights	Yes
21	White Flash LEDs	Yes
22	Position Sensors	9-axis IMU
23	CPU	2 core, 1.6 GHz

24	Built in Chip Computing		Depth Map Computing	
25	Internal Storage		N/A	
26	Memory (RAM)		N/A	
27	Touchscreen Display		N/A	
28	Buttons		3	
29	PC Requirements	macOS	RAM	≥8GB
			CPU (or better)	M1 Pro/M1 Max/M1 Ultra M2/M2 Pro/M2 Max/M2 Ultra M3/M3 Pro/M3 Max
		Windows	RAM	≥16GB
			CPU (or better)	i5 12th/13th/14th i7 12th/13th/14th i9 all series
30	Recommended PC Requirements		Intel Core i7, 16 GB RAM or better	
31	Compatible Operating Systems		Windows 10/11 (64-bit), Android, iOS, macOS	
32	Native system		N/A	
33	Output File Formats		PLY, OBJ, STL, ASC, 3MF, GLTF, FB X	
34	Ready to Print 3D Models		✓	
35	Wi-Fi		6	
36	Bluetooth		4.1	
37	Connector Type		USB Type-C	
38	Power Requirements		DC 5V, 1A	
39	Battery		N/A	
40	Scanner Weight		190 g	
41	Dimensions (L x W x H)		153 x 45 x 29 mm	
42	Special Object Scanning		Use scanning spray for transparent, dark, or highly reflective objects.	

43	User Recalibration	Yes
44	Supported Accessories	Large Turntable, Dual-axis Turntable, Handheld Stabilizer, Power Bank, Mobile Kit
45	<p>Note:</p> <ol style="list-style-type: none"> <li>1. Precision is how close repeated measurements of the same object are to each other. Accuracy is how close a measured value is to the actual (true) value. They were both acquired in a controlled lab environment. Actual results might vary, subject to the operation environment.</li> <li>2. Class 1 Laser: Avoid direct eye exposure for extended periods! Refer to Standards for Class 1 Lasers for details.</li> <li>3. Outdoor scans should avoid direct sunlight.</li> <li>4. Some products have flashing lights, which may not be suitable for people with photosensitive epilepsy.</li> </ol>	

	产品名称
1	扫描方式
2	技术原理
3	扫描对象
4	单帧重复精度
5	单帧精度
6	最小点距
7	工作距离
8	单帧扫描范围（最近）
9	单帧扫描范围（最远）
10	视野角度, H x W
11	推荐最小扫描尺寸
12	最大扫描尺寸
13	扫描帧率
14	深度相机分辨率
15	<b>RGB</b> 相机分辨率
16	是否支持彩色扫描
17	拼接方式
18	是否支持室外扫描
19	光源
20	深度补光灯
21	<b>RGB</b> 补光灯
22	陀螺仪

23	CPU		
24	内置芯片计算功能		
25	存储		
26	内存		
27	触屏		
28	按钮		
29	电脑配置	macOS	内存
			处理器（及以上）
		Windows	内存
			处理器（及以上）
30	推荐电脑配置		
31	兼容系统		
32	原生系统		
33	输出文件格式		
34	输出数据是否兼容3D打印		
35	Wi-Fi		
36	蓝牙		
37	接口类型		
38	电源		
39	电池		
40	扫描仪重量		

41	尺寸(长 x 宽 x 高)
42	特殊物体扫描
43	是否支持扫描仪标定
44	支持配件
45	<p>备注：</p> <p>1. 单帧重复精度是指多次重复测定同一物体时各测定指在一定实验条件下多次测定的平均值与实际值相符兼为在实验室标准环境采用标准测试方法得到，实际</p> <p>2. 产品采用一级激光投射器，请避免长时间近距离直</p> <p>文件</p>

<b>POP 3 Plus</b>
手持、桌面
双目红外结构光
中等大小的物体
<b>0.04 mm</b>
<b>0.08 mm</b>
0.05 mm
150 - 400 mm
61 x 68 mm at 150 mm
244 x 180 mm at 400 mm
40 x 25°
20 x 20 x 20 mm
2 × 2 × 2 m
18 fps
100万像素
100万像素
是
特征拼接、标记点拼接
是
一级红外光
有
有
9轴IMU陀螺仪

2核, 1.6 GHz
进行深度数据计算
N/A
N/A
N/A
3
≥8GB
M1 Pro/M1 Max/M1 Ultra M2/M2 Pro/M2 Max/M2 Ultra M3/M3 Pro/M3 Max
≥16GB
i5 12th/13th/14th i7 12th/13th/14th i9 全系列
Intel i7, 16 GB 内存或以上
Windows 10/11 (64位), Android, iOS, macOS
N/A
PLY、OBJ、STL、ASC、3MF、 GLTF、FBX
✓
6
4.1
USB Type-C
DC 5V, 1A
N/A
190 g



153 x 45 x 29 mm

扫描透明、深/黑色、高反光物体时，  
请使用喷粉/显影剂。

是

电动大转台，双轴转台，手持稳定  
器，充电杆，移动套件

值之间彼此相符合的程度。单帧精度  
符合的程度。单帧重复精度与单帧精度  
使用环境下的结果可能有所不同。  
视投射器！详情请参阅一级激光标准