产品名称: **Raptor Pro 3D Scanner**

单页尺寸: 210X140MM
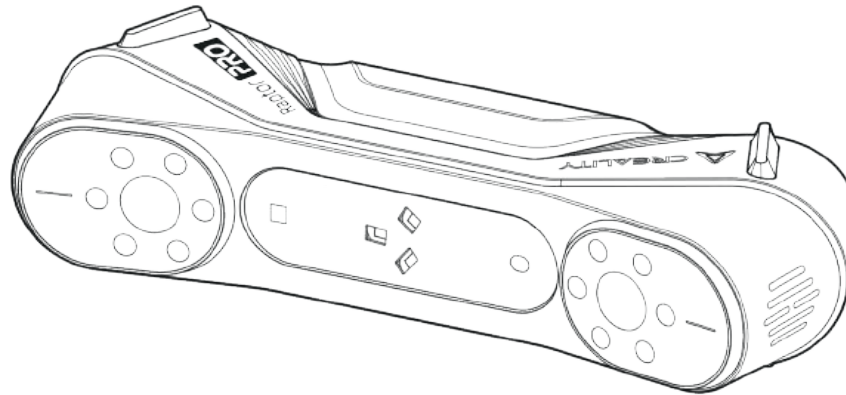
封面材质: 210G铜版纸, 双面过哑胶

内页材质: 128G铜版纸, 双面过哑胶

装订工艺: 无线胶装

印刷工艺: 四色印刷

————— **红色为出血线**

Creality Raptor Pro
3D Scanner
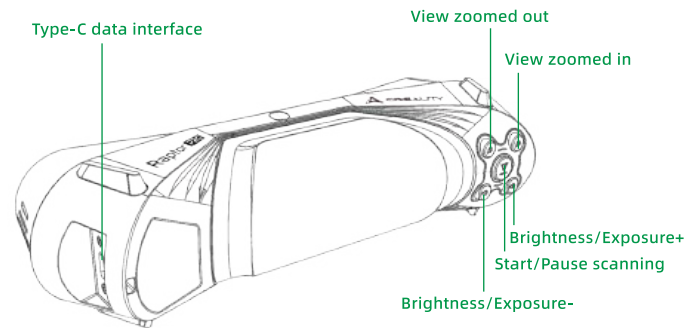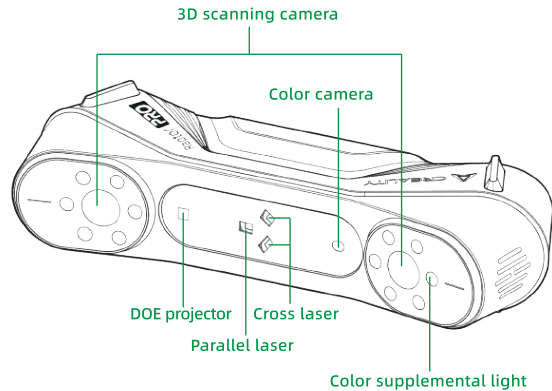
1. PRODUCT INTRODUCTION

Raptor Pro is a high-precision metrology-grade 3D scanner with an accuracy of up to 0.02mm, equipped with blue light, white light and infrared light sources. It is improved with large scanning area and high-speed scanning by crossed laser lines (22 lines), fine scanning of parallel laser lines (7 lines) and infrared scanning, and it can adapt to a variety of complex environments. It is widely used in automotive parts inspection, reverse engineering and product design, especially suitable for accurate scanning of medium and large complex parts, realizing full-size inspection, reverse design, 3D printing and additive manufacturing and other applications. At the same time, it is also suitable for high-precision scanning of human bodies, faces and cultural relics to meet the needs of diverse industries.

2. PRODUCT INFORMATION

2.1 Scanner Introduction

3D scanning camera
Color camera
DOE projector
Cross laser
Parallel laser
Color supplemental light

Type-C data interface
View zoomed out
View zoomed in
Brightness/Exposure+
Start/Pause scanning
Brightness/Exposure-

2.2 Scanner Button Description

Button	Scanner Feedback	Indicator light feedback
▶❘	Press once to start scanning; press again to pause scanning; press for ≥3S to end scanning. Double-click to switch between 7-line laser or 22-line crossed laser.	The middle indicator light flashes once
💡➕	Press once to increase the laser brightness by one level in laser line mode and the IR camera exposure by one level in infrared mode .	╱
💡➖	Press once to reduce the laser brightness by one level in laser line mode and reduce the IR camera exposure by one level in infrared mode .	╱
🔍➕	Short press once to zoom in one level.	╱
🔍➖	Short press once to reduce the view by one level.	╱

*When the distance indicator starts flashing during scanning, it means that the scanning tracking is lost and the scanner needs to return to the scanned area to re-track.

*When the device is in standby mode, the indicator light will enter a breathing state to save power.

2.3 Indicator light Instructions

Indicator light with color	Status or Meaning	Reference Color
Green steady	The device is operating normally or the scanning distance is appropriate	▷❘
Red and flashing	The device is in an abnormal state	▷❘
Yellow and flashing	The device is in upgrade state	▷❘
Orange red long light	Scanning distance is too close	▷❘
Orange solid	Scanning distance is short	▷❘
Light blue solid	Longer scanning distance	▷❘
Dark blue solid	Scanning distance is too far	▷❘

3. 3D SCANNER PRODUCT PARAMETERS

Creality Raptor Pro			
Working mode	Blue 7 parallel laser lines	Blue 22 crossed laser lines	Infrared binocular structured light
Accuracy	Maximum 0.02mm[1]		Maximum 0.075mm
Volumetric accuracy	0.02mm+0.08mm/m		0.075+0.1mm/m
Scan rate	420,000 points/second	660,000 points/second	3,580,000 points/second
Resolution	0.05mm-2mm		0.1mm-2mm
Scan speed	Up to 60fps		Up to 30fps
Part size (minimum)	5mm x 5mm x 5mm		150mm x 150mm x 150mm
Scanning area	270mmx170mm@300mm	270mm x 170mm@300mm 341mm x 232mm@400mm 397mm x 290mm@500mm	630mm×550mm@1000mm
Working distance	160mm-400mm	200mm-550mm	170mm-1000mm

Color Map	Support		
Tracking mode	Marker/Global Marker		Marker/Geometry/Texture
3D imaging camera resolution	1920x1200		
RGB color supplemental light	12 white LEDs		
Outdoor Scanning	50,000 lux or less	100,000 lux or less	30,000 lux or less
Marker recognition enhancement	12 blue LEDs		
Laser class	Class I (eye safe)	Class II (eye safe)	Class I (eye safe)
Button	Mechanical		
IMU	Support		
Output Formats	OBJ/STL/PLY		
Input Power	12V 2A		

Connection standard	Type C/USB3.0
Dimensions	215mm×50mm×74mm
Weight	403g
Calibration plate	High Precision Glass Calibration Plate
Wireless Scanning	Support (requires accessories)
System Support	Windows/macOS
Operating temperature range	-10°C to 40°C
Operating humidity range	10-90%RH
[1] Accuracy is evaluated in laboratory conditions and actual results may be affected by operating environments such as temperature, vibration, and other factors.	

# 4. PACKING LIST
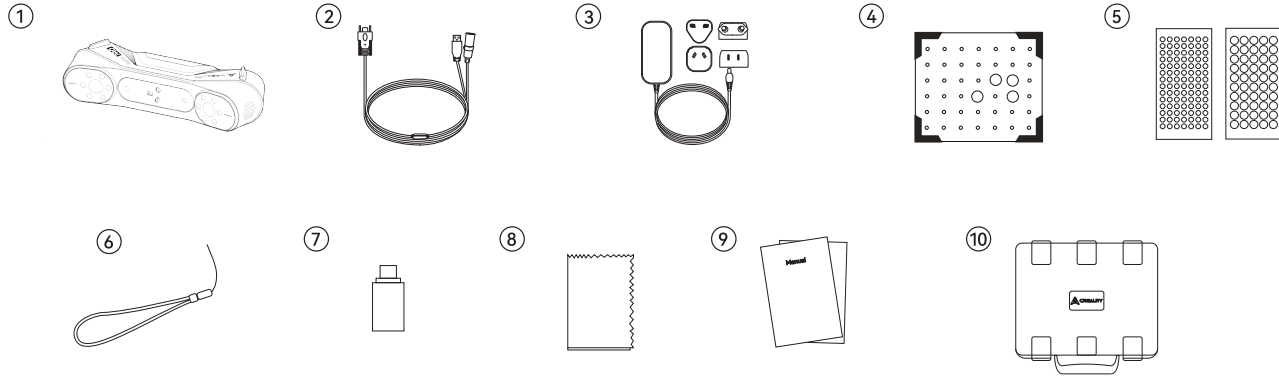
|	
1. Raptor Pro 3D Scanner	6. Lanyard
2. USB 3.0 data cable (Type-C/Type-A)	7. Type-C adapter
3. Adapter + adapter	8. Cleaning cloth
4. High-precision glass calibration plate	9. Instruction manual, Certificate & Warranty Card
5. Reflective markers (D6mm, D3mm)	10. Waterproof box

5. DEVICE CONNECTION

5.1 Adapter installation and connection

The user selects the appropriate adapter head according to the country they are in, then presses the adapter lock and pushes the selected adapter head upwards. The specific operation is as shown in the figure below:
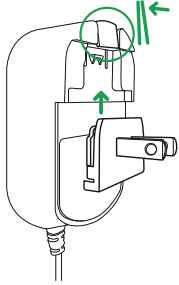
5.2 Device Connection

(1) Insert the Type-C port of the data cable into the scanner and tighten the screws .
(2) Connect the DC power cable female end of the data cable to the DC male end of the adapter .
(3) Plug the Type-A port of the data cable into the USB 3.0 port of the computer .
(4) Plug the adapter into a power socket.
The specific operation is shown in the figure below:

USB 3.0
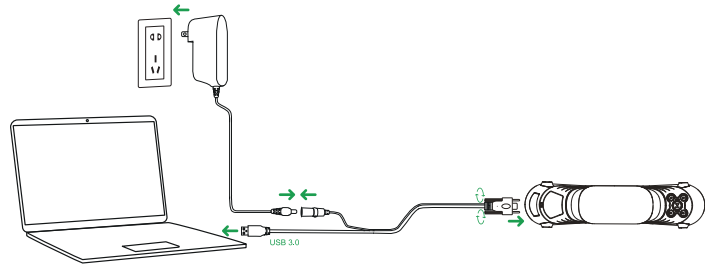
5.3 Usage Notes

When using the device, tie the lanyard around your wrist (as shown below) to prevent the device from falling and causing damage.
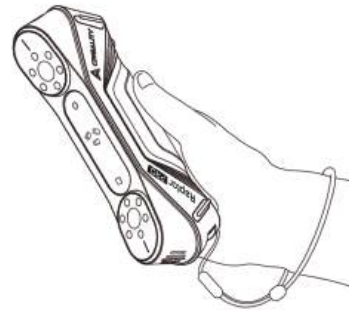
6. CREALITY SCAN SOFTWARE SYSTEM OPERATION

6.1 Creality Scan Software System Requirements

	System requirements	
	It is recommended to use a computer with the following configuration or higher: i7-Gen 10 CPU, Nvidia graphics card (8 GB VRAM), 32 GB RAM Windows 10/11 (64bit) Minimum configuration: i7-Gen 7 CPU, Nvidia graphics card (6 GB VRAM), 16 GB RAM Windows 10/11 (64bit)	
	It is recommended to use M1/M2/M3 series processors and 16GB memory	Software Icon

6.2 Creality Scan software download and installation

Scanner software download address: https://wiki.creality.com/en/software
Go to the official Creality Wiki software download page, click Creality Scan software, find the appropriate software version to download.

Note: After you have completed the software installation on your MAC, please authorize the 3D scanner to read and write files so that you can optimize the point cloud and generate a model when using the software.
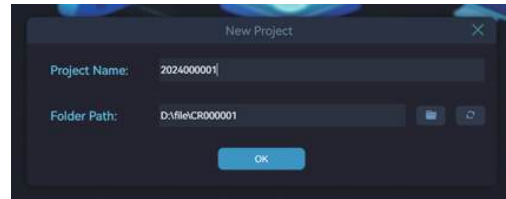
Creality Scan software

Creality Scan

Return

1. Software download & updates

" Software download & updates ☑

7. FIRST SCAN

(1) Connect the device and open the installed Creality Scan software.

(2) Click [New Project] in the Creality Scan software , as shown below:

（3）Enter the project name in the pop-up bar, select the folder path, and then click the [OK] button, as shown below:

(4) Enter "Project name", select "Folder path", and select the scanning mode and related configuration items according to the characteristics of the scan object. Finally, click the [Scan] button to enter the scan preview interface, as shown below:

8. SCANNING STEPS

(1) Scan mode selection

If you need to scan the object with high precision and detail, please select the "Parallel Lines" mode in the " Laser Type ". In this case, you will need the assistance of marker points. When the object is small, you can stick the reflective mark on the table , and there is no need to stick the mark on the surface of the object . If the object is large, you can select the "cross line" mode in the " laser mode " , and you need to stick the markers on the surface of the object for high-speed scanning.
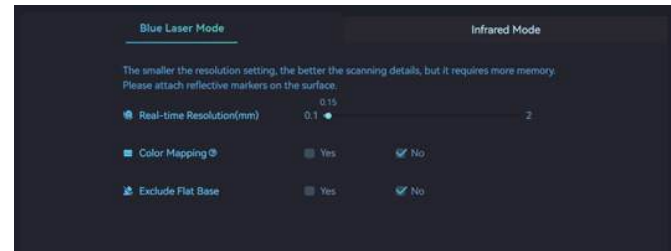
When scanning in laser mode, you need to select an appropriate resolution. The smaller the resolution, the finer the scanned model, but it will consume more memory and may also affect the scanning frame rate. If you want to scan the other side of the object, please use the multi-project merge function of the Creality Scan software to stitch the point clouds of multiple scans into a complete model.
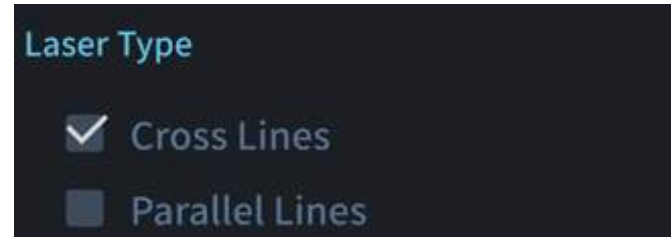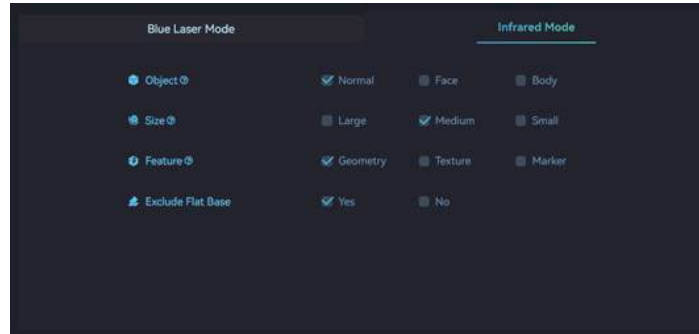

The detail with " No Color" option is better than that with "Color" option in blue laser mode.

Infrared mode can be used to scan targets such as faces and bodies without the need to attach markers. Infrared scanning also supports texture mode and marker mode scanning.

For more information about Raptor Pro,

please visit: https://wiki.creality.com/3d-scanner

blue laser mode is as follows:

The reference configuration for infrared mode is as follows:

Blue Laser Mode			Infrared Mode
● Object ⓘ	☑ Normal	☐ Face	☐ Body
● Size ⓘ	☐ Large	☑ Medium	☐ Small
● Feature ⓘ	☑ Geometry	☐ Texture	☐ Marker
● Exclude Flat Base	☑ Yes	☐ No	

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(2) Adjust the scanner and the scanned test piece to a suitable distance, that is, when the scanner indicator light is green (as shown in the right figure), or the distance indicator bar on the software interface is at the best, it means that it is at the best scanning distance.
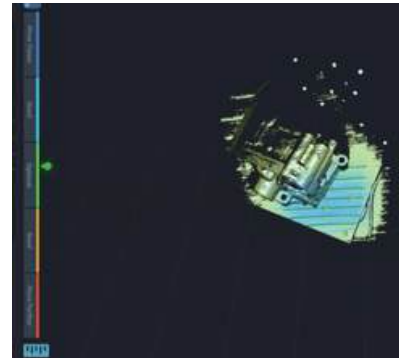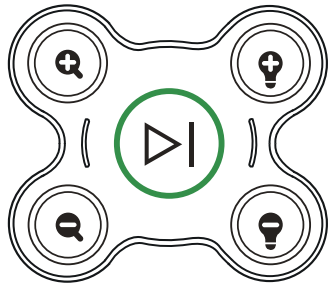
(3) Short press the button on the scanner ⊳⊔ , or click ▶ the button on the software interface , and keep the scanner pointed at the object to start scanning.
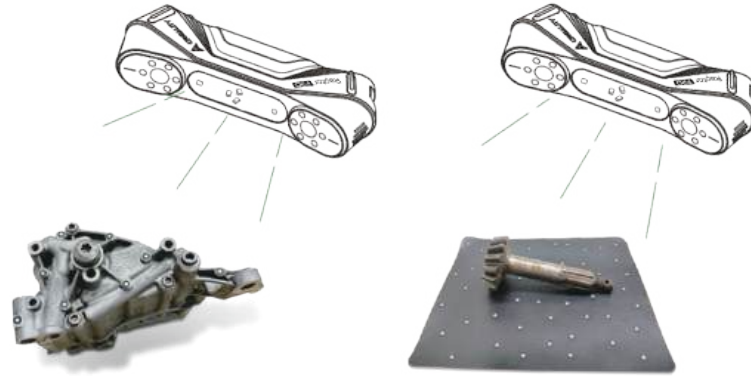
(4) Use the scanner to perform a 360° scan of the object. When the scan is completed, press and hold the scanner for ⊳⊔ more than 3 seconds , or click on the software interface ⊙ to complete the scan. Perform post-processing in the Creality Scan software to obtain a complete 3D model (set the appropriate resolution). The effect is as shown below:

Note: The above button operations can also be performed in the Creality Scan software. For specific software operations, please visit: https://wiki.creality.com/3d-scanner.

9. FAQs

(1) How to get better model details?

① The laser line mode is more precise than the infrared mode;

② During the scanning process, adjust the exposure time of the IR camera to ensure moderate exposure; in the laser line mode , the laser intensity also needs to be adjusted;

③ Try to maintain the best distance;

④ When optimizing the point cloud, you need to set a smaller point distance; when the object size is small, the point distance can be set to 0.1mm (note that the smaller the point distance, the more memory and processing time will be consumed);

For more scanning tips, please visit: https://wiki.creality.com/3d-scanner

(2) How do I scan the bottom of an object?

① Creality Scan software provides the function of multi-project stitching, which can obtain a complete model of the object through multiple scanning and stitching;

② First scan the visible part to get a partial model, then flip the object over and continue scanning through repositioning to get the complete model (this method is only applicable when the marking points are attached to the surface of the object) .

(3) When do you need to use the marker mode?

Parallel line mode and cross line mode require reflective marking points;

Infrared mode: When the geometric features of the object surface are not rich, you can stick reflective markers on the surface of the object and scan it in marker mode.

(4) When can texture mode be used?

When the surface geometric features of an object are not rich but the texture is very rich (such as a vase), you can scan it directly using the texture mode.

(5) When is calibration required?

When the device is not used for a long time (such as a week), or before high-precision scanning is required, calibration should be completed .

(6) Can I use the calibration plate from other scanner models?

The calibration plate of other scanner models cannot be used. Each time you calibrate, you need to scan the QR code on the back of the calibration plate first, otherwise the calibration accuracy will be affected. Please keep the calibration plate properly.

(7) What precautions should be taken when storing calibration plates?

After each use, please carefully put the calibration plate back into the bag and keep it properly. Do not contaminate, scratch, or squeeze the calibration plate with heavy objects to avoid loss or damage of the calibration plate.

(8) How to perform calibration?

in the Creality Scan software and perform calibration according to the animation prompts.

(9) How to choose between global markers and local detail scanning?

For large objects, we recommend scanning the global markers first, followed by scanning the point cloud. Following this approach will result in higher scanning accuracy. For certain areas where we need better detail, we can utilize the Local Detail Scanning feature to scan those specific regions with a smaller resolution (for example, 0.2mm), capturing rich geometric details.

10. TROUBLESHOOTING

● **What to do if the system cannot recognize the scanner :**

Confirm that the device cables are properly connected;

If the device is connected correctly, try to reconnect the power cord to see if the scanner can be reconnected;

If it is still not connected, please connect the USB cable of the device first, then plug in the power cord.

● **The Win computer cannot connect to the scanner;**

If you are using a desktop computer, it is recommended to connect to the USB 3.0 port on the back of the host;

Confirm that you are using Windows 10/11 64bit system;

of the scanner software Creality Scan must be in an all-English path.

● **What to do if you can't see the preview video stream in the application on Windows system?**

Check whether the computer configuration meets the minimum configuration requirements of the scanner;

Check that the device is powered using the adapter that comes with the package and make sure it is connected properly;

Open Windows Device Manager and check in "Cameras" whether there is a camera related to " Raptor Pro ..." ;

Open Windows Settings - Privacy - Camera, confirm whether the system camera permission is turned on, and confirm whether the desktop application has permission to access the camera.

● **What should I do if I can't see the preview video on the Mac application?**

Check whether the computer configuration meets the minimum configuration requirements of the scanner;

Check that the device is powered using the adapter that comes with the package and make sure it is connected properly;

The scanner is updated to the latest firmware version;

Use a separate USB Type A to Thunderbolt or USB3 adapter. Try not to use a multi-function, multi-device USB C adapter.

Install Creality Scan directly in the App directory. Do not install it in a subdirectory under the App directory.

● **In Windows system, what should I do if the USB3.0 interface is recognized as USB2.0?**

You can try to quickly reinsert the USB cable, or first connect the USB cable to the USB 3.0 port on the PC, and then connect it to the USB type-C port on the scanner.

For more questions, please refer to the creality wiki : https://wiki.creality.com/en/3d-scanner

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Company address: 18F, Jinxiu Hongdu Building, Meilong Avenue, Xinniu Community, Minzhi Street, Longhua District, Shenzhen

Facebook Community
Discussion , sharing ,
and troubleshooting

Creality Wiki
The step-by-step guide to
help you get started

CLASS 2 LASER PRODUCT

CAN ICES (B) / NMB (B)

CE | FC | **RoSH** REACH

FCC statements:

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

IC statements:

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions:

(1)   this device may not cause interference, and

(2)   this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard(s).

Son fonctionnement est soumis aux deux conditions suivantes:

(1) cet appareil ne peut pas provoquer d'interférences, et

(2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

CE: This product can be used across EU member states.
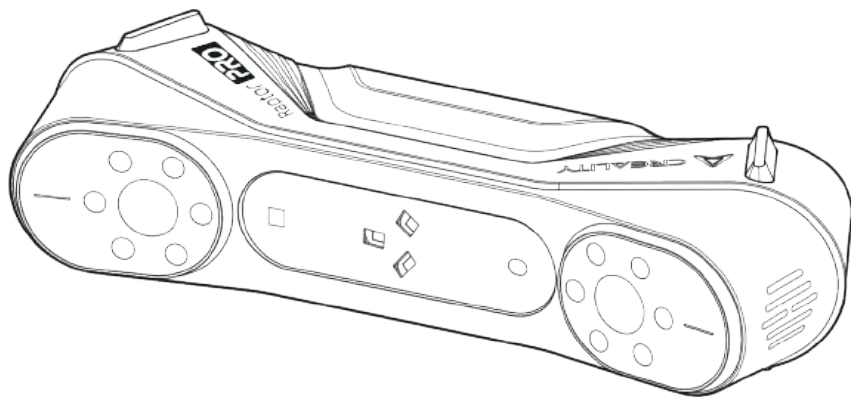
Creality Raptor Pro 3D扫描仪
快速指南

1. 产品简介

Raptor Pro是一款高精度计量级3D扫描仪，精度可达0.02mm，配备蓝光、白光和红外光源。支持交叉激光线大幅面高速扫描（22线）、平行激光线精细扫描（7线）和红外扫描，适应多种复杂环境。广泛应用于汽车零部件检测、逆向工程及产品设计，尤其适合中大型复杂部件的精确扫描，实现全尺寸检测、逆向设计、3D打印及增材制造等应用。同时，它也适用于人体、人脸及文物的高精度扫描，满足多样化行业需求。

2. 产品信息

2.1设备简介

3D扫描相机

彩色相机

DOE投射器
平行激光
交叉激光
彩色补光灯

Type-C数据接口

视图缩小
视图放大

亮度/曝光+
开始/暂停扫描
亮度/曝光
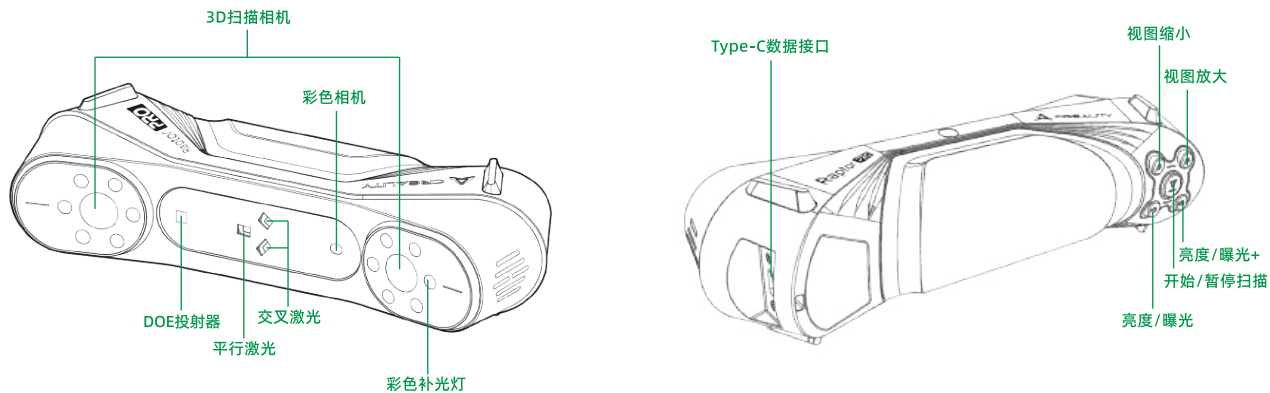
2.2 三维扫描仪按键说明

按键	扫描仪反馈	指示灯反馈
▶│	短按一次，开始扫描；再短按一次，暂停扫描；长按≥3S，结束扫描。双击切换7线激光或22线交叉激光。	中间指示灯闪烁一次
💡	短按一次，激光线模式下调节激光亮度增强一级，红外模式下调节IR相机曝光增强一级；	╱
💡	短按一次，激光线模式下调节激光亮度减弱一级，红外模式下调节IR相机曝光减弱一级；	╱
🔍	短按一次，视图放大一级	╱
🔍	短按一次，视图缩小一级	╱

2.3 指示灯带说明

指示灯带颜色	状态或含义	参考颜色
绿色长亮	设备正常运行或扫描距离适中	▷│
红色并闪烁	设备处于异常状态	▷│
黄色并闪烁	设备处于升级状态	▷│
橙红色长亮	扫描距离过近	▷│
橙色长亮	扫描距离较近	▷│
浅蓝色长亮	扫描距离较远	▷│
深蓝色长亮	扫描距离过远	▷│

*当在扫描中，距离指示灯开始闪烁时，意味着扫描跟踪丢失，需要扫描仪重新回到已经扫描过的区域重新跟踪。

*当设备待机时，指示灯会进入呼吸状态，以节省电量。

3. 三维扫描仪产品参数

Creality Raptor Pro		
工作模式	蓝色7线激光	蓝色22线激光	红外双目结构光
精度	最高 0.02mm[1]		最高0.075mm
体积精度	0.02mm+0.08mm/m		0.075+0.1mm/m
扫描速率	420,000 点/秒	660,000 点/秒	3,580,000 点/秒
点距	0.05mm-2mm		0.1mm-2mm
扫描速度	最高60fps		最高30fps
最小扫描体积	5mm x 5mm x 5mm		150mm x 150mm x 150mm
幅面	270mmx170mm@300mm	270mm x 170mm@300mm 341mm x 232mm@400mm 397mm x 290mm@500mm	630mm×550mm@1000mm
工作距离	160mm-400mm	200mm-550mm	170mm-1000mm

色彩贴图	支持		
跟踪模式	标志点/全局标志点		标志点/几何/纹理
3D成像相机分辨率	1920x1200		
RGB色彩补光灯	12颗白色LED		
户外扫描	50,000 lux以下	100,000 lux以下	30,000 lux以下
标志点补光灯	12颗蓝光LED		
激光安全	Class I (eye safe)	Class II (eye safe)	Class I (eye safe)
按键	机械式		
IMU	支持		
输出格式	OBJ/STL/PLY		
输入电源	12V 2A		

数据接口	Type C/USB3.0
产品尺寸	215mm×50mm×74mm
产品重量	403g
标定板	高精度玻璃标定板
无线扫描	支持（需搭配配件）
系统支持	Windows/macOS
工作温度	-10℃ to 40℃
工作湿度	10-90%RH
[1]在实验室条件下评估准确性，实际结果可能会受到振动、温度和其他因素等操作环境的影响。	

4. 装箱清单
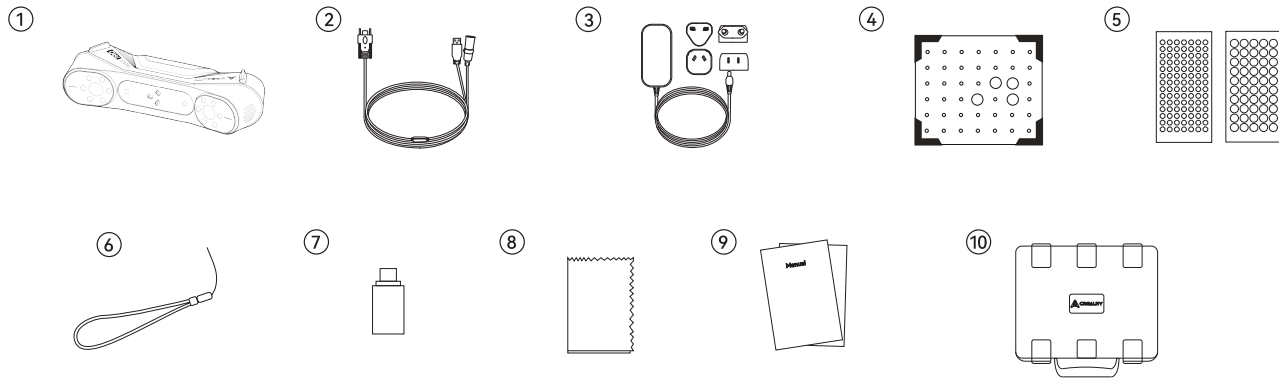
1.Raptor Pro 3D扫描仪	6.挂绳
2.USB3.0数据线（Type-C/Type-A）	7.Type-C转接头
3.适配器+转接头	8.清洁布
4.高精度玻璃标定板	9.说明书，合格证&保修卡
5.反光标志点（D6mm，D3mm）	10.防水箱

5. 设备连接

5.1 适配器安装连接

用户根据自己所在国家，选择合适的适配器转换头，然后按下适配器锁扣，并把选定的转换头往上推，具体操作如下图：
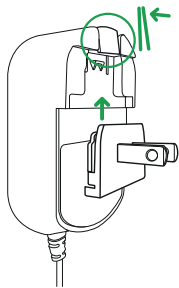
5.2 设备连接

（1）将数据线的Type-C接口插入设备中，并且锁紧螺钉。

（2）数据线的DC电源线母头和适配器的DC公头连接。

（3）数据线的Type-A接口插入电脑的USB3.0接口。

（4）适配器插入电源排插。

　　具体操作如下图示：
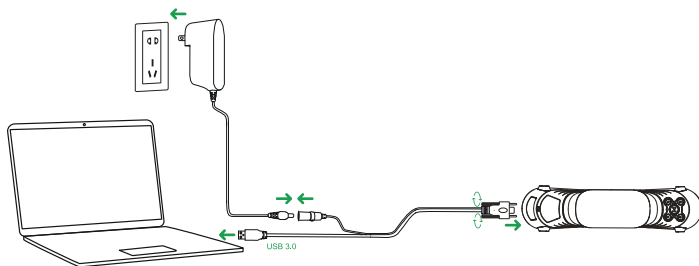
5.3 使用注意

使用设备时，挂绳系在手腕上（如下图），防止设备跌落，对设备造成损伤。
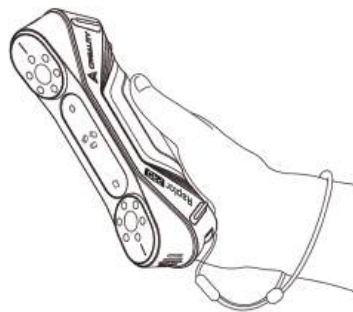
6. CREALITY SCAN软件系统操作

6.1 Creality Scan软件系统要求

系统要求		
	推荐使用以下配置或更高的配置的电脑： i7-Gen10 CPU，Nvidia显卡（8GB显存），32GB内存 Windows 10/11 (64bit) 最低配置： i7-Gen7 CPU，Nvidia显卡（6GB显存），16GB内存 Windows 10/11 (64bit)	
	推荐使用M1/M2/M3系列处理器，内存16GB	Software Icon

6.2 Creality Scan软件下载及安装

扫描仪软件下载地址：https://wiki.creality.com/zh/software

进入官方Creality Wiki软件下载网页，点击Creality Scan software，找到合适的软件版本进行下载。

注意：您在MAC上完成软件安装后，请授权三维扫描仪读写文件的权限，以便在使用该软件时优化点云并生成模型。

7. 首次扫描

（1）连接好设备，打开安装好的Creality Scan软件。
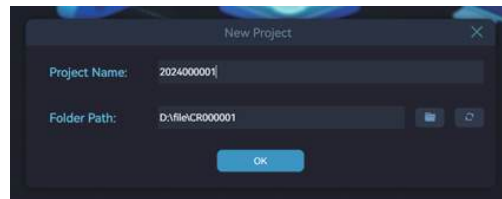
（2）在Creality Scan软件中点击【新建项目】，如下图：

（3）在弹出栏输入工程名称，并选择文件夹路径，然后点击【是】按钮，如下图：

（4）输入"工程名称"，选择"文件夹路径"，并根据扫描对象的特征选择扫描模式以及相关配置项。最后点击【扫描】按钮，进入扫描预览界面，如下图：
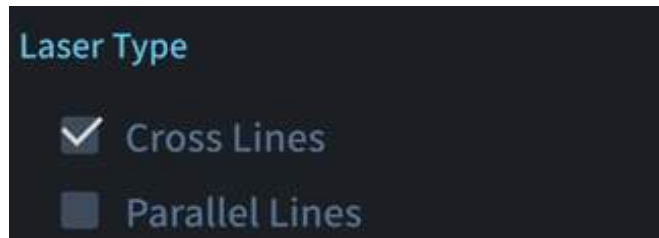
8. 扫描步骤

（1）扫描模式选择

如果需要对物体进行高精细节扫描，请选择"激光类型"中的"平行线"模式，此时需要标志点辅助。

物体较小时，可以将反光标志点贴在桌面上，物体表面不需要贴标志点。如果物体较大时，可以选择"激光模式"中的"交叉线"模式，需要把标志点贴在物体表面，可以进行高速扫描。

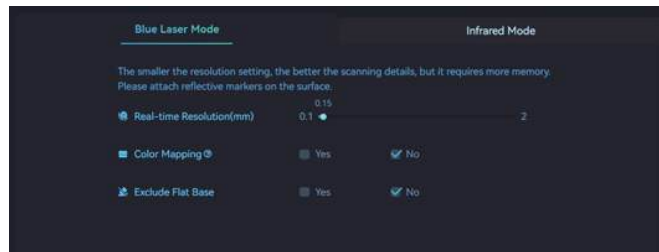使用激光模式扫描时，需要选择合适的点距。点距越小，扫描的模型越精细，但会消耗更多的内存，也可能会影响扫描帧率。如要扫描物体的另一面，请用Creality Scan软件的多工程拼接功能，将多次扫描的点云拼接成一个完整的模型。

Laser Type

☑ Cross Lines

☐ Parallel Lines

蓝色激光模式下选择"No Color"，精细度会比选择"Color"更高。

红外模式可以用于扫描人脸、人体等目标，无需贴标志点。红外扫描也支持纹理模式和标志点模式扫描。

如需了解更多关于Raptor Pro的信息，

请访问：https://wiki.creality.com/3d-scanner

蓝色激光模式参考配置如下：

Blue Laser Mode | Infrared Mode

The smaller the resolution setting, the better the scanning details, but it requires more memory. Please attach reflective markers on the surface.

Real-time Resolution(mm)   0.1 ●――――――― 2   0.15

Color Mapping ⓘ   ☐ Yes   ☑ No
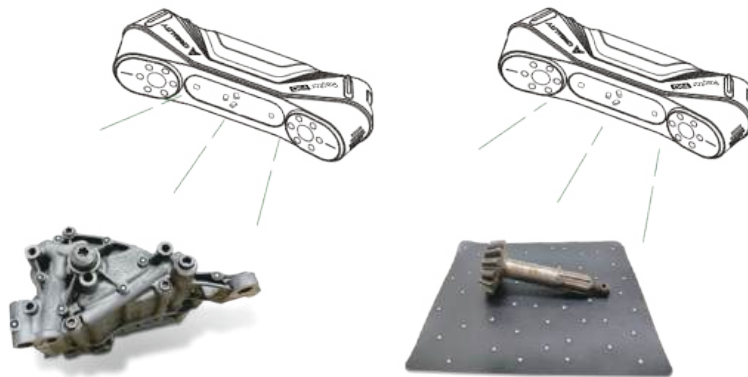
Exclude Flat Base   ☐ Yes   ☑ No

红外模式参考配置如下：
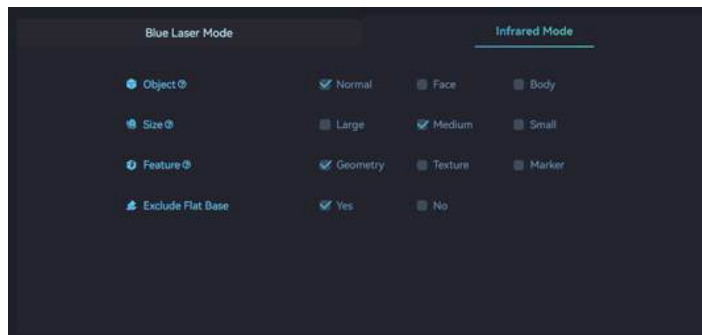
（2）调整扫描仪和扫描测试件到合适距离，即扫描仪指示灯为绿色（如下图），或软件界面距离指示条处于最佳时，表示此时处于最佳扫描距离。
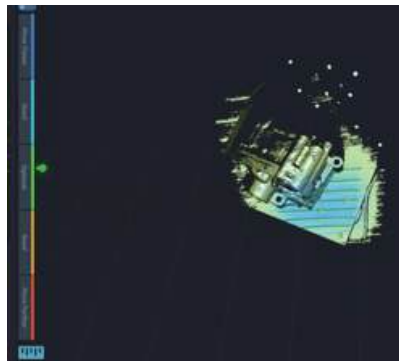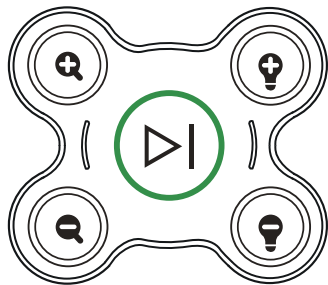
（3）在扫描仪上短按 ⊳ 按键，或在软件界面点击 ▶ 按钮，并保持扫描仪对准被扫描物，开始进行扫描。

（4）用扫描仪对被扫描物进行360°扫描，当扫描完成时，在扫描仪上长按 ⊳ 超过3秒，或在软件界面点击 ⏺ ，即可完成扫描，在Creality Scan软件进行后处理即可得到完整的3D模型（设置合适的点距），效果如下图：

注：以上按键操作也可在Creality Scan软件操作，软件具体操作可访问：https://wiki.creality.com/3d-scanner

9. 常见问题

（1）如何得到更好的模型细节？

① 激光线模式比红外模式精细度更高；

② 扫描过程中，调节合适的IR相机曝光时间，使曝光适中；激光线模式下，还需要调节合适的激光强度；

③ 尽量保持最佳距离；

④ 在点云优化时，需要设置较小的点距；当物体尺寸较小时，点距可以设到0.1mm（注意，点距越小，会消耗更多的内存和处理时间）；

了解更多的扫描技巧，请访问：https://wiki.creality.com/3d-scanner

（2）如何扫描物体的底部？

① Creality Scan软件提供了多工程拼接的功能，可以通过多次扫描、拼接的方式，得到物体的完整模型；

② 先扫描可见部分得到部分模型，然后翻转物体，通过重定位继续扫描，得到完整的模型（该方式只适用于标记点贴在物体表面的情况）。

（3）什么情况需要用标记点模式？

平行线模式和交叉线模式需要反光标记点；

红外模式：当物体表面几何特征不丰富时，可以在物体表面粘贴反光标记点，用标记点模式进行扫描。

（4）什么情况可以用纹理模式？

当物体表面几何特征不丰富、但纹理很丰富时（如花瓶），可以直接用纹理模式进行扫描。

（5）什么情况下需要标定？

当设备长时间不用（比如一周），或需进行高精度扫描前完成标定。

（6）可以用其他型号扫描仪的标定板吗？

不能用其他型号扫描仪的标定板。每次标定时，需要先扫描一次标定板背面的二维码，否则会影响标定精度。请妥善保管好标定板。

（7）标定板储存有什么注意事项？

每次使用完标定板后，请小心放回箱包内妥善保管好，切勿污染，划伤，重物挤压标定板，避免标定板遗失或损坏。

（8）如何进行标定？

在Creality Scan软件进入【快速标定】界面，按照动画提示进行标定即可。

（9）如何选择全局标记点与局部细节扫描？

对于大型物体，我们建议先扫描全局标记，然后再扫描点云。采用这种方法将提高扫描精度。对于需要更好细节的特定区域，我们可以利用局部细节扫描功能，以较小的分辨率（例如 0.2mm）扫描这些特定区域，从而捕捉丰富的几何细节。

10. 故障排除

● 系统无法识别到扫描仪怎么办：

确认设备线缆均已正确连接；

若设备正确连接，请尝试重新插拔电源，确认是否扫描仪可以重新连接；

若仍未连接，请先连接设备的USB线缆，其次再插上电源线。

● Win系统电脑连接不到扫描仪；

如果使用台式机，建议连接到主机背面的USB 3.0接口上；

确认使用windows 10/11 64bit的系统；

扫描仪软件Creality Scan安装路径必须为全英文的路径下。

● 在win系统上的应用中看不到预览视频流怎么办；

检查电脑配置是否满足扫描仪最低配置要求；

检查是否使用随包赠送的适配器给设备供电，并确保其连接正常；

打开windows 设备管理器，在"Cameras"中查看是否有"Raptor Pro…"相关相机；

打开windows设置 - 隐私 - 相机，确认系统相机权限是否已打开，确认桌面应用是否有权限可以访问相机。

● 在Mac系统的应用上看不到预览视频怎么办？

检查电脑配置是否满足扫描仪最低配置要求；

检查是否使用随包赠送的适配器给设备供电，并确保其连接正常；

扫描仪更新到最新固件版本；

使用独立的USB Type A转雷雳或USB3的转接头，请尽量不要使用多功能多设备的USB C转接器；

把Creality Scan直接安装在App目录下，请不要安装在App目录下的子目录内。

● 在win系统中，使用 USB3.0 接口被识别为USB2.0该怎么处理？

可尝试重新快速地插入USB线，或者先把USB线接入PC端的USB3.0接口，然后再接入扫描仪的 USB type-C接口。

其他更多问题请参考creality wiki: https://wiki.creality.com/zh/3d-scanner

Facebook Community
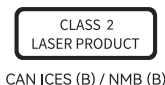Discussion , sharing ,
and troubleshooting

Creality Wiki
The step-by-step guide to
help you get started

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