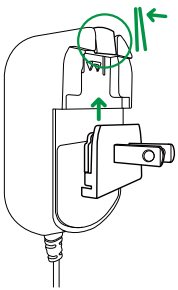
05. Device Connection

1. Adapter installation and connection

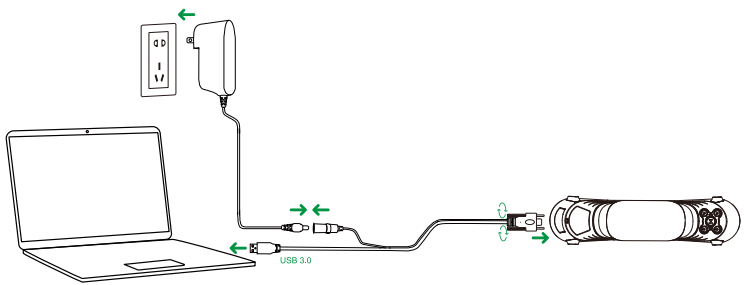
Users can select the appropriate converter according to their location standards, then press the converter lock and push the selected converter upward until a click is heard. The specific operation is as shown below:



2. Device connection

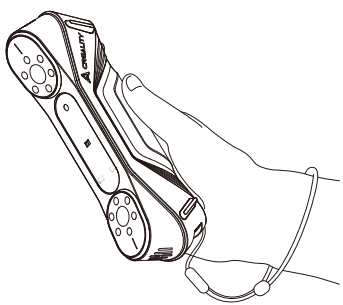
1. Insert the USB-C interface of the data cable into the device and tighten the thumb screws;
2. Connect the DC power cord female end of the data cable to the DC male end of the adapter;
3. Plug the adapter into the power outlet;
4. Plug the USB-A interface of the data cable into the USB3.0 interface of the computer;

The specific operations are as shown below:



3. Note on use

When using the device, wear the lanyard around your wrist (as shown on the right) to prevent the device from falling and causing damage as shown right.



06. Creality Scan Software System Operation

6.1 Requirements of Creality Scan Software System

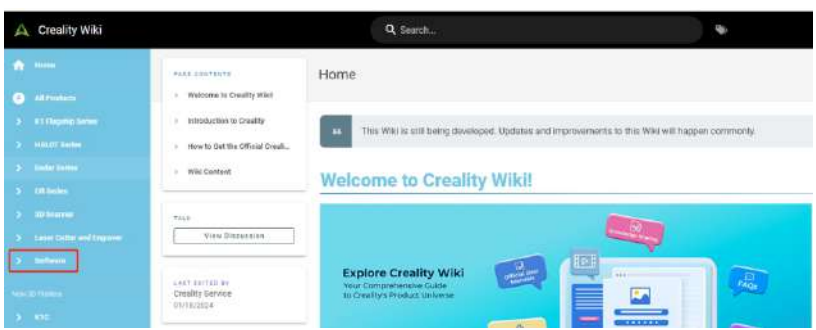
System requirements: Windows 10/11 (64 bit)
Configuration requirements
Recommended configuration: i7-Gen7 CPU, Nvidia graphics card (6GB VRAM), 16GB memory or higher

Recommended configuration
macOS: 11.7.7 and above
(Big Sur/Monterey/Ventura)
CPU: Apple M1/M2/M3 series processors;
RAM: 16GB or higher

6.2 Creality Scan software download and installation

Download link for Creality 3D Scanner Software: wiki.creality.com
Go to wiki.creality.com , click on [Software] –> [Creality Scan] to download the Creality scanning software and install it. Please ensure that the software version is 3.1.6 or higher to ensure the normal operation of the scanner.

Note: After installing the Creality Scan software on MAC, please authorize the software to read and write files to optimize point clouds and generate models when using the software.



07. First Scan

1. Connect the device and launch Creality Scan software.

2. Click [New Scan] in the Creality Scan, as shown on the right:

3. Enter the project name in the pop-up bar, select the folder path, and then click the [OK] button, as shown on the right

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

⚠ Caution

(1) If you need to scan objects with high precision, please select blue light mode (multi-line laser). In this case, marker point assistance is needed.
When the object is small, reflective marker points can be attached to the desktop or scanning pad, and there is no need to attach marker points to the surface of the object. If you want to scan the other side of the object, please use the multi-project stitching function of Creality Scan software to stitch the point clouds of multiple scans into a complete model.
When the object is large, the marker points need to be attached to the surface of the object.
(2) Select "No" in blue light mode, the fineness will be higher than "Yes".
(3) The smaller the point distance, the more refined the scanned model will be, but it will consume more memory and may also affect the scanning frame rate.
(4) Infrared mode can be used to scan faces, human bodies and other objects without marker points. Infrared scanning also supports texture mode and marker point mode scanning.
To learn more about the CR-Scan Raptor, please visit: https://wiki.creality.com/3d-scanner

The reference configuration of blue light mode is as follows:

The reference configuration of infrared mode is as follows: