

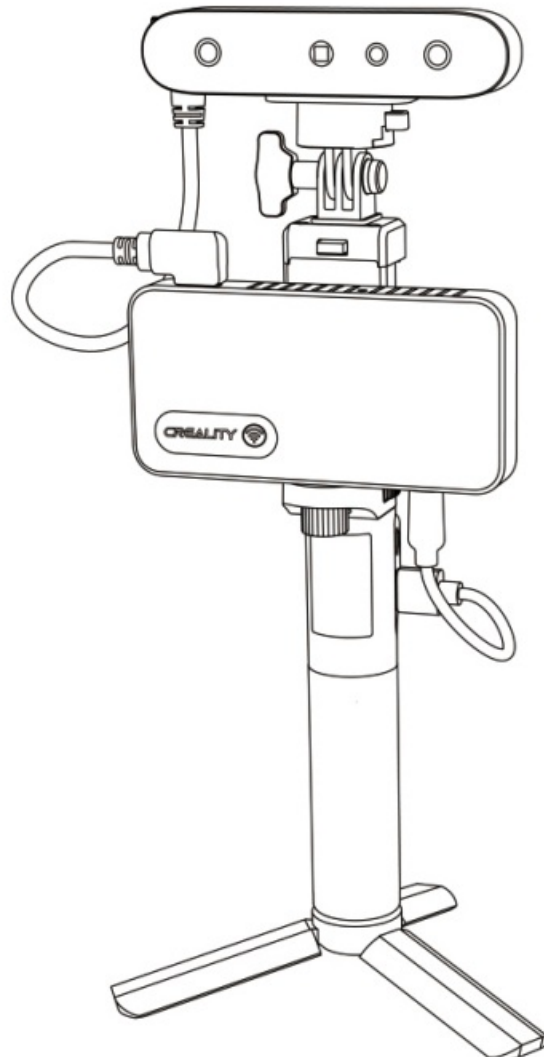


CREALITY CR Scan Ferret Pro 3D Scanner User Guide

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CREALITY

CR-Scan Ferret Pro 3D Scanner
Quick Start Guide



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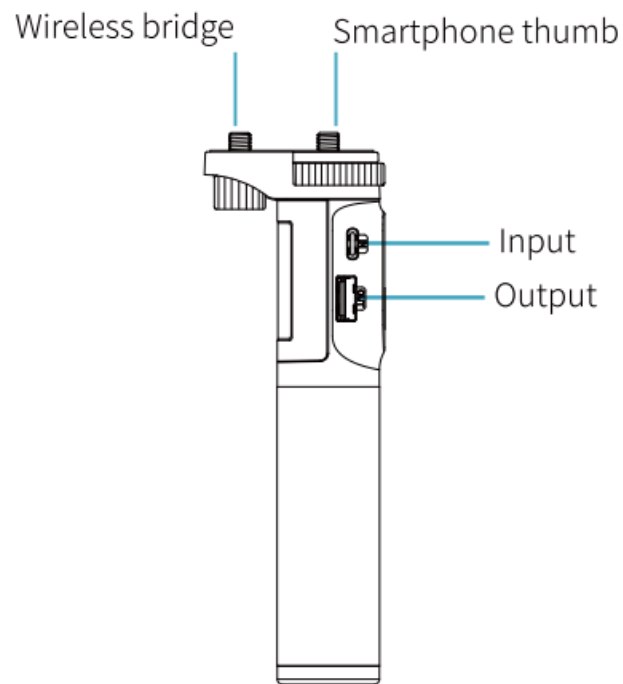
Product Introduction

CR-Scan Ferret Pro is a compact consumer-grade 3D scanner that is small in size, light in weight, and has a maximum accuracy of 0.1mm. It supports Windows, Mac, iPhone iOS, and Android, and is equipped with a wireless bridge to support Wi-Fi 6 real-time wireless imaging. The scanner is equipped with a self-developed dedicated depth calculation chip, which completes depth calculations directly on the scanner side. It greatly reduces computing power requirements for computers and mobile phones and ensures the smoothness of the scanning process.

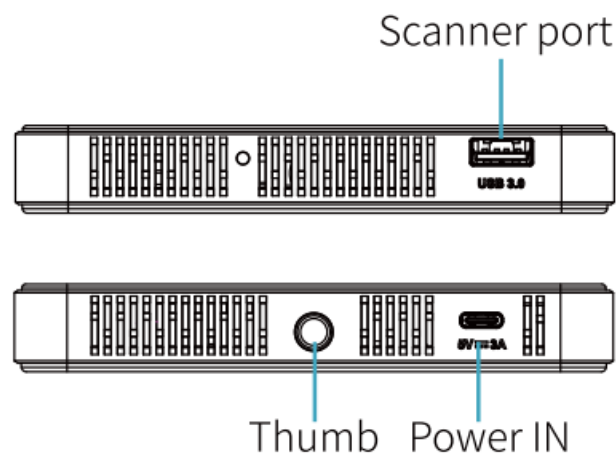
- Wide compatibility: It has wider compatibility, supports iPhone 11 or later series and smartphones running Android 10 or later. Furthermore, it supports connecting to computer for scanning, which allow users to perform the scan with much stronger processing power of a computer when it needs to output high-quality models.
- Efficient: This wireless bridge supports Wi-Fi 6 high-speed data transmission.
- Wire free: No more bulky wires, wireless scanning can dramatically expand the distance limitation when scanning large objects and outdoor scanning.

Description of Interfaces

Charging handle interface



Wireless bridge interface



Wireless bridge LED indicator status description.

Off: Power off

Green: Power on

Blue: Wi-Fi ready

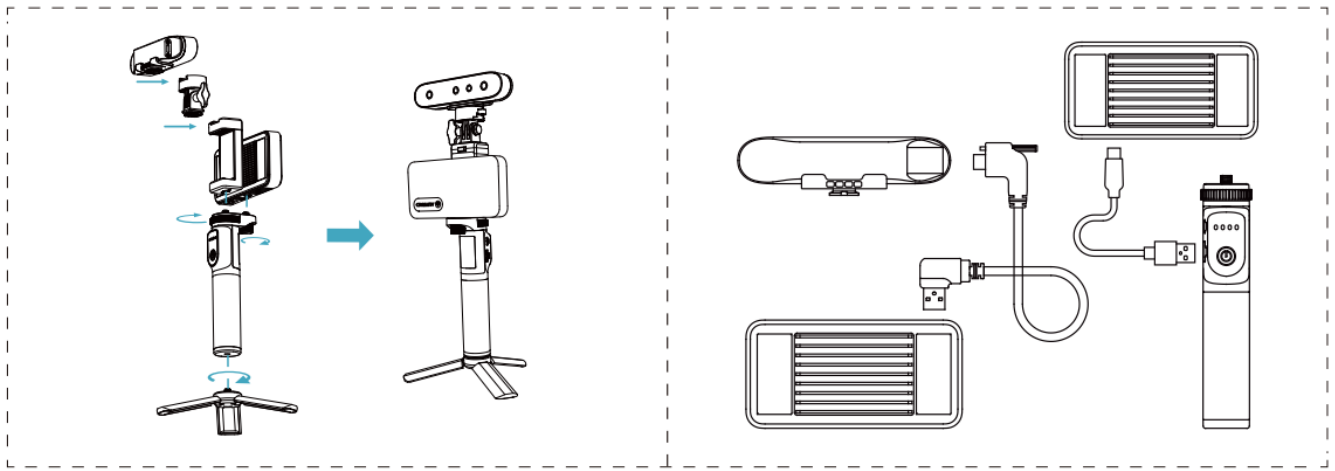
Yellow: Equipment is being upgraded

Red: Initializing/exception

Equipment Installation

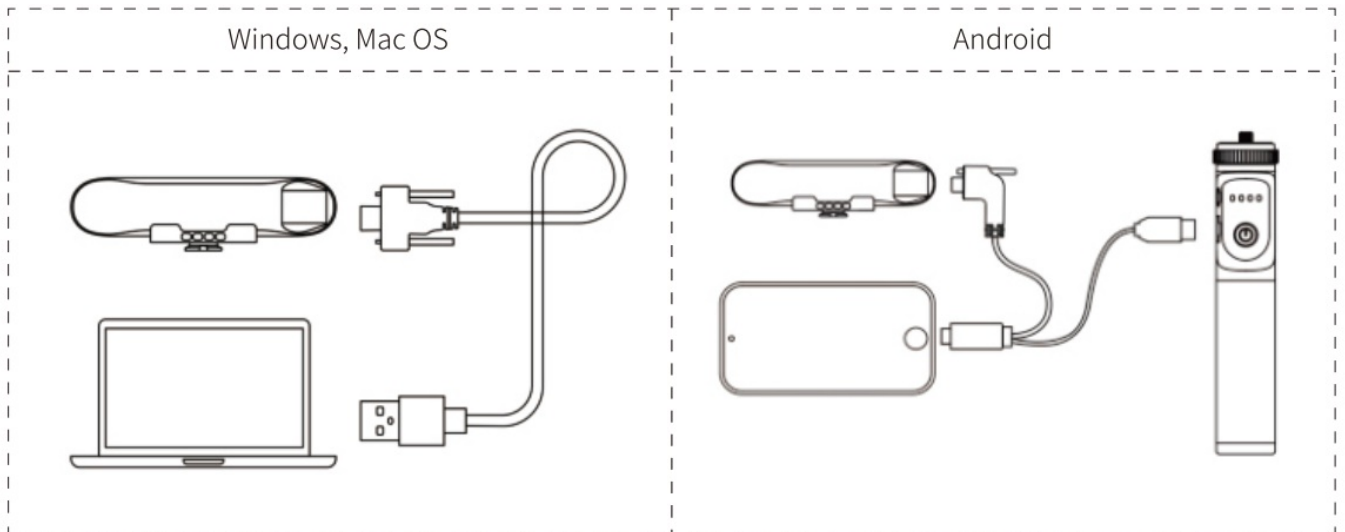
3.1 Wireless Connection

(iPhone iOS, Windows, Mac OS, Android)



3.2 Wired Connection

WIRED connection recommended for Android 11 and above. For iPhone iOS and Android 10, please use WIRELESS connection.

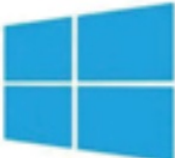




Equipment Connection

1. After the battery handle, scanner and wireless bridge are connected, turn on the handle and wait for the LED indicator on the wireless bridge to turn blue.
Instructions for the power button on the rechargeable battery handle: Press once to turn on, press twice quickly to turn off.
2. Connect your computer/smartphone to the Wi-Fi called "Ferret-XXXXXX". Or scan the QR code on the back of the wireless bridge.
After Wi-Fi connection, some smartphones or computers may prompt "The current WLAN cannot connect to the Internet". Do not switch to other Wi-Fi networks until you finish with your scans.
3. Launch the software and wait for the scanner device to connect.
Allow all relevant permissions requested by the software.

Operating System for Crealty Scan

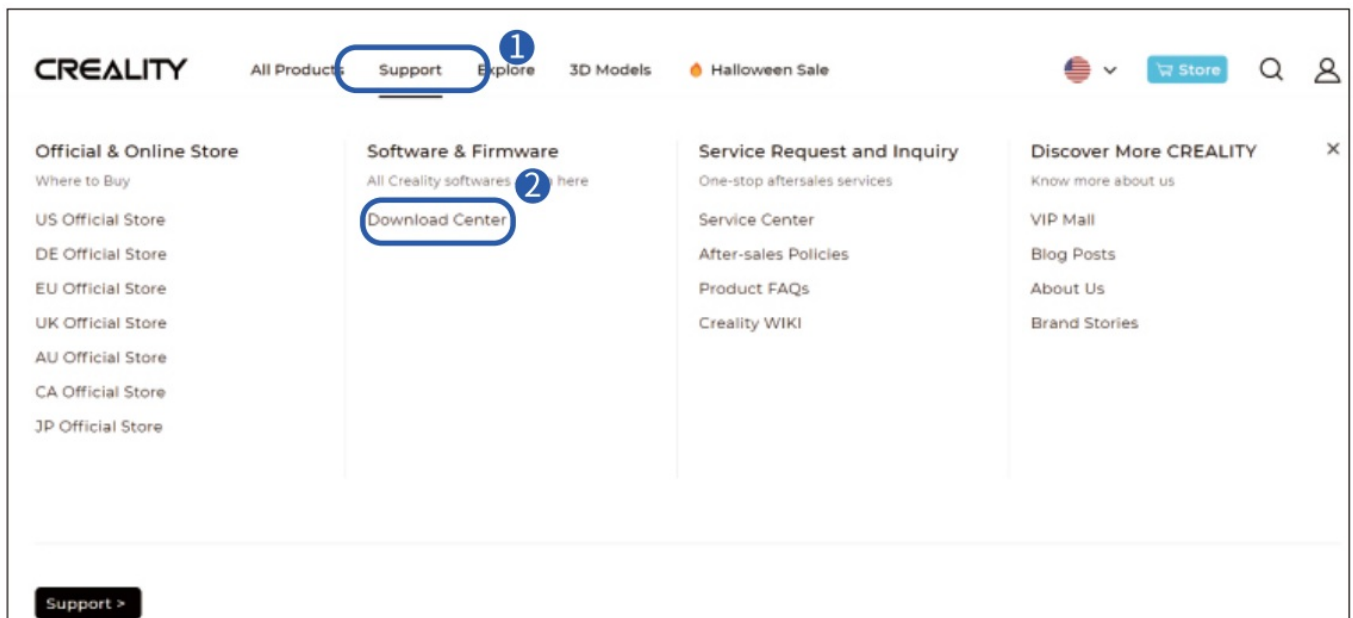
5.1 Windows/macOS



	PC: i5-Gen8 CPU or later OS: Windows 10/11 (64-bit) Memory: 8G Connectivity: WiFi6 Software: 2.3.0	
	Mac: Apple M1 series/M2 series processors macOS: 11.7.7 or later (Big Sur/Monterey/Ventura) Memory: 8G Mac: Intel processor (i5-Gen8 CPU or later) macOS: 10.15.7 or later (Catalina/Big Sur/Monterey/Ventura) Memory: 8G Connectivity: WiFi6 Software: V2.3.0	

Download and install Creality Scan software

Software download for Creality 3D scanner: <https://www.creality.com/pages/download-cr-scan-ferret>

Browse to Creality official website <https://www.creality.com>, click [Support] e[Download Center] e [Ecosystem] e CR-Scan Ferret series to download Creality scan app and install it.



	Android: Android 10.0 or later RAM: 8G Connectivity: WiFi 6 APP: V2.0.2
	iPhone; iPhone 11 or later iOS: iOS 15 or later RAM: 4G

Download and install Creality Scan

1. Enter the App Store (iPhone) or Play Store (Android phone)

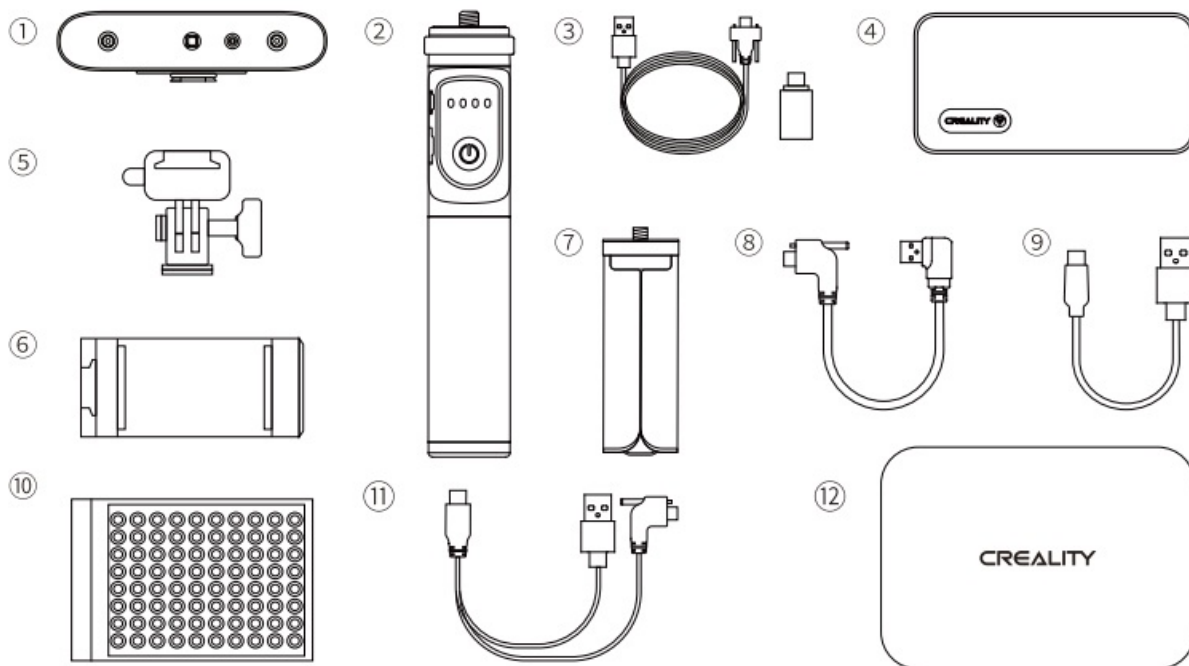
2. Search for “Creality Scan”
3. Download and install the Creality Scan.
4. Allow all relevant permissions requested by the software and connect the scanner for scanning.
5. On Android phones, you can also download the Creality Scan by visiting
<https://www.creality.com/pages/download-cr-scan-ferret>

Creality	Google Play	App Store
		
https://www.creality.com/pages/download-cr-scanferret	https://play.google.com/store/apps/details?id=com.creality.crealityscan	https://apps.apple.com/us/app/crealityscan/id10d6463372516

List of Recommended Smartphones

Apple	iPhone 15 series	iPhone 14 series	iPhone 13 series	iPhone 12 series	iPhone 11 series	
Samsung	S23 series	S22 series	S21 series	Note20 series	Note10 series	
Google	Pixel8 series	Pixel7 series	Pixel6 series	Pixel5		
Xiaomi	14 series	13/13T series	12/12T series			
Motorola	Razr 2	Edge30 fusion	Edge+	Edge 40		
OPPO	Find N3	Find X6 Pro	Find X5 Pro	Reno 10		
Vivo	X90 Pro+	X90 Pro				
Honor	Magic 5 /5 Pro	Magic Vs2	Magic Vs	Magic 4/4 Pro		
OnePlus	11	11 R	10 Pro	9 R	9	Ace 2
Nubia	RedMagic 8 pro	RedMagic 8 pro +				

Packing List



1. CR-Scan Ferret SE scanner	7. Tripod
2. Rechargeable battery handle	8. Wireless bridge data cable
3. USB cable for PC & Type-C adapter	9. Wireless bridge power cable
4. Wireless bridge	10. Markers
5. Pitch angle adjuster	11. Android phone Y-shaped cable
6. Smartphone Holder	12. Carrying bag

FAQ

1. Can the wireless bridge be connected to multiple mobile phones and computers?

The wireless bridge cannot connect multiple mobile phones or computers. If you need to change devices for scanning, please disconnect other occupied devices first.

2. What should I pay attention to when upgrading the wireless bridge firmware?

When upgrading the wireless bridge firmware, be sure that the charging handle powering it has more than 50% power (at least 2 lights on), or the device may brick.

If the device remains disconnected for more than a certain period of time (some phones are set to 10 minutes), the Android system will automatically close the OTG connection, and the device status will stay offline. At this point, you need to locate the OTG switch in the Android system settings, confirm that the OTG function is enabled, and then connect to the device.

4. What kind of objects should novice users start with?

Objects with rich geometric features and medium size (above 20cm), such as the horse sculptures in the unboxing video, teddy bears, etc.

5. Why is tracking lost when scanning objects?

It is easy to lose if the object being scanned is moving too fast. When the tracking is lost, move the scanner to the scanned place and wait for about few seconds to retrieve the tracked image. If you use an electric turntable, it is recommended to start the electric turntable when the tracking is stable (the object turns green) after starting scanning.

6. What is the recommended size for objects to scan?

It is recommended to scan objects about 15cm³ -200cm³.

7. What should I do when some locations are difficult to scan and result in holes in the generated model?

Troubleshooting

1. Why can't I connect to the Internet after my mobile phone or computer is connected to the wireless bridge?

Because Wireless Bridge does not have internet connection, it will be disconnected from the internet when using Wireless Bridge. Some smartphones can use Wi-Fi and data networks at the same time and continue to connect to the Internet. The computer needs to be connected with a network cable in order to access the Internet and support wireless scanning at the same time.

2. What are the problems when using the wireless bridge when the battery is low?

Data transmission may be unstable. It is recommended to charge the battery handle as soon as possible to avoid abnormal scanning when the battery power is only 1 bar.

3. Can the battery handle be used while charging?

It cannot be used while charging. When scanning, make sure that at least 50% charge (2 lights) on the battery handle.

4. Is the Windows computer unable to connect to the scanner via the USB cable?

If using a desktop, it is recommended to connect to the USB port at the back of the computer. Ensure that you are using a Windows 10/164-bit system. The installation path of the (reality Scan scanner software must be in a completely English directory. Check in 'Device Manager-> Cameras' to confirm that three devices starting with CR-Scan Ferret are visible."

5. What should I do if I cannot see the preview video stream in the applications on the Windows system?

Open Windows Device Manager and check if there is "CR- Scan Ferret..." in "Cameras" .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.

6. What should I do if I can't see the preview video in the applications on the Mac system?

Use a separate USB Type A to Thunderbolt or USB3 adapter. Do not use a multi-function multi-device USB C adapter. Install (reality Scan directly in the App directory. Please do not install it in a subdirectory under the App directory.

7. What should I do if the USB3.0 interface is recognized as USB2.0 in the Windows system?

Please re-insert the USB cable quickly, or first connect the USB cable to the USB 3.0 interface on the PC, and then connect it to the USB Type-C interface of the scanner.

CR-Scan Ferret Pro 3D Scanner Performance Specifications

Product name		CR-Scan Ferret Pro
Scanner body	Accuracy	0.1mm
	Minimum Point Distance	0.16mm
	Scanning Range	560*820mm@700mm
	Working Distance	150-700mm
	Minimum Scanning	50*50*50mm
	Frame Rate	up to 30 fps
	Outdoor Scanning	Yes, sunlight illumination less than 30k lux
	Alignment	Geometries/Marker/Texture
	Output Format	OBJ / STL / PLY
	Color Texture	Yes
Rechargeable Battery Grip	Battery Power	5000mAh
Wireless Bridge	Frequency	5GHz
	Power Consumption	2.2W
	Compatible Systems	Win/MAC/iOS/Android
	Power Connector	USB Type-C 5V_3A
	Connection Mode	USB3.0 Type-A
	WiFi	WiFi6
Working Temperature		-10°C-40°C
Storage Temperature		-20°C-70°C
Weight		540g
Note: Minimum scanning is based on marker mode.		

Facebook Community

Discussion, sharing, and troubleshooting



<https://www.facebook.com/groups/creality3dscanner>

Tutorials

Master the art of scanning!



<https://www.youtube.com/playlist?app=desktop&list=PLW9O3eZmo5E2FnnDEWi5hDFtuTDd1dzkl>

User Manual for Beginner

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



<https://wiki.creality.com/en/3d-scanner>

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RoHS

REACH

Documents / Resources

	<p>CREALITY CR Scan Ferret Pro 3D Scanner [pdf] User Guide</p> <p>CR Scan Ferret Pro 3D Scanner, CR, Scan Ferret Pro 3D Scanner, Ferret Pro 3D Scanner, Scanner</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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