CR-Scan Ferret Pro 3D Scanner

Quick Start Guide

Small Build Great Capture

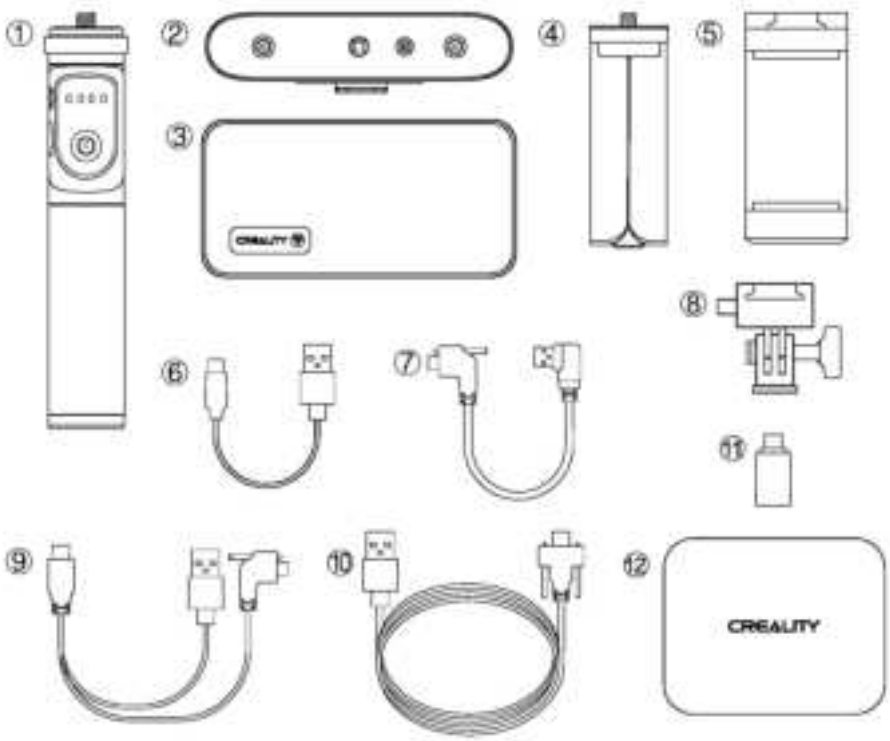
1. Specification

Product	CR-Scan Ferret Pro/ Gemini 2 Scan Pro
Model	CRS04F RC541SM
Technology	Dual Camera Infrared Light
Working distance	150mm – 700mm
Operation Temperature	0℃-40℃
Single Capture Range	820mm x 560mm@700mm
Single- frame Precision	Up to 0.1mm
Minimum point distance/Resolution	0.16mm
Applicable scenario	Indoor/ Outdoor scanning <30000Lux@ 0.4m
Light Source	Class1 NIR
Scanner Dimensions	120*30*26mm
Data transmission	USB3.0 Type-C, WIFI6

Wireless bridge Specification

Product	Wireless Bridge
Model	WBF1
Weight	110g
Dimensions	125*62*18mm
Data interface	USB3.0 Type-C
Power connection	USB Type-C
Power consumption	2.2W
Wi-Fi	Wi-Fi 6
LED indicators status	Red: Error, Yellow: Firmware update; Green: Power on; Blue: Wi-Fi ready
Operation Temperature	0°C to 40°C

2. Packing List



1. Rechargeable Handle *
2. CR-Scan Ferret Pro Scanner
3. Wireless Bridge
4. Tripod
5. Phone Holder
6. Power Cable for Wireless Bridge
7. Data Cable for Wireless Bridge
8. Quick Mount Kit
9. USB Cable for Smartphone& Handle
10. USB Cable for Computer
11. Type-C Adapter
12. Carrying Case

*[Power Button] One click: ON, Double click: OFF

3.System Requirements

System Requirements	
	PC: i5-Gen8 CPU and above Windows: Windows10/11 (64-bit) RAM: 8G and above
	Mac: M1/M2 series processor macOS Big Sur 11.7.7 and above RAM: 8G and above Mac: Intel processor (i5-Gen8 CPU and above) macOS Catalina 10.15.7 and above RAM: 8G and above
android	Android: Android 10.0 and above RAM: 8G and above
	iPhone：iPhone11 and above IOS：IOS13 and above

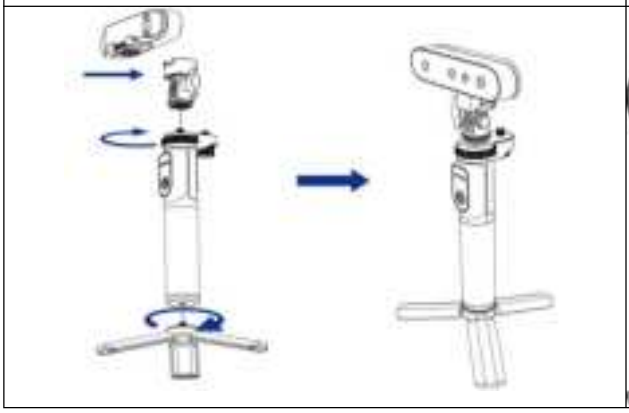
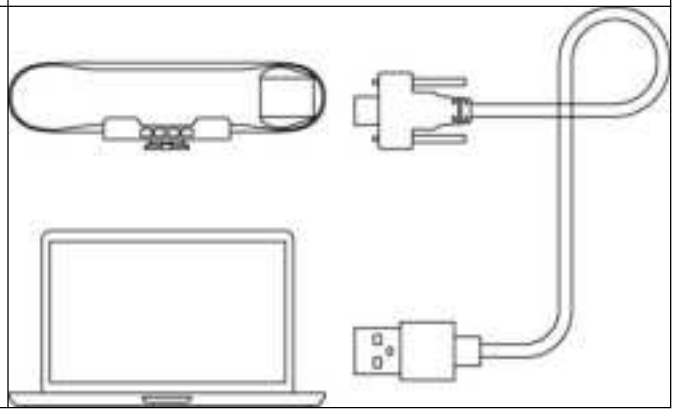
* For better scanning performance, PC is recommended.

Software& firmware link:

Creality	Google play
https://www.creality.com/pages/download-cr-scan-ferret	https://play.google.com/store/apps/details?id=com.creality.crealityscan

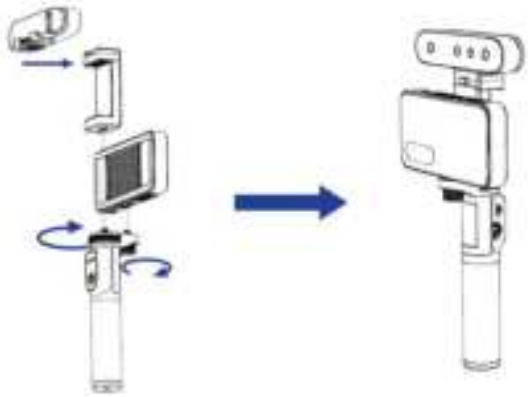
3.Device Attachment

Connecting Ferret Pro to PC via USB cable

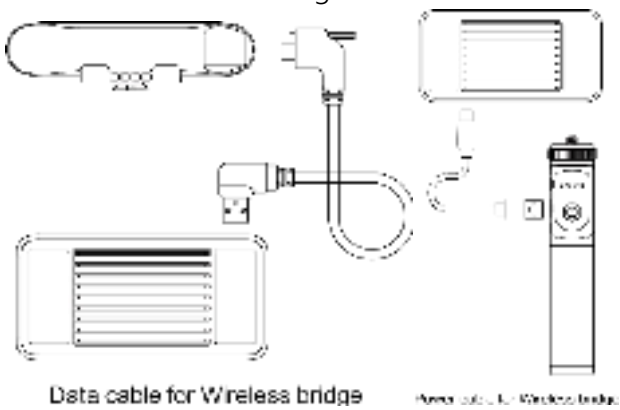
Turntable mode installation	PC Connection
	

Connecting Ferret Pro to Phones via Wi-Fi

Handheld mode installation with wireless bridge



Wireless bridge connection



Connect the Smartphone to the wireless bridge:

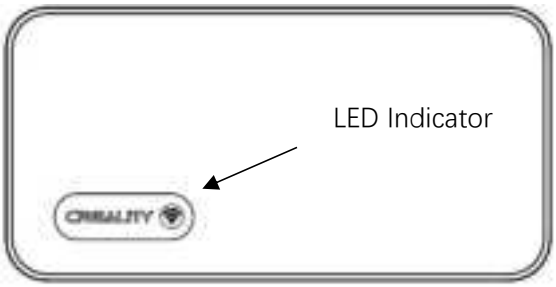
1)Connect the wireless bridge to the scanner and rechargeable handle, wait a few seconds until the LED turn blue

2)Go to your smartphone's Wi-Fi setting, search for the network called Ferret-XXXXXX and connect (No password is required).

3) Wait a few seconds for the scanner to be connected

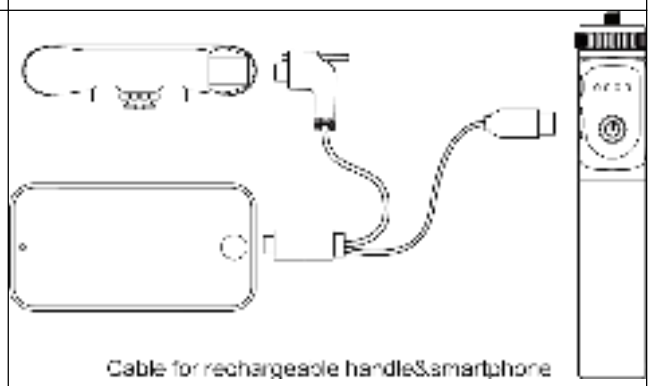
Facebook Group A place to discuss, share, trouble shoot	Tutorials Master the art of scanning!

Wireless Bridge LED Indicators



No light: Power off
Green light: Power on
Yellow light: Firmware update
Red light: Initiation/Error
Blue light: Wi-Fi ready

Connecting Ferret Pro to Android Phones via USB cable

Handheld mode installation without wireless bridge	USB cable connection to Android Phones
	

Warning :
Due to the used enclosure material, the product shall only be connected to a USB Interface of version 2.0 or higher. The connection to so called power USB is prohibited.

Do not use the product in the environment at too high or too low temperature,

never expose the product under strong sunshine or too wet environment.
The suitable temperature for the product and accessories is 0℃-40℃.
This device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device meets applicable national SAR limits of 2.0W/kg (10g).10g SAR: meets low-power exclusion level, SAR test is not required.
RF band/RF power

Operation Frequency	Max.EIRP
WLAN 5G: 5180 MHZ-5240 MHZ	14.76dBm
WLAN 5G: 5745 MHZ-5825 MHZ	13.87dBm

EU Regulatory Conformance
Hereby, Orbbec Inc. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
This product can be used across EU member states.

This device is restricted to indoor use where operated in the European Community using frequency in 5150MHz-5350MHz to reduce the potential for interference.

AT	BE	BG	CH	CY	CY	DE	DK
EE	EL	ES	FI	FR	HR	HU	IE
IS	IT	LI	LT	LU	LV	MT	NL
PL	PT	RO	SE	SI	SK	TR	UK(NI)

Warning：
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.

The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction. Federal Communication Commission (FCC) Radiation Exposure Statement Power is so low that no RF exposure calculation is needed.

電波法により 5GHz 帯は日本国内の屋内使用に限ります

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