



CREALITY CR Scan 3D Scanner Ferret User Guide

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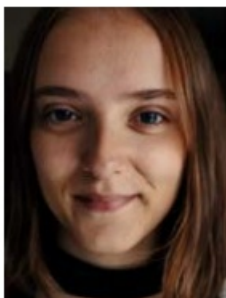
CR Scan 3D Scanner Ferret
User Guide

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Recommended objects to be scanned

- CR-Scan Ferret is ideal for medium and large sized object scanning. If you are new to 3D scanning, please try some objects which are easy to be scanned.
-  Recommended: Human faces, Human bodies, Sculpture, Carving, etc.



Size: 15x15x15 cm³ ~ 200x200x200 cm³

* Scanning objects that's too large or too small could be challenging. It may require more practice, patience

and technique.

- Not suitable:
- Transparent, reflective, through-holes, very thin.
- Nonstationary object: eg. moving animal.
- Oversized objects such as wall, rooms, etc. and ultra small object such as keys, coins, scissors, gears, jewellerys or tiny electronic components, etc.

Scanning troubleshooting/tips

Case	Troubleshooting/tips
Unsmoothed surface	Scan your model until majority of the model turns green for better quality.
Tracking lost	Backtrack to the previous scanned area and hold for a few second to resume tracking. Try enable 'Exclude Base' at the bottom left corner while scanning.
Incomplete model	To scan another side, pause to change gesture and continue scanning. Try to put the object on a manual swivel turntable or a lazy susan(not included). Rotate it slowly while scanning.
Object with highly reflective surface, like copper, aluminum and other metal	It is recommended to use scanning spray for high transparency and reflective object. 3D Scanning Spray that produces a matte finish will improve the likelihood of the scanner recognizing the object.
Semi-transparent/ Transparent objects, e.g. glass, window, etc.	
Flat or regular solid color object.	Marking stickers or hand drawn markers randomly improve the visual tracking ability under texture mode. (below 3 types of markers for reference)

How to choose proper scanning settings?

Scanning Modes for visual tracking:

- Geometry mode: for the objects with rich geometry (statues, carvings, etc.).
- Texture mode: for the objects with vivid irregular graphical pattern.




- Objects with rich geometries and texture: Geometry mode recommended.
- Objects WITHOUT rich geometries(including flat and regular shape) NOR rich texture: you can put markers or hand drawn markers randomly on the object before scanning.

Initial Setup Guide and Tips

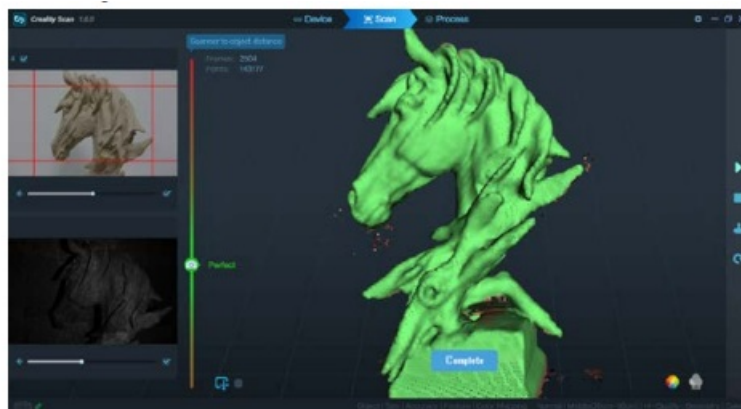
Initial Setup Guide and Tips

Step1: Device



Connecting the scanner to a USB 3.0 port  is highly recommended for faster data transfer. A USB port without sufficient power may lead device not showing any images. It is recommended to try other USB 3.0 ports if that happens. Please note that you need to plug in quickly otherwise it would be detected as USB 2.0.

Step2: Scan

Select proper settings (geometry or texture) according to the object; adjust the distance between object and scanner to 'Optimal distance'. Scan your model until majority of the model turns green for better quality model. For finer details, please select 'Hi-Quality'.



Step 3: Process

Click  to process the result automatically with default settings or click on  to process result manually with customized settings.



Support

Facebook Group

A place to discuss, share, trouble shoot.



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

Download

Latest software, User Manual, Firmware, etc.



<https://www.creality.com/pages/download-cr-scan-ferret>

Tutorials

Master the art of scanning!



<https://youtube.com/playlist?list=PLW9O3eZmo5E2FnnDEWi5hDFtuTDd1dzkl>



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References

- [🔊 CR-Scan Ferret Firmware Download - Creality 3D](#)
- [User Manual](#)