

<b>Product Name</b>	INSPIRE 3D Scanner
<b>Technology</b>	Binocular Dual-Camera Infrared Light
<b>Single-frame Accuracy</b>	Up to 0.2 mm
<b>Single Capture Range</b>	230 mm × 140 mm@310 mm
<b>Working Distance</b>	250 mm – 500 mm
<b>Minimum Scan Volume</b>	50 mm × 50 mm × 50 mm
<b>Scanning Speed</b>	14 - 18 fps
<b>Light Source</b>	Class 1 Infrared Light
<b>Output Formats</b>	PLY, OBJ, and STL
<b>Alignment Methods</b>	Feature and Marker
<b>Point Distance(Resolution)</b>	0.3 mm
<b>Scanner Dimensions</b>	132 mm × 45 mm × 27 mm
<b>Compatible OS</b>	Windows, Android, iOS, macOS
<b>Wi-Fi</b>	Wi-Fi 6
<b>Connection Port</b>	USB Type-C



REVOPOINT

**0.2 mm**  
Engineering-grade Accuracy

**140 g**  
Compact Design

**14-18 fps**  
Scanning Speed

**9-axis**  
IMU

**Magic Mat**  
Featureless Object Scanning

## INSPIRE 3D Scanner

Pocketable Design,  
Remarkable Capabilities



### Notes:

1. Accuracy was acquired in a controlled lab environment. Actual results might vary, subject to the operation environment.
2. iOS devices only support Wi-Fi connection.
3. Class 1 Laser: Avoid direct eye exposure for extended periods! Refer to Standards for Class 1 Lasers for details.
4. Warning: This product has flashing lights which may not be suitable for people with photosensitive epilepsy.



INSPIRE is the latest addition to Revopoint's lightweight handheld 3D scanners range. It's packed with advanced technology to provide user-friendly, accurate, and exceptionally cost-effective 3D scans for multiple scanning scenarios.

## Runs on Nearly Everything

Revo Scan 5 is your portal to intuitive, user-friendly 3D scanning and powerful editing. And it runs on nearly everything without requiring a lot of RAM, with full support for iOS, Android, Windows, and macOS devices. Export your models in STL, PLY, or OBJ formats for compatibility with most 3D software.

### Revo Scan 5

Windows macOS

Android iOS



## Game 3D Modeling

With a 250-500 mm working distance and scanning speeds of up to 18 fps, INSPIRE quickly captures objects, clothing, equipment, and faces to generate detailed, full-color 3D models for in-game applications. Making it an ideal modeling tool for 3D designers.



## Creative Projects

Streamline your creativity with INSPIRE. The accurately captured models are ready for modification to support DIY projects and art creation.



## Reverse Engineering

INSPIRE's 9-axis IMU and smart algorithms automatically remove faulty frames caused by shaking hands or fast movements, ensuring efficient tracking and error-free scanning to provide high-quality models for reverse engineering.



## Industrial Maintenance

Replace out-of-production parts, create modified parts, customize your motor to your heart's content, and do so without the fear of wrong measurements ruining your hard work.



## Preserving History

INSPIRE's 140 g lightweight body provides a comfortable handheld scanning experience for contactless scanning of sculptures, ancient artifacts, and antiques to help preserve and pass on valuable cultural heritage.

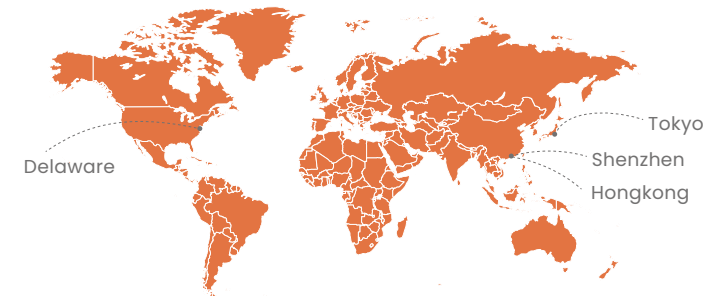


## Heritage Conservation

Produce detailed full-color scans of historical artifacts and antiques that can be used for restoration, preservation, or education.



## About Us



Revopoint is a global leader in consumer-based 3D scanning technology designed to make 3D scanning accessible to people everywhere. Powered by robust R&D investment and state-of-the-art production processes, we've created cutting-edge technologies ranging from micro-structured optical chips to high-precision 3D vision algorithms.

We're focused on global growth, with our products already being used in over 150 countries. And with subsidiaries established in America and Japan and even more planned in the future, we're ready to meet diverse needs and challenges.

## REVOPOINT



Official Website



400-168-1992

www.revopoint3d.com