

RANGE

Effortlessly capture vehicles, furniture, people with Revopoint's new infrared structured light 3D scanner. With an impressive single capture range of 360mm x 650 mm@600 mm and high-speed 12-18fps scanning speed, it gets scans done fast.



Powerful Projector

Efficiently scan cars, furniture, people, and many more large objects. Because the RANGE's new powerful infrared projection system with brighter and higher resolution structured light enables scanning between 300mm to 800mm distance with a single capture range of 360mm x 650mm @600mm.

High Precision

With a single-frame precision of up to 0.1mm and a point distance of up 0.3mm, the RANGE's new dual IR cameras with aspheric lenses reduce image aberrations and ensure that the micro-structured infrared light evenly reaches the sensors. Making it a powerful tool for reverse engineering projects, interior design modeling, VR/AR model creation, and many more applications.

High-speed Scanning

With a scanning speed of 12 to 18 frames per second, you can move the RANGE naturally and smoothly around the object you want to scan. And the integration of a proprietary chip and new advanced algorithms allows for even smoother frame stitching for increased scanning efficiency.

Supports a Variety of Accessories

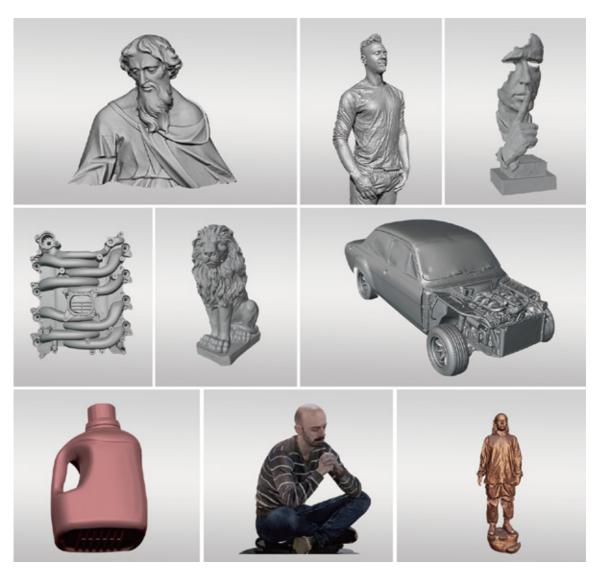
RANGE supports Revopoint's motorized large turntable, handheld stabilizer, and other accessories.

Lightweight and Portable

RANGE weighs only 210g and can easily be carried in a backpack with accessories, so it's always ready to scan.

Applications

RANGE meets the 3D modeling needs of multiple scenarios, such as reverse engineering projects, interior design modeling, VR/AR, digital artifacts, cultural and creative design, etc.



Specifications

| Single-frame Precision Single-frame Accuracy 0.3mm Single Capture Range 360mm x 650m Working Distance 300mm - 800m Minimum Scan Volume 70mm x 70mm Scan Speed 12fps - 18fps Light Source Class I infrared Alignment Modes Feature, Market Color Scanning Exportable Formats PLY, OBJ, STL Point Distance/Resolution Special Object Scanning Scanning Environment Outdoor Scanning When scanning Scanner weight 210g Scanner Size Compatible Systems Windows 10/11 | |
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| 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. | |