



EinScan H



Technical specifications

Safety	LED light (eye-safe)
Scan Accuracy	Up to 0.05mm
Volumetric Accuracy*	0.05+0.1mm/m
Scan & Align Speed	1,200,000points/s, 20FPS
Camera Frame Rate	55FPS
Align Modes	Markers Alignment, Feature Alignment, Hybrid Alignment, Texture Alignment
Working Distance	470mm



Depth of Field	200-700mm
Maximum FOV	420mm*440mm
Point distance	0.25mm-3mm
Built-in Color Camera	Yes
Color Scanning	Support

Infrared & Structured Light Hybrid Light Source

Hybrid structure light source technology integrating LED structured light and invisible infrared light into one device and adding advanced smart presetting in different scan modes allows 3D scanning in a broad range of applications and promotes the popularization of portable 3D scanning technology.

The Era of Scanning with Hair Acquisition

The invisible infrared light source provides a reliable solution to the problem of acquiring dark-coloured objects and enables an easy acquisition of human hair.

Invisible Light 3D Scanning Experience

The new face scanning mode adopts invisible infrared light enabling a safe and comfortable scanning process.

Fine Details

Impressive high resolution reaches **0.25 mm**, EinScan H captures full geometry of objects such as artwork or furniture with fine details . The high accuracy of scanned data up to **0.05 mm** and volumetric accuracy **0.1mm/m** improves the precision of 3D modeling in a dense points cloud or polygon meshes.

Fast Scanning

Scan speed up to **1,200,000 points/s** and large scan FOV of **420*440 mm** ensure fast 3D scanning of large size objects. The optimized alignment algorithm enables efficient alignment despite small movements of the scanned object or person.

Full-color Reproduction

The built-in color camera supports full color texture capturing and tracking by texture.

Portable & Easy Operation

The software is intuitive and user-friendly. Easy operation for professional users and beginners alike. Easy to own, easy to use.

Weight
703 g