



EinScan HX Reverse Engineering Design Bundle



Based on years of 3D measurement experience and market demand, SHINING 3D innovatively integrates blue LED light and blue laser into EinScan HX handheld 3D scanner.

Hybrid Blue Laser & LED Light

Innovatively integrated with dual blue LED light and blue laser, improves scanning materials adaptability with less limitation for a wider range of applications. LED light scanning allows rapid 3D scanning. Laser scanning, which is less sensitive to ambient light, gives better performance to reflective and dark color surface.

Reliable Results

The high resolution and accuracy meet the needs of most industrial applications for reverse engineering and measuring.

Minimum point distance **0.05 mm**
Accuracy up to **0.04 mm** under Laser Scan



High Efficiency

Processing speed of EinScan HX under Rapid Scan Mode is up to **1,200,000 points/s**, and multiple blue laser lines under Laser Scan Mode makes scanning of most objects in minutes for reverse engineering, CAD/CAM, 3D printing and etc.

Portable & Easy Operation

EinScan HX is plug and play with user friendly software, which is easy to operate, no matter you are newbie or with professional experience in 3D scanning. The portability and flexibility use of EinScan HX has been considered to its ergonomic design for a more efficient and comfortable scanning experience.

Ergonomic Design

Weight :
710g

Full Color

With built-in color camera, it supports full color texture capturing and tracking by texture.

Technical specifications

Scan Accuracy	Up to 0.05mm
Volumetric Accuracy*	0.05+0.1mm/m
Scan Speed	1,200,000 points/s 20FPS
Camera Frame Rate	55FPS
Align Mode	Feature Alignment, Markers Alignment, Texture Alignment, Hybrid Alignment
Working Distance	470mm
Depth of Field	200mm-700mm
Max FOV	420mm*440mm
Point Distance	0.25mm-3mm
Light Source	Blue LED
Safety	Eye-safe
Built-in Color Camera	Yes
Texture Scan	Yes