SHINING 3D

EinScan (H) 3D Scanner

The EinScan H provides hybrid infrared and LED light scanning, creating a solution for difficult to
scan surfaces while delivering high quality full-color 3D data within minutes.
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SKU: 3DWDV74EN1HYL

Price: 59,990.91 DH (HT)

Stock: onbackorder

Categories: [Scanners 3D](#)
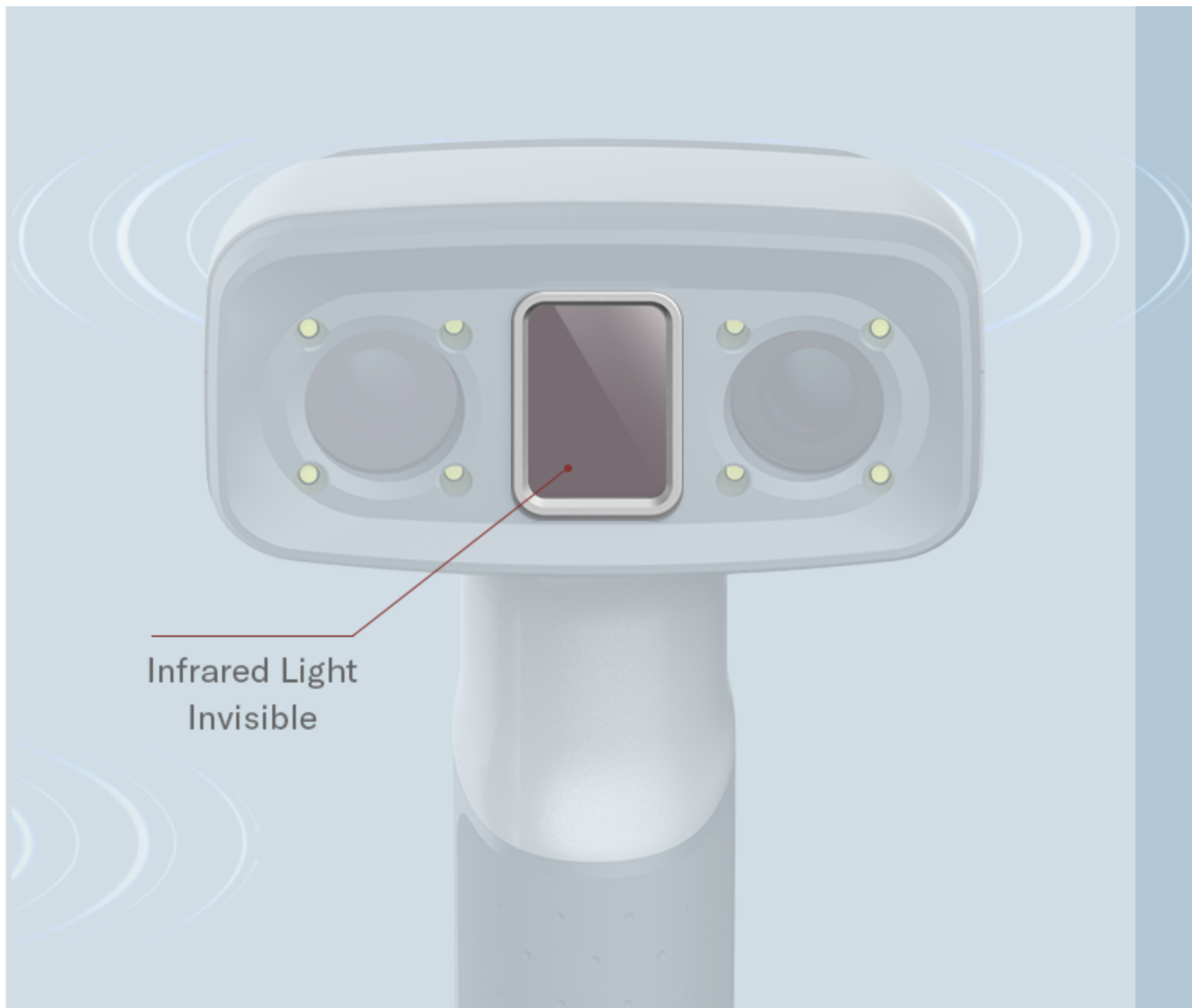
Product Description

EinScan H

Hybrid LED & Infrared Light Source Handheld Color 3D Scanner

With technical accumulation on 3D vision technology for more than a decade, SHINING 3D is now introducing its newly developed handheld 3D scanner, EinScan H. Based on hybrid structured light technology using LED and invisible infrared light, EinScan H is making human face scanning more comfortable by removing the need for strong light. With a built-in color camera and large field of view, EinScan H provides high quality 3D data with full color and is ready-to-use in minutes.

Infrared & Structured Light Hybrid Light Source

Hybrid structured light source technology integrates LED structured light and invisible infrared light into one device and adds advanced smart presetting in different scan modes. This allows for 3D scanning a broad range of applications and promotes the functionality of portable 3D scanning technology.

Infrared Light
Invisible

Human Scanning with Hair Acquisition

Invisible infrared light provides a reliable solution to the problem of acquiring dark-coloured objects and enables easy scan 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.

3D Model Of Arm Scanned By EinScan H

3D Model Of Sofa Scanned By EinScan H

3D Model Of Oil Painting Scanned By EinScan H

Fine Details

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

Fast Scanning

Scan speeds up to 1,200,000 points/second and large scan field of view of 420*440 mm ensures

fast 3D scanning of large objects. An optimized alignment algorithm enables efficient alignment despite small movements of the object or person being scanned.

Full-Color Reproduction

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

Portable & Easy Operation

Intuitive and user-friendly software provides easy operation for professional users and beginners alike. Easy to own, easy to use.
Weight: 703 g

Technical Specifications

Scan Mode	Standard Scan	Body Sca
Light Source	White Light, visible	
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	
Align Modes	Markers-, Feature-, Hybrid- and Texture Alignment	
Camera Frame Rate		
Working Distance		
Depth of Field	200-700mm	
Maximum Scan Range	420mm*440mm	
Point distance	0.25mm-3mm	
Built-in Color Camera		
Color Scanning		
Connection Standard		
Output Format		OB
Dimension		108
Weight		