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The Comparison of the 3D Einscan H and HX

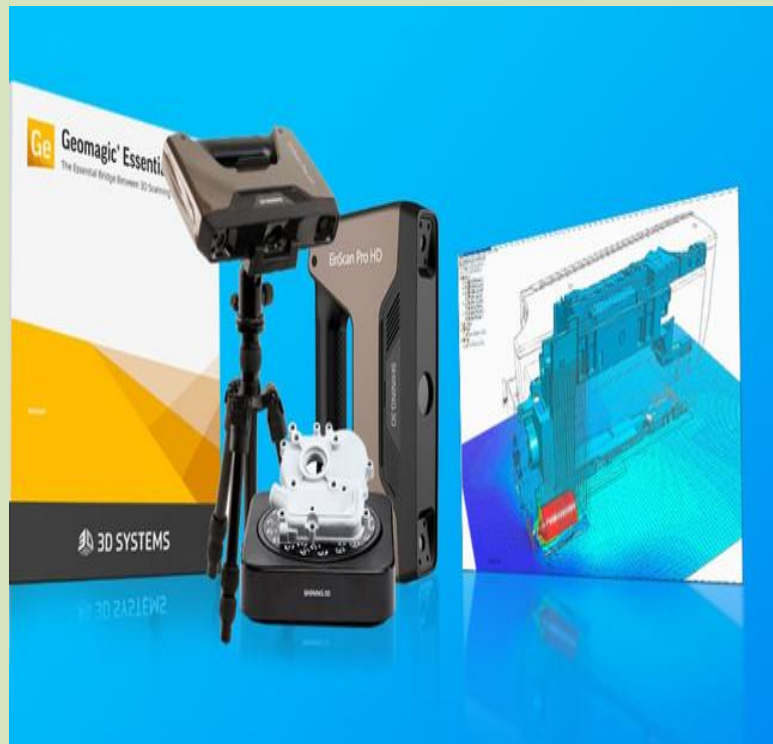
Shining 3D, a Chinese company best known for its 3D scanner, expanded its product line by two models. Einscan H and Einscan HX are the models. These are hybrid 3D scanners, which mean that while they all have a variety of functions and use two separate light sources, they are all unique. The Einscan H and Einscan HX 3D scanners from Shining 3D will be discussed in this article. We'll contrast them.

Comparison of the capabilities of Einscan H and Einscan HX

Einscan H

Both an extra infrared light source and a unique LED scanning technology solution are employed by the Einscan H 3D scanner. The latter is what makes it more adept at capturing challenging items like hair and darkish areas. This makes scanning the human body and face very effective.

According to Shining 3D, the gadget became quicker at full-color scanning as a result of integrating a built-in color camera and expanding the scan area. The option to switch between scanning modes and an enhanced overlay removal technique that accounts for slight body movement-related aberrations is helpful.



The tool could record textures since it included a built-in color camera. A variety of post-processing techniques, from data simplification to hole filling, allow for the efficient use of scanned data.

Despite having all of the aforementioned functions, the Einscan H is one of the lightest 3D scanners available, weighing just 703 g, and is incredibly simple to operate. It is effectively a plug-and-play gadget. A full version of Solid Edge Shining 3D software is preinstalled on the device.



Einscan HX

A portable 3D scanner with outstanding performance and simplicity of [use is the Einscan HX](#). It has a hybrid lighting setup that combines a blue laser mode with an LED light source.

Infrared light is a less expensive option, but blue laser is better at catching dark, shiny, or metallic materials. The precision of up to 0.04 mm and minimum point distance of 0.05 mm in the blue light mode is equivalent to many industrial-grade devices. This indicates that

the gadget may also be applied in an industrial context, where it can be used to scan substantial automobile and aircraft components and to do reverse engineering. Additionally, the machine is excellent at scanning people.

There aren't many restrictions on what the scanner can scan, making it a genuinely useful and multipurpose tool. It may be used for a variety of things, including scanning artwork, architectural components, and objects in the medical profession. This is a portable, lightweight gadget with an astounding range of capabilities. Also, it's simple to use.

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