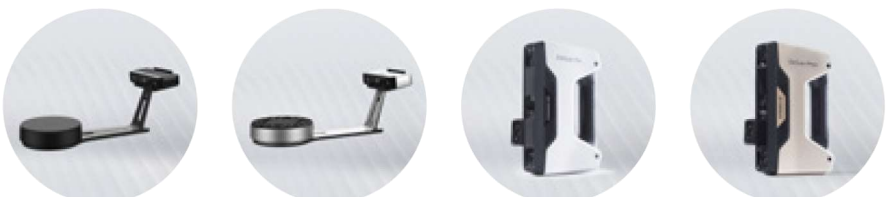
SHINING 3D®

PRECISE 3D
A Complete 3D Solution

EinScan Series
3D Scanners
Create value for you



www.precise3dm.com

EinScan Series Features

Easy to Use

The EinScan series are easy to use for both non-technical users and professional users. Every scanning step is guided in the software with clear instructions.

High Accuracy

The EinScan series make it possible to capture high accuracy 3D data.

High Speed

Capture the 3D data quickly and easily.

Structure Light Scanning Technology

Compared with the traditional laser scanning methods, the details of the model obtained with white-light scanning are more abundant. Scanning and modeling is more efficient and stable.

Lifelong Free and User-friendly Software

EinScan software is free to use and update. SHINING 3D continuously provides the updating service to offer better service and technology.

Compatible with 3D Printers and Major 3D Design & Modeling Software

Output various file formats such as STL, OBJ, PLY, ASC, which can be used in most 3D software.

Compatible Software:

- Siemens (NX and Solid Edge)
- Mesh2Surface
- Pro/ENGINEER
- 3D Systems (Geomagic® Solutions)
- VERISURF
- etc.
- Rhinoceros Software
- Autodesk

Know About 3D Scanning

What is 3D scanning?

3D scanning is to capture the physical object and transform it into a digital 3D model.

From 3D Scan to CAD

A 3D model is a digital representation of a physical object. By using 3D scanning to capture the physical object, it can better conceptualize an idea or create a starting point for modeling in CAD. The 3D model can be used for various purpose.

From 3D Scan to 3D Print

By capturing the existing object into the computer, users can modify or directly re-create an object by using a 3D printer. High-resolution models can be used for industrial applications and manufacturing, while also be user-friendly to home users.

EinScan Desktop 3D Scanners

EinScan-SE(Elite) & EinScan-SP(Platinum)
Maximize the scanning capability on your desktop.

Versatile, Easy & Fast, Fine Details
- Dual Scan modes: Auto Scan and fixed scan
- Wide Scan range from small to large
- Texture scan, easy reconstruction of the real physics feature of an object

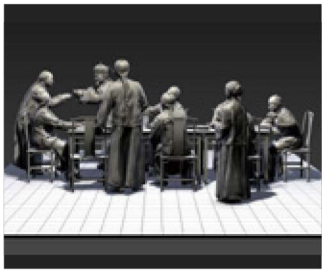
EinScan-SE
An amazing choice for educators and beginners.

EinScan-SE is the 2nd generation of EinScan-S, with a brand new design and upgraded capability, providing all users including students, teachers and other non-technical users with the simplest method of a wide range of desktop 3D printing applications.
- Provide the easiest 3D scanning experience for non-technical users
- A Multi-functional desktop 3D scanner with excellent scanning quality
- Small footprint, modern design and great price-to-performance ratio

Applications

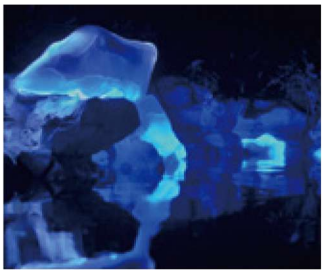
Education

- Primary, Middle and High School
- STEAM Education
- University
- Innovative Class



Art & Design

- Architecture
- Customization
- 3D Modeling



Computer Graphics

- Multimedia
- Virtual Reality
- Augmented Reality
- Serious Game

Cultural Heritage Preservation

- Archiving
- Restore
- Virtual Museum

Medical

- Plastic Surgery
- Orthopaedy
- Scientific Research
- Human Body Scan

Industrial

- Reverse Engineering
- Product Development
- Die & Mould

Consumer Products

- Rapid Prototyping
- Fashion
- Individual Electronic

Archiving & Sharing

- Data Sharing
- 3D Digital Preservation

Specifications

Model	EinScan-SE		EinScan-SP	
Scan Mode	Fixed Scan	Auto Scan	Fixed Scan	Auto Scan
Mode of Alignment	Feature, Manual	Turntable, Manual	Feature, Markers, Manual	Turntable, Markers, Manual
Single Shot Accuracy	≤0.1 mm		≤0.05 mm	
Minimum Scan Volume	30×30×30 mm		30×30×30 mm	
Maximum Scan Volume	700×700×700 mm	200×200×200 mm	1200 ×1200×1200 mm	200×200×200 mm
Range of Single Capture	200×150 mm		200×150 mm	
Scan Speed	<8 s	<8 s	<4 s	<4 s
Point Distance	0.17-0.2 mm		0.17-0.2 mm	
Texture	Yes		Yes	
File Format	OBJ, STL, ASC, PLY		OBJ, STL, ASC, PLY	
Camera Resolution	1.31 Mega Pixels		1.31 Mega Pixels	
Light Source	White Light		White Light	
Stand-off Distance	290-480 mm		290-480 mm	
PC Requirements (Required)	USB: 1 ×USB 2.0 or 3.0 ; OS: Win7, Win8, Win10 (64 bit) ; CPU: i5 ; RAM: 8 G		Graphic card: Nvidia series Graphic memory > 1G ; USB: 1 × USB 2.0 or 3.0 ; OS: Win7, Win8, Win10 (64 bit) ; CPU: i5 ; RAM: 8G	
PC Requirements (Recommended)	Graphic card: Nvidia series ; Graphic memory > 1G		Graphic card: Nvidia series (GTX 660 or higher) ; Graphic memory > 2G ; CPU- i7 ; RAM-16GB	
Weight (Unpacked)	2.5 kg		4.2 kg	
Weight (Packed)	4.9 kg		7.0 kg	
Dimension	570×210×210 mm		570×210×210 mm	
Power Supply	50 w		50 w	
Input Voltage	DC: 12 v, 3.33 A		DC: 12 v, 3.33 A	
Calibration Board	Standard		HD	
Turntable	Standard		Turntable with Markers	
Load Capacity of Turntable	5 kg		5 kg	

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