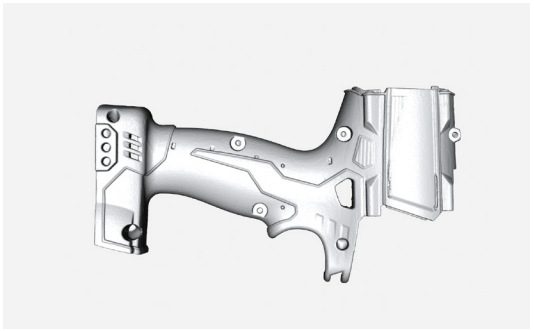
3D PRINTING SYSTEMS®

SHINING 3D

EINSCAN SE/ SP V2
DESKTOP 3D SCANNER

MAXIMIZE THE SCANNING CAPABILITY ON YOUR DESKTOP



FEATURES

Extensive scanning range from small to large
Depending on the size of the object, scanning can be carried out using a turntable for automatic scanning or a tripod for manual scanning.

Easy operation, user-friendly workflow and faster scanning
One-click scanning
Automatic calibration without complex settings

Fine details
Highly detailed reproduction of display data

Colour scanning
Easy reproduction of physical 3D models with coloured textures

Compatible with 3D printers
Auto meshing to watertight 3D data for 3D printing

Safety in use
Visible white light, safe for human eyes

EinScan SE/ SE V2

A powerful companion for educators and individuals

- Simple 3D scanning experience for non-technical users
- Wide range of scans from small to large
- Easy to operate and cost-effective

EinScan SP/ SP V2

The expert's choice for enhanced experience

- Precise calibration in a simple way, achieving high accuracy of better than 0.05 mm
- Faster scanning speeds
- Multiple alignment modes
- Enables high-resolution 3D modelling even for professional users

Model	EinScan SE	Einscan SE V2	EinScan SP	Einscan SP V2
Scan speed of a single shot	**<8s**	**<1s**	**<4s**	**<1s**
Scan speed of one turn	**<2mins**	**<45s**	**<1min**	**<45s**
Align Mode				
Manual	√	√	√	√
Feature	√	√	√	√
Turntable	√	√	√	√
Turntable Coded Targets	×	×	√	√
Markers	×	×	√	√

APPLICATIONS

Education
K12 education, vocational school, college and university

Digital Industry
Animation, CG, VR&AR

Design & Art
High-quality 3D design, 3D printing applications, reverse engineering

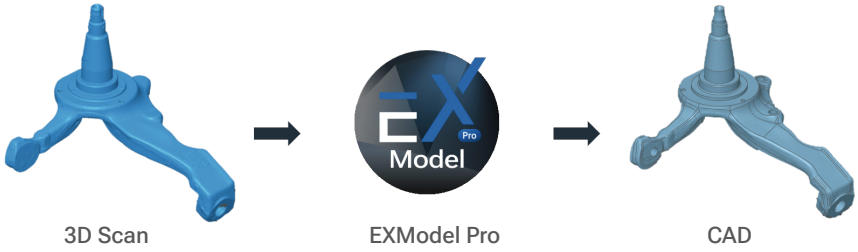
Archiving and Sharing
3D digital archiving, data sharing

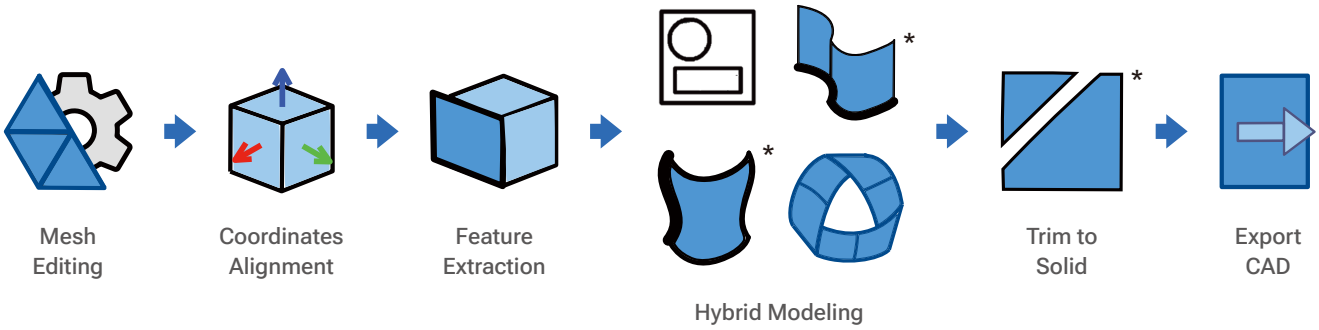
EXModel

EXModel is a powerful bridge that simplifies CAD modeling from 3D scanning to manufacturing. With the integration of EXScan S, you can now seamlessly import data to EXModel with a single click after completing a scan. EXModel offers a comprehensive set of tools that enable you to create professional-grade CAD digital models that are compatible with your CAD software.

- Effortless Mesh Processing
- Precision CAD Creation
- Enhanced Data Utilization
- Cost-Effective Solution

Workflow





*30 days Free Trial is avaible to apply to EXModel.

*Function features marked with asterisk are available in EXModel Pro.

TECHNICAL SPECIFICATIONS

EINSCAN SE/ SE V2

Model	Einscan SE	Einscan SE V2
Scan Mode	Fixed Scan with Turntable; Fixed Scan without Turntable	
Align Mode	Manually Align; Feature Align; Turntable Align	
Scan Accuracy	≤0.1 mm	
Minimum Scan Volume	30 × 30 × 30 mm	
Maximum Scan Volume	Fixed Scan: 700 × 700 × 700 mm Turntable: 200 × 200 × 200 mm	
Singe Scan Range	200 × 150 mm	
Scan speed of a single shot	＜8s	＜1s
Scan speed of one turn	＜2mins	＜45s
Point Distance	0.17 ~ 0.2 mm	
Color Scan	Supported	
Output Format	OBJ, STL, ASC, PLY, 3MF	
Camera Resolution	1.3MP	
Light Source	White LED	
Working Distance	290 ~ 480 mm	
Power Supply	12V, 3.33A, 40W	
Computer Requirements	OS: Win7, 8, 10 (64bit) CPU: Intel Dual Core i5 or higher; RAM: ＞8GB Graphics Card: Nvidia GTX660 or higher; Video Memory: ＞1GB USB Port: 2.0/ 3.0	OS: Win7, 8, 10 (64bit) CPU: Intel Dual Core i5 or higher; RAM: ＞16GB Graphics Card: Nvidia GTX660 or higher; Video Memory: ＞2GB USB Port: 2.0/ 3.0
Device Size	570 × 210 × 210 mm	
Package Size	640 × 410 × 230 mm	
Weight	4.2KG	
Certificate	CE, FCC, ROHS, WEEE	
Calibration Board	Plastic Calibration Board	
Turntable Loading Capacity	5KG	

*Notice: SHINING 3D reserves the right to explain any alteration of the specifications and pictures.

TECHNICAL SPECIFICATIONS

EINSCAN SP/ SP V2

Model	Einscan SP	Einscan SP V2
Scan Mode	Fixed Scan with Turntable; Fixed Scan without Turntable	
Align Mode	Manually Align; Feature Align; Turntable Align; Markers Align; Turntable Coded Target Align	
Scan Accuracy	≤0.05 mm	
Minimum Scan Volume	30 × 30 × 30 mm	
Maximum Scan Volume	Fixed Scan: 1200 × 1200 × 1200 mm Turntable: 200 × 200 × 200 mm	
Singe Scan Range	200 × 150 mm	
Scan speed of a single shot	＜4s	＜1s
Scan speed of one turn	＜1mins	＜45s
Point Distance	0.17 ~ 0.2 mm	
Color Scan	Supported	
Output Format	OBJ, STL, ASC, PLY, 3MF	
Camera Resolution	1.3MP	
Light Source	White LED	
Working Distance	290 ~ 480 mm	
Power Supply	12V, 3.33A, 40W	
Computer Requirements	OS: Win7, 8, 10 (64bit) CPU: Intel Dual Core i5 or higher; RAM: ＞16GB Graphics Card: Nvidia GTX660 or higher; Video Memory: ＞2GB USB Port: 2.0/ 3.0	
Device Size	570 × 210 × 210 mm	
Package Size	640 × 410 × 230 mm	
Weight	4.2KG	
Certificate	CE, FCC, ROHS, WEEE	
Calibration Board	High Accuracy Calibration Board	
Turntable	With Coded Targets	
Turntable Loading Capacity	5KG	
Attachments	Tripods	

*Notice: SHINING 3D reserves the right to explain any alteration of the specifications and pictures.

EinScan SE/ SP V2-EN 20241010-V0.7