

Technical 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, Turntable Coded Targets
Single Shot Accuracy		≤0.1 mm		≤0.05 mm	
Minimum Scan Volume		30 × 30 × 30 mm		30 × 30 × 30 mm	
Maximum Scan Volume		700×700×700mm	200×200×200mm	1200×1200×1200mm	200×200×200mm
Range of Single Capture		200 × 150 mm		200 × 150 mm	
Scan Speed		<8 s	<2 mins	<4 s	<1 min
Point Distance		0.17 mm ~ 0.2 mm		0.17 mm ~ 0.2 mm	
Texture		Yes		Yes	
File Format		OBJ, STL, ASC, PLY		OBJ, STL, ASC, PLY	
Camera Resolution		1.3 Mega Pixels		1.3 Mega Pixels	
Light Source		White Light		White Light	
Stand-off Distance		290 ~ 480 mm		290 ~ 480 mm	
Computer Requirements	Graphic Card	Nvidia series Graphic memory > 1G;		Nvidia series (GTX 660 or higher) Graphic memory > 2G;	
	Interface	1 × USB 2.0 or 3.0		1 × USB 2.0 or 3.0	
	Windows	Win7, Win8, Win10 (64 bit)		Win7, Win8, Win10 (64 bit)	
	CPU	Dual-core i5 or higher		Dual-core i5 or higher	
	RAM	>8 G		>16 G	
Weight (unpacked)		2.5 kg		4.2 kg	
Weight (packed)		4.9 kg		7.0 kg	
Dimension		570 × 210 × 210 mm		570 × 210 × 210mm	
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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SHINING 3D®



PRECISE 3DM



SHINING3D Scanning Technology, the New Generation Desktop 3D Scanner.

EinScan-SE & EinScan-SP

Versatile, Easy & Fast, Fine Details



SHINING3D Scanning Technology, the New Generation Desktop 3D Scanner.
Versatile, Easy & Fast, Fine Details



Easier Operation, Faster Scanning, User friendliness and Enhanced Efficiency

- Time needed for a single scan: EinScan-SE 8 s, EinScan-SP 4 s;
- Time needed for a 360-degree scan under auto-scan mode: EinScan-SE 2 mins, EinScan-SP 1 min.



Fine Details, Every Scan Generates a High-Quality 3D Data file

- Structured light 3d scanning technology, great power of reconstruction the real geometry of the object with fine detail.



Compatible for Communicating with 3D Printer

- Auto meshing to watertight 3D data, providing high quality 3D data for 3D printer, which can be printed by 3D printer directly,
- Provide API access service for any brand 3D printers.



One Click Upload for Online File Saving and Data Sharing

- Support third-party data sharing platform for access service;
- One Click Upload for Online File Archiving and Data Sharing



Automatic Software

- Automatic calibration with no rigid set-up required;
- One-click scanning;
- Auto alignment and fusion for direct mesh generation;
- Multiple ways of alignment available in EinScan-SP: markers, turntable markers, feature and manual alignments;
- EinScan-SP provides a higher accuracy of 0.05mm for a single scan.



Safety in Use

- Visible white light, no laser, eyes secure for children.



EinScan-SE



EinScan-SP

The Next Step in the Evolution of Desktop 3D Scanners.

Multi-functional, Captured 3D Data Easier and Faster

- Dual scan modes: Auto Scan and Fixed Scan.
- Wide scan range from small to large.
- Scan in color, easy reconstruction of the real physics feature of an object.

Shining 3D Introduces the EinScan SE (Elite) and EinScan-SP (Platinum), with unique different specifications to meet most applications' requirement.

EinScan-SE, A Powerful Companion for Desktop 3D Printing Applications

The EinScan-SE is the next generation of EinScan-S with its new design and upgraded capacity. It is the easiest 3D scanning experience for non-technical users in mind, perfect for education, desktop 3D printing, etc.

- Time needed for a single scan: EinScan-SE 8 s;
- Time needed for a 360-degree scan under Automatic Scan mode: EinScan-SE 2 mins;
- Plug-and-play. Easy set-up, and more intelligent design
- Brand new integrated and smarter design, with a smaller footprint Modern "Black Pearl" color

EinScan-SP, Ensures Designers Access to a Fast, Accurate & Reliable 3D Digital Experience.

The EinScan-SP, offers upgraded functions to deliver high accurate data easily and quickly, making perfect to reverse design, animation, archiving, heritage preservation, CG & VR, etc.

- EinScan-SP provides a high accuracy of 0.05 mm for a single scan;
- Availability of multiple type of alignments in EinScan-SP: using markers, turntable markers, feature and manual alignments;
- Scan time of a single scan: EinScan-SP 4 s;
- Scan time for a 360-degree scan, under Automatic Scan mode: EinScan-SP 1 min;
- Bright silver color.



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