



EinScan-SE



EinScan-SP



EinScan-SE

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-SE 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 Saving and Sharing

- Support third-party data sharing platform for access service;
- Online Data saving and sharing now available to Sketchfab and 3DZAO (www.3dzaon.cn). Create your account on the platform, and sharing your data instantly.



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.

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

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. Industrial 3D optical three-dimensional measurement systems, based on structured light projection and capture on 2 stereo cameras.

- 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.



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 X 30 X 30 mm		30 X 30 X 30 mm	
Maximum Scan Volume	700x700x700mm	200x200x200mm	1200x1200x1200mm	200x200x200mm
Range of Single Capture	200 x 150 mm		200 x 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	Structured light projection with 2 stereo cameras		Structured light projection with 2 stereo cameras	
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 X USB 2.0 or 3.0	1 x 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	570X210X210 mm		570X210X210mm	
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	



HANGZHOU SHINING 3D TECH CO., LTD.

TEL : +86-571-82999050

Email : sales@shining3d.com

Address : No.1398 Xiangbin Road, Wenyan Street, Xiaoshan District, Hangzhou, China

Skype: einscan_support

WhatsApp: 13738029764

SupportEmail: einscan_support@shining3d.com

www.einscan.com www.shining3d.com



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