

## 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	



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

**EinScan-SE & EinScan-SP**  
Versatile, Easy & Fast, Fine Details



ArtSystems, Unit 10-12 Glaisdale Point, Glaisdale Parkway, Nottingham NG8 4GP  
Tel: 0115 9380 380 Email: sales@artsystems.co.uk www.artsystems.co.uk





EinScan-SE



EinScan-SP

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.



## 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.

