

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



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EinScan-SE



EinScan-SP

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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-S3 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.

