



**SHINING 3D<sup>®</sup>**

FOR MORE SHINING IDEAS

# EINSCAN-SE/SP DESKTOP 3D SCANNER



# MAXIMIZE THE SCANNING CAPABILITY ON YOUR DESKTOP



## FEATURES

### Wide scan range from small to large

Scanning with turntable by automatic scan or on tripod by manual are available according to the size of objects

### Easy operation, user-friendly workflow and faster scanning

One-click scanning  
Automatic calibration without rigid set-up

### Compatible with 3D printers

Auto meshing to watertight 3D data for 3D printing

### Fine detail

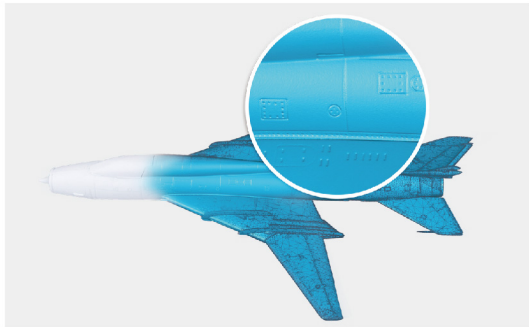
Reconstruct the geometry of the object with fine detail

### Safety in use

Visible white light, no laser, safe to human eyes

### Scan in color

Easy reconstruct 3D model of the physical objects with color texture



# EINSCAN DISCOVERY PACK

## For EinScan-SE&SP

Making representations of the world in 3D more colorful and accurate.

EinScan Discovery Pack enables users to get higher resolution 3D data in true-color and rich detail.

### True-color

24-bit true-color display

### High-definition camera

12.0 Megapixel color texture

### Rich detail

Scan data resolution reaches up to 3.0 Megapixel per single scan



### EinScan Discovery Pack

Point Distance	0.09-0.12 mm
Texture DPI	12.0 Megapixel
Features	Capture more vibrant color and rich detail
USB	USB 3.0
System Support	Only support Windows
Applicable Devices	EinScan-SE, EinScan-SP
Color Restoration Technology	Ultra-fine™ hardware ISP video processing engine

# EinScan-SE

A powerful companion for educators and individuals

- Provides simple 3D scanning experience for non-technical users
- Wide scan range from small to large
- Easy operation and a high price-to-performance ratio

# EinScan-SP

The expert choice with enhanced experience

- High accuracy better than 0.05mm based on precision calibration in an easy way
- Faster scanning speed
- Multiple align modes
- Make high-resolution 3D modeling accessible to professional users

Model	EinScan-SE	EinScan-SP
Scan Accuracy	0.1 mm (Single Shot Accuracy)	0.05 mm (Single Shot Accuracy)
Scan Speed (single scan time)	<8 s	<4 s
Scan Speed (turntable single lap time)	<2 min	<1 min
Maximum Scan Size	700×700×700 mm	1200×1200×1200 mm
<b>Align Mode</b>		
Manual	√	√
Feature	√	√
Turntable	√	√
Turntable Coded Targets	×	√
Markers	×	√

## APPLICATIONS



### Education

K12 education, vocational school, college and university



### Design & Art

High-quality 3D design, 3D printing applications, reverse engineering



### Digital Industry

Animation, CG, VR&AR



### Archiving and Sharing

3D digital archiving, data sharing

# TECHNICAL SPECIFICATIONS

## EINSCAN-SE

Model	EinScan-SE	
Scan Mode	Fixed Scan with Turntable	Fixed Scan without Turntable
Align Mode	Feature; Manual	Turntable; Manual
Scan Accuracy	≤0.1 mm (Single Shot Accuracy)	
Minimum Scan Volume	30 × 30 × 30 mm	
Maximum Scan Volume	700×700×700 mm	200×200×200 mm
Single Scan Range	200×150 mm	
Scan Speed	Single Scan <8 s	
Point Distance	0.17 mm ~ 0.2 mm	
Texture	Yes	
Output Format	OBJ, STL, ASC, PLY, 3MF	
Camera Resolution	1.3 Mega Pixels	
Light Source	White Light	
Working Distance	290 ~ 480 mm	
Computer Requirements (Required)	USB: 1 ×USB 2.0 or 3.0; OS: Win7, Win8, Win10 (64 bit) / Mac(OS 10.10.9 to 10.12.3) ; CPU: Dual-core i5; RAM: 8G	
Computer Requirements (Recommended)	Graphics card: Nvidia series; Graphics memory > 1G	
Net Weight	2.5 kg	
Calibration Board	Standard	
Turntable	Standard	
Turntable Loading Capacity	5 kg	

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

# TECHNICAL SPECIFICATIONS

## EINSCAN-SP

Model	EinScan-SP	
Scan Mode	Fixed Scan with Turntable	Fixed Scan without Turntable
Align Mode	Feature; Markers; Manual	Turntable, Markers, Manual, Turntable Coded Targets
Scan Accuracy	≤0.05 mm (Single Shot Accuracy)	
Minimum Scan Volume	30 × 30 × 30 mm	
Maximum Scan Volume	1200 × 1200 × 1200 mm	200 × 200 × 200 mm
Single Scan Range	200 × 150 mm	
Scan Speed	Single Scan < 4 s	
Point Distance	0.17 mm ~ 0.2 mm	
Texture	Yes	
Output Format	OBJ, STL, ASC, PLY, 3MF, P3	
Camera Resolution	1.3 Mega Pixels	
Light Source	White Light	
Working Distance	290 ~ 480 mm	
Computer Requirements (Required)	USB: 1 × USB 2.0 or 3.0; OS: Win7, Win8, Win10 (64 bit) / Mac(OS 10.10.9 to 10.12.3); CPU: Dual-core i5; RAM: 8G	
Computer Requirements (Recommended)	Graphics card: Nvidia series (GTX 660 or higher); Graphics memory > 2G; RAM: 16G	
Net Weight	4.2 kg	
Calibration Board	HD	
Turntable	Turntable with coded targets	
Turntable Loading Capacity	5 kg	

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