AFINIA 3D ™

EinScan-SP

EinScan-SE

◆ *Dual Scan Modes*
Auto and Fixed Scan

◆ *Wide Scan Range*
Scan Small to Large Objects

◆ *Faster Scanning*
Auto-Scan in under 2 Minutes

EinScan-SE & EinScan-SP

FAST, HIGHLY ACCURATE WHITE LIGHT 3D SCANNERS

The EinScan-SE (Elite) and SP (Platinum) desktop 3D scanners create printable 3D models with high accuracy for a range of creative 3D printing and designing applications. The SE (Elite) scanner is perfect for educators and home hobbyists with its ease of use. The SP (Platinum) is a fit for engineers and designers with its high accuracy at 0.05 mm, single scan speeds of four seconds, and full turntable scan speeds of less than two minutes.

Both scanners are price and performance leaders in their class.

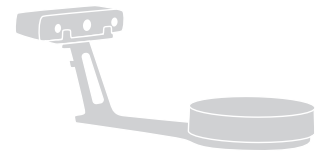Industrial Parts

Art Sculptures

Jewel Models

Creative Models

SHINING 3D ®
distributed by Afinia 3D

EINSCAN-SE & EINSCAN SP

High Accuracy
≤0.1mm accuracy with light phase shifting technology

Scan Small to Large
Scan items as small as 30x30x30mm. Automatic mode maximum scan size is larger than ever, at up to 1200x1200x1200mm

Faster than Ever
Automatic scan takes less than 2 minutes to complete. 3-4 times faster than similar desktop 3D scanners in the market with turnable scans

Simple to Use
Anyone can scan; it's easy, with just one "click"

Ready to Print
Digital models created by the EinScans are ready to be printed on a 3D printer such as the award-winning Afinia H480, H400, or H800+

Eye Safety Lighting
White light scanning is far safer than laser scanning. The white light is created by a projector very similar to those used in classrooms and offices

Portable
The EinScan-SE and SP are both lightweight and can be taken anywhere

EinScan 2.0 Software
Powerful and intuitive software interface

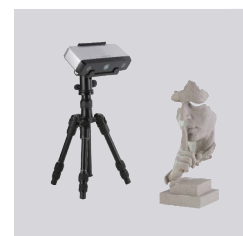*EinScan-SE Scan Head*

EinScan-SE

EinScan-SP

EinScan-SP Tripod Mode

EinScan-SP Turntable Mode

	EinScan-SE		EinScan-SP	
Scan Mode	Fixed Scan	Auto Scan	Fixed Scan	Auto Scan
Single Shot Accuracy	≤0.1mm		≤0.05mm	
Scan Speed	<8 sec	<2 min	<4 sec	<1 min
Min Scan Volume	30 x 30 x 30mm			
Max Scan Volume	700 x 700 x 700mm	200 x 200 x 200mm	1200 x 1200 x 1200mm	200 x 200 x 200mm
Range of Single Capture	200 x 150mm			
Alignment Mode	Feature, Manual	Turntable, Manual	Feature, Markers, Manual	Feature, Markers, Manual, Turntable Coded Targets
Max Scan Volume	No	Yes (with purchase of color pack)		
Point Distance	0.17–0.2mm			
Texture	Yes			
File Output	OBJ, STL, ASC, PLY			
Camera Resolution	1.3 Megapixels			
Stand-off Distance	290–480mm			
Weight (packed/unpacked)	2.5kg (5.5lbs) / 4.9kg (10.8lbs)		4.2kg (9.25lbs) / 7.0kg (15.4lbs)	
Dimensions	570x210x210mm			
Power Supply / Input Voltage	50w / DC: 12v, 3.33A			
Calibration Board	Standard		HD	
Turntable / Load Capacity	Standard / 5kg (11lbs)		Turntable with Markers / 5kg (11lbs)	

System Support:

Windows 7, Windows 8, Windows 10, 64-bit.

Minimum Computer Requirements:

Processor: Intel I5 CPU or higher
RAM: 8GB (SE) | 16GB (SP)
Free Hard Drive Space: 16GB
Graphics Card: Nvidia Series (SE)
Nvidia Series GTX 660 or higher (SP)
Graphics Memory: 1GB+ (SE) | 2GB+ (SP)

Scans can be 3D Printed on

H800 + H400 H480