SHINING 3D®

EINSTAR

3D Scanner

Go Ahead With Einstar

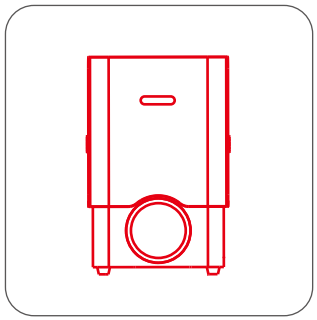
Shop Now Online:
www.einstar.com

Our mission at SHINING 3D is to make 3D technology accessible to everybody. EINSTAR is our most affordable 3D scanner ever! You can digitize the world around you like never before!
Einstar can easily capture stable and clear details at a fast pace with high quality data outputs. Start 3D scanning at ease today with

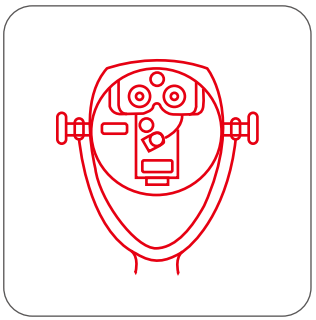
EINSTAR

Variety Applications

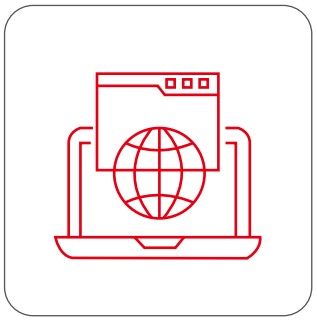
Support multiple data format outputs, compatible with 3D printers and 3D design softwares.



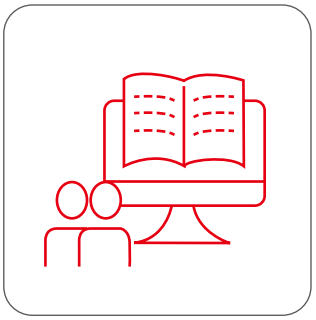
3D Printing



Designing

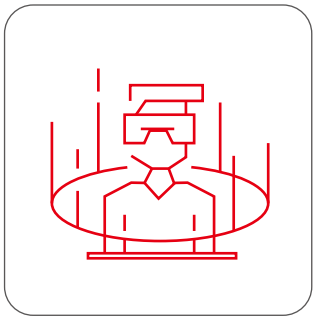


Digital Archiving



Education

Culture and Art



VR&AR

High Quality Data

Collect high density point cloud data fast and easily with point distance up to 0.1mm.

High Color Fidelity

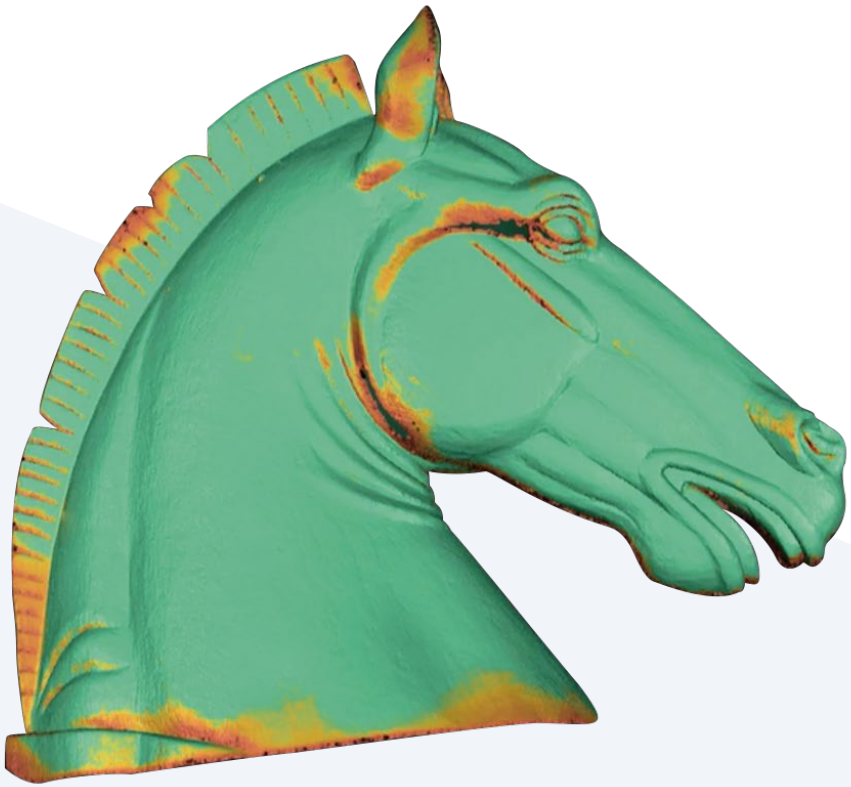
Benefit from built-in RGB color camera.
3D data with authentic colors.

3D Data Scanned with Einstar

Physical Object

Detail-oriented Enhancement Technology

Built-in detail enhancement technology optimizes the point cloud for complete data acquisition.



Green:
Adequate data amount

Yellow:
Incomplete data amount

Red:
Insufficient data amount

Data Quality Indicator:
Turn on to better guide the scanning and improve the data quality.

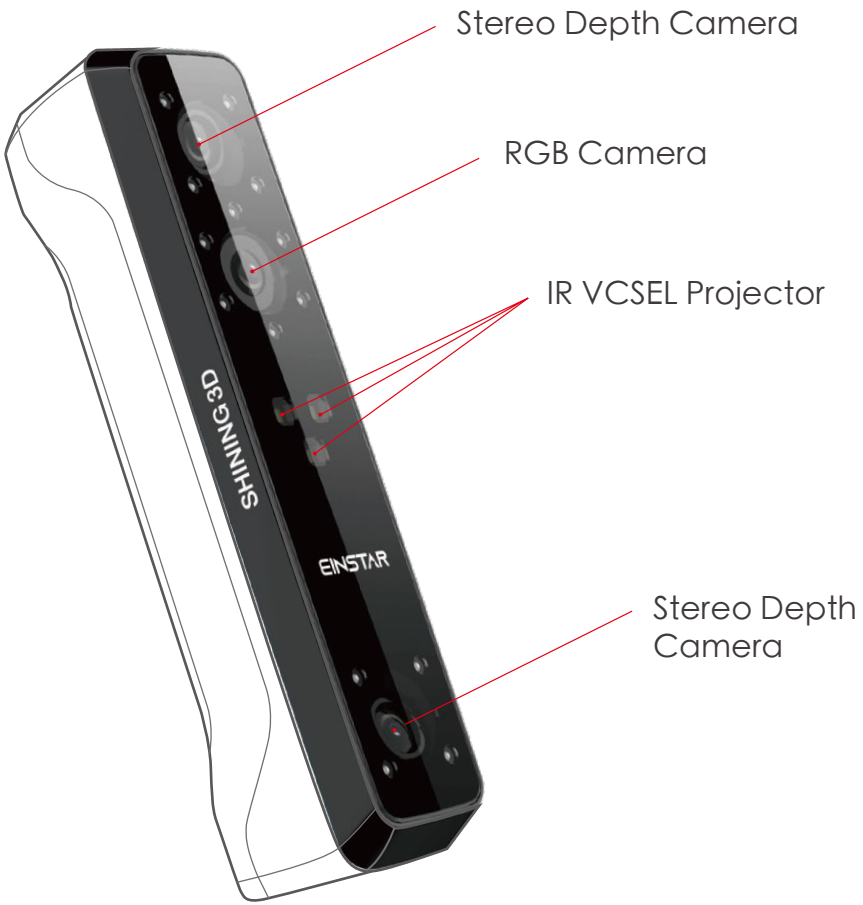
Streamlined User Experience

Smooth and fast, scanning speed up to 14 FPS.

- Smart tracking performance
- Automatic alignment
- Intelligent algorithm

Stable Outdoor Scanning

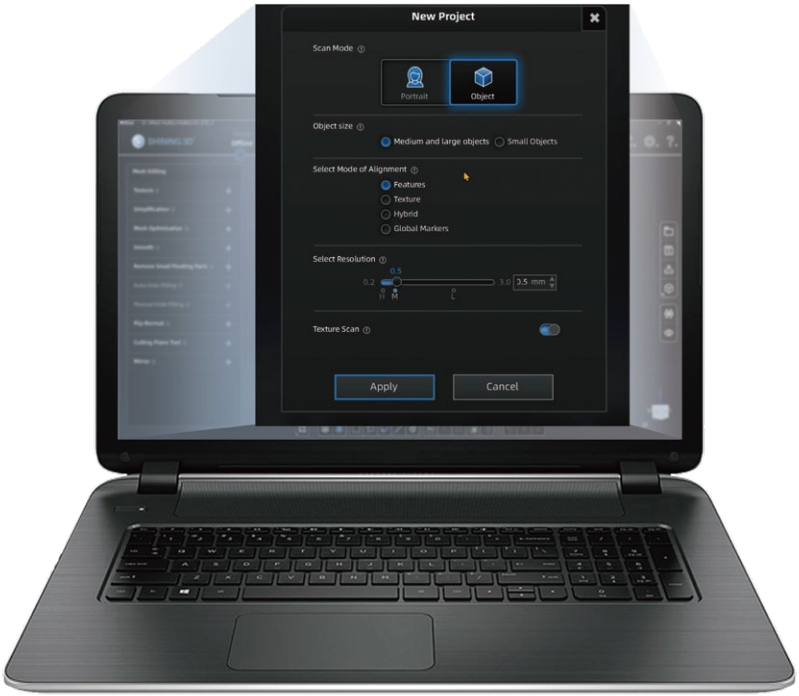
Equipped with 3 Infrared VCSEL Projectors, 2 Stereo Depth Cameras and 1 RGB Camera, Einstar can capture clear scan data and generate stable outputs outdoors.
Provide a flexible working distance for small and large objects.



SHINING 3D

Extremely Easy to Use

- Ergonomic design
- Only one USB cable for data transmission and power
- Clear and elegant workflow for scanning and post processing
- Easy to setup, plug and play



Friendly User Interface

Single USB cable,
easy to operate

Comfortable for Eyes, Easy to Scan Hair

- No projector light during scanning process.
- Comfortable and safe for eyes.
- Turning on "Hair Mode" to get sufficient hair data for human scan and improve the whole data completeness.

TECHNICAL SPECIFICATIONS

EINSTAR

Light Source	Infrared VCSEL structured light*
Point Distance	0.1 mm ~ 3 mm
Effective Working Distance	160 mm ~ 1400 mm
Optimal Working Distance	400 mm
FOV (under optimal work distance)	434 mm x 379 mm
Scan Rate	Up to 14 fps
Data Alignment Mode	Texture/ Feature/ Hybrid Alignment/ Global Markers*
Full Color Scanning	Yes
Outdoor Scanning	Yes
Output Formats	OBJ, STL, PLY, ASC, 3MF, P3
Scanner Weight	0.5 kg
Scanner Dimensions	220 mm x 46 mm x 55 mm
Carrying Case Dimensions	245 mm x 245 mm x 90 mm
Interface	USB 2.0 or above
Supported OS	Windows 10/11 64-bit

*Einstar infrared light source, certificated as Class 1 laser product, is safe under all conditions of normal use.
*Global Markers alignment is only available in Object Scan Mode

@einstar3d

Einstar-EN 20220914-V1.2