SHINING 3D

EINSTAR EZ GO

Your First AI-Powered Mobile 3D Scan-to-Create Partner

Start Here. Start Easy

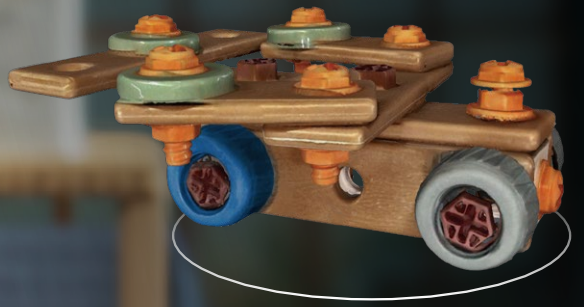


Beginner-Friendly | Mobile | AI-Powered

EINSTAR EZ GO

Your First AI-Powered Mobile 3D Scan-to-Create Partner

EINSTAR EZ GO lets you easily capture real-world objects as ready-to-use 3D data for measurement, digital preservation, design and creation. Its refined, eye-safe optical system integrates 15+15 crossed laser lines, a single laser line and a VCSEL projector, to deliver scanning speeds up to 60 fps. You can also use a motorized turntable for hands-free 360° scanning. Simply pair the scanner with your phone to start scanning wirelessly. Marker-free scanning, real-time target extraction and AI tracking algorithms make scanning far more approachable for beginners. EZ GO's cloud-powered 3D Gaussian Splatting (3DGS) combines multi-view image data with geometric guidance from high-quality 3D scans to deliver lifelike 3D models while reducing reliance on local hardware. Broad compatibility with common 3D file formats streamlines your entire scan-to-create workflow.



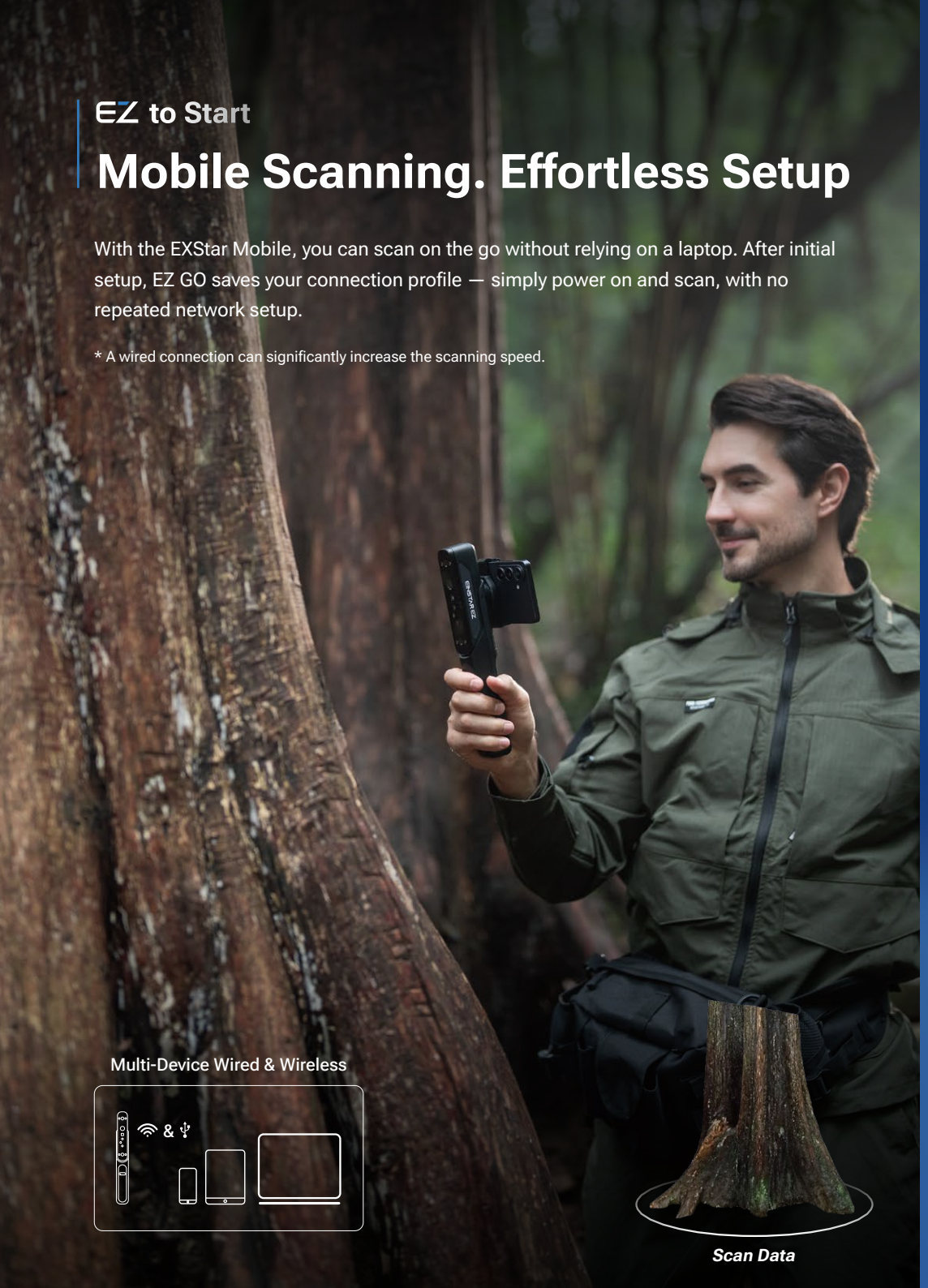
Scan Data

EZ to Start

Mobile Scanning. Effortless Setup

With the EXStar Mobile, you can scan on the go without relying on a laptop. After initial setup, EZ GO saves your connection profile — simply power on and scan, with no repeated network setup.

* A wired connection can significantly increase the scanning speed.



Multi-Device Wired & Wireless

Scan Data

EZ to Handle

Designed for Handheld Scanning

1.3 MP Depth Cameras × 2

2 MP Texture Camera × 1

VCSEL Projector

15+15 Crossed Laser Line Projector

Single Line Projector

Class 1

Laser Eye-Safe



Battery-Powered Handheld Grip

5400 mAh

Battery Capacity

2 h

Up to 2 Hours of Scanning

EZ to Capture More

Built for Diverse Needs

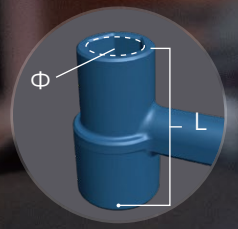
Both the Class 1 laser and infrared light are eye-safe for regular use. Designed for outdoor scanning, its built-in dual-channel optical filtering supports scanning in bright light up to 80,000 lux — no extra filter needed.



Scan Data

15+15 Crossed Laser Lines for High Efficiency

Fast large-area scanning, stable tracking, less rework.



Single-Line Laser for Deep Holes

Capture fine details in deep holes, grooves, and recesses, with support for a depth-to-diameter ratio of up to 4:1.

VCSEL Infrared for Versatile Scanning

Non-contact scan for human body and sculptures.

Super-Hybrid Alignment, More Flexibility

IR Mode: Feature / Marker / Hybrid / Texture / Global Markers

Laser Mode: Feature / Marker / Hybrid / Global Markers

EZ to Effortless Scanning

Marker-Free Scanning

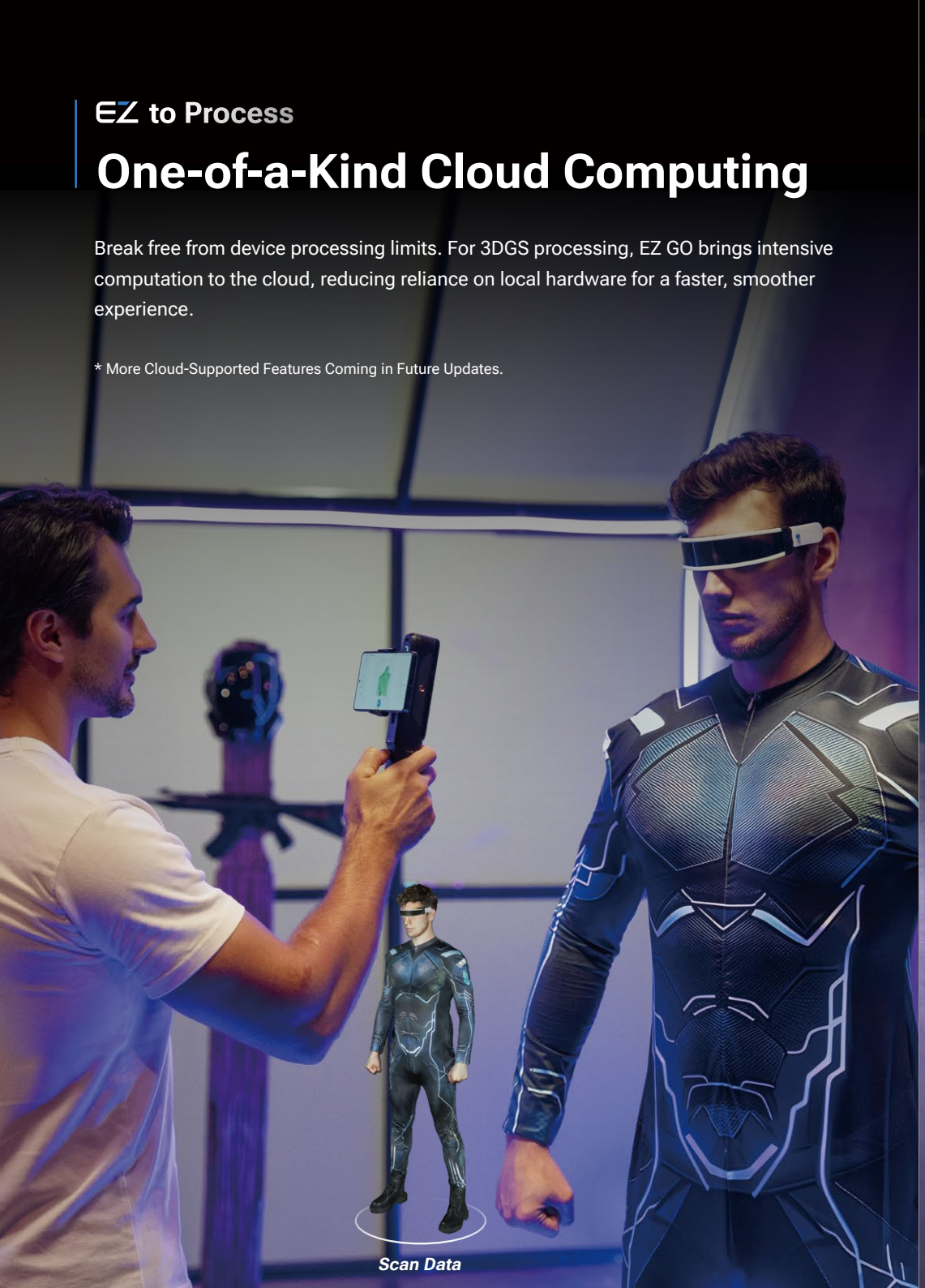
Marker-free scanning in both laser and IR modes reduces setup time and improves scanning efficiency. Laser marker-free scanning captures feature-rich surfaces, grooves and fine details. IR mode handles large flat surfaces with few distinctive features, sculptures, household objects and the human body.

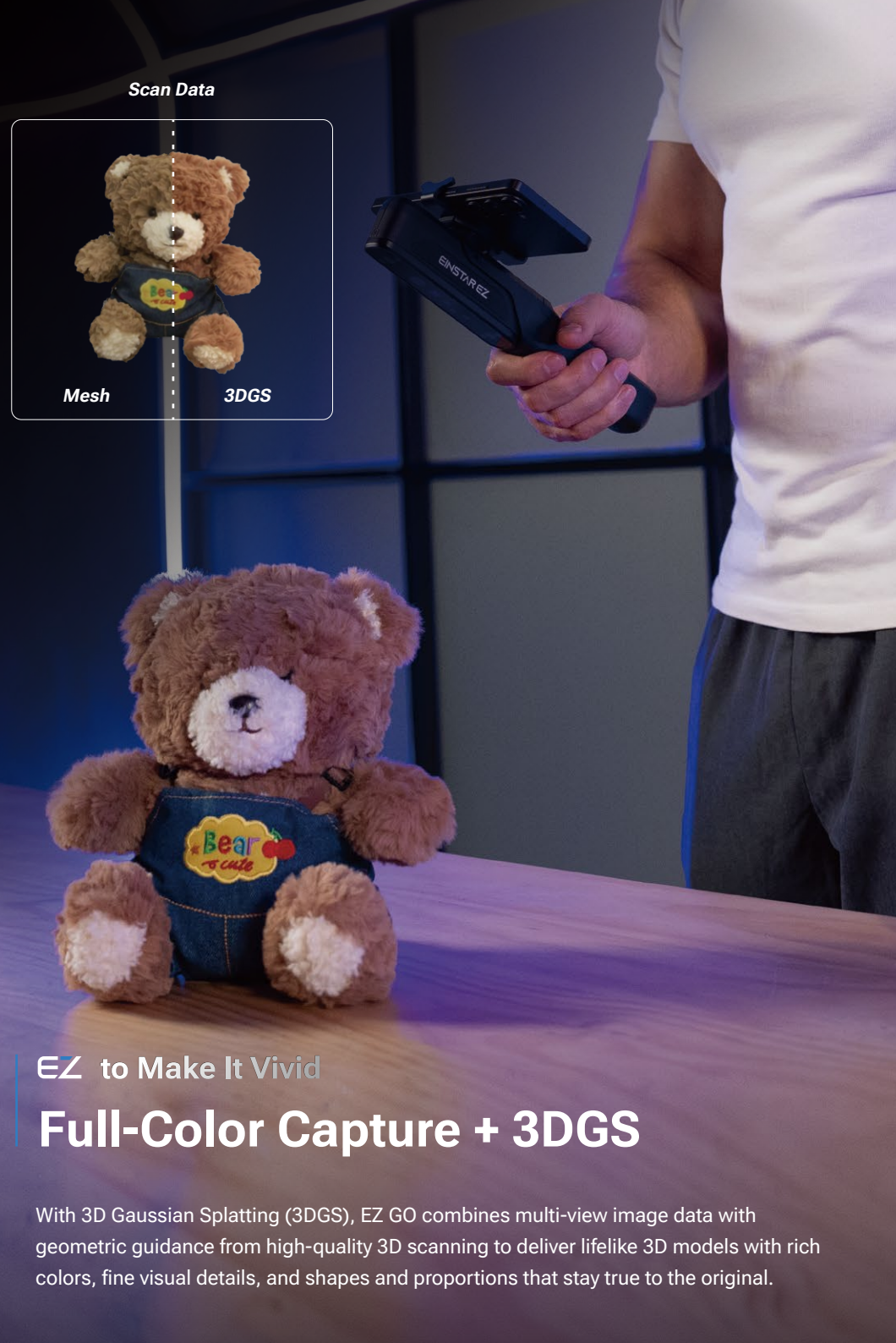
EZ to Process

One-of-a-Kind Cloud Computing

Break free from device processing limits. For 3DGS processing, EZ GO brings intensive computation to the cloud, reducing reliance on local hardware for a faster, smoother experience.

* More Cloud-Supported Features Coming in Future Updates.





EZ to Make It Vivid

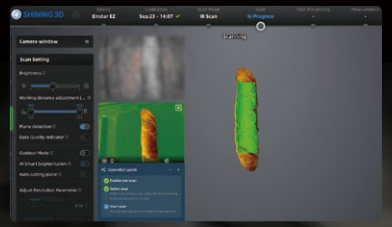
Full-Color Capture + 3DGS

With 3D Gaussian Splatting (3DGS), EZ GO combines multi-view image data with geometric guidance from high-quality 3D scanning to deliver lifelike 3D models with rich colors, fine visual details, and shapes and proportions that stay true to the original.

EZ to Scan with AI

Real-Time Target Extraction From The Background

AI extracts objects from their surroundings while scanning. It automatically detects your target object's outline or removes backgrounds. Reduce manual work and streamline post-processing.



EZ to Scan with AI

AI Tracking Algorithm for Smoother Scanning

AI tracking algorithm adaptively optimizes feature recognition, localization, and tracking strategies based on the object and real-time motion, helping you scan faster while reducing tracking loss, misalignment, and accumulated drift—for fewer interruptions, less rework, and an easier path to complete models, even for beginners.

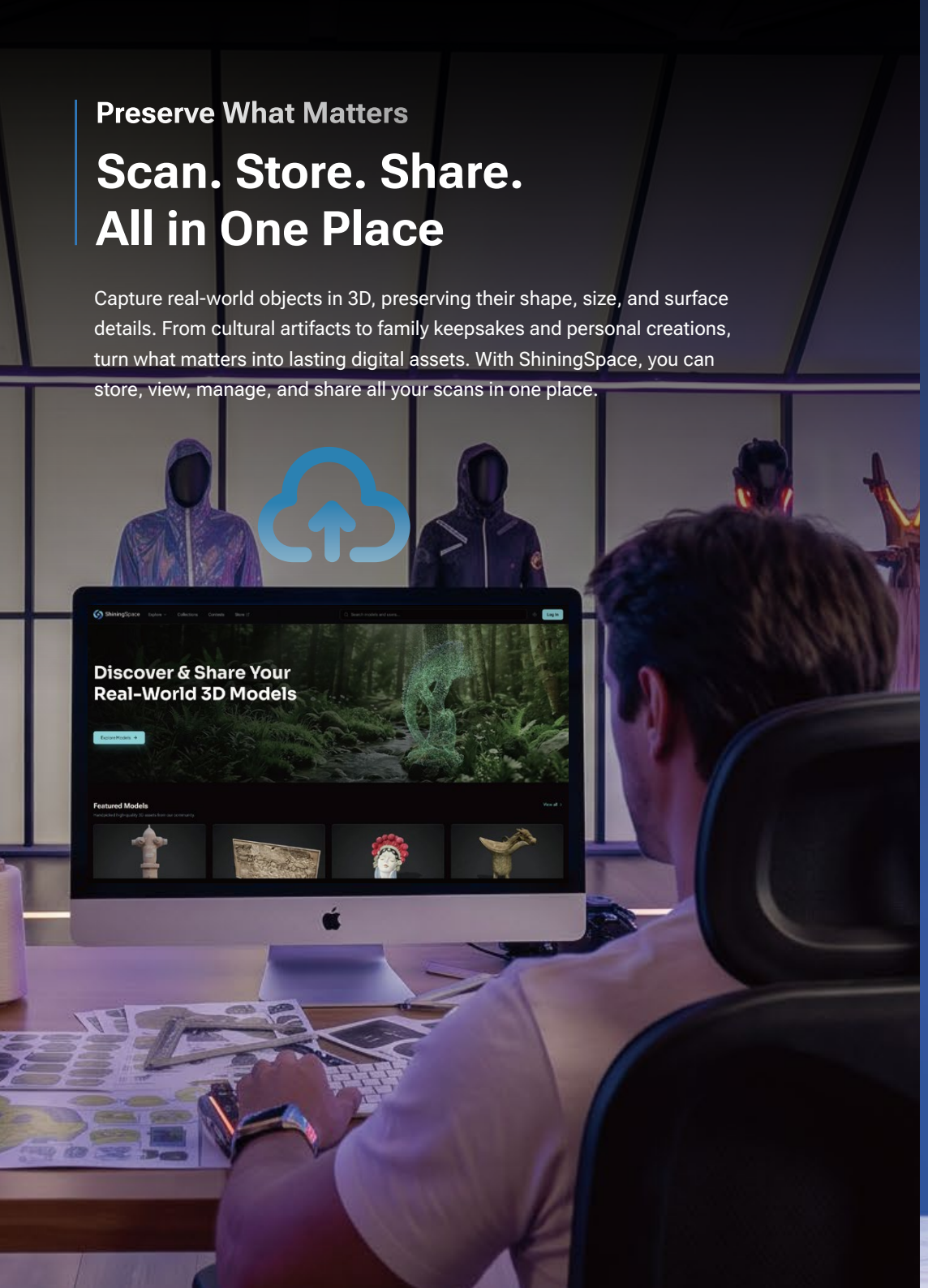


Scan Data

Preserve What Matters

Scan. Store. Share. All in One Place

Capture real-world objects in 3D, preserving their shape, size, and surface details. From cultural artifacts to family keepsakes and personal creations, turn what matters into lasting digital assets. With ShiningSpace, you can store, view, manage, and share all your scans in one place.

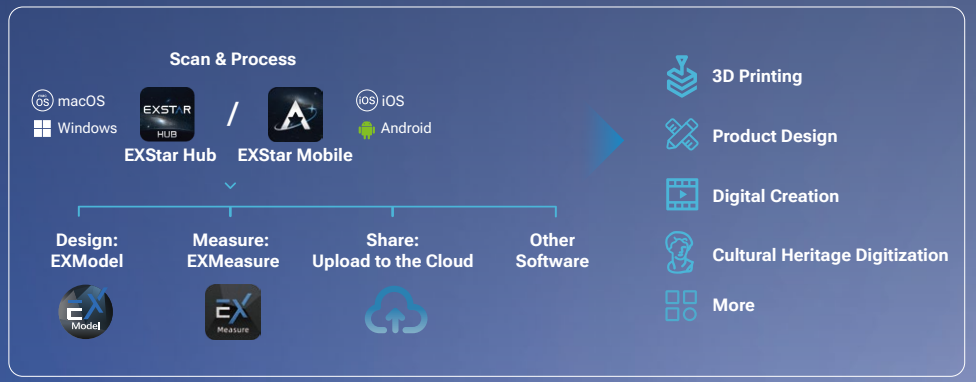


EZ to Integrate

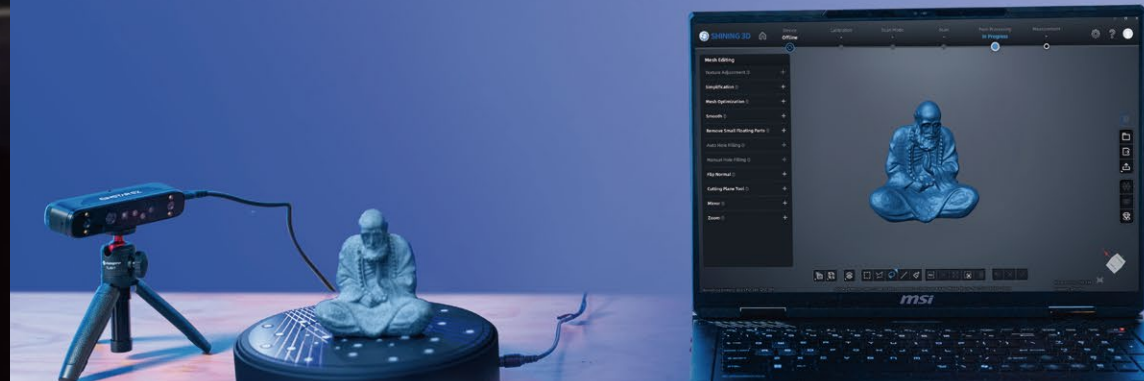
From Scan to Create

With support for a wide range of 3D data formats, EZ GO makes it easy to bring scanned data into reverse engineering, modeling, design, and 3D printing workflows, with integrated access to EXModel for even smoother reverse engineering.

EXStar Mobile is the official app for EINSTAR Series 3D scanners. Pair your scanner with your phone for smooth, portable scanning with stable tracking—anytime, anywhere. Scan, process, and manage 3D projects directly on your phone, without a computer. Upload models to the cloud to build your personal 3D collection and share your creations with ease.



EXStar Hub is EINSTAR's official desktop software, compatible with EINSTAR 2, Rockit, and EZ GO 3D scanners. It offers real-time scan visualization, AI-powered tracking algorithms for stable, high-quality data capture, and intuitive post-processing tools, making the entire 3D scanning workflow smoother and more efficient.



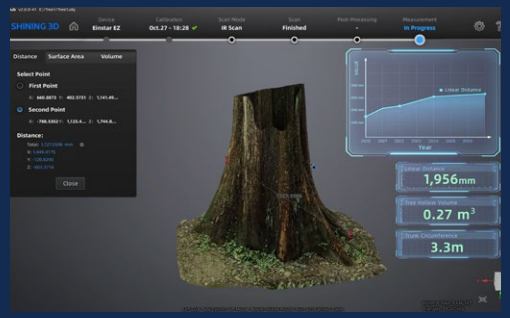
Application



Bring Ideas to Life
Creativity Unbound



Digital Preservation
Safeguard Cultural Heritage

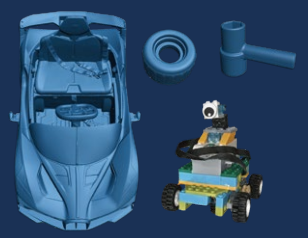


Measure
Irregular Object Measurement



STEM Education
For All Ages

- Creative Product Design
- Digital Asset Creation
- Game & Film Design







SPECIFICATIONS

	EINSTAR EZ GO	
Work Mode	Laser HD	IR Rapid
Light Source	Blue Laser: 15 + 15 Crossed Lines Single Line	IR VCSEL
Resolution	0.05 mm ~ 10 mm	0.2 mm ~ 10 mm
Scanning Speed	1,150,000 Points / s	6,550,000 Points / s
Working Distance	160 ~ 550 mm	160~800 mm
Alignment Mode	Marker / Feature / Hybrid / Global Markers	Marker/ Feature / Hybrid / Texture / Global Markers
FOV	140 × 110 mm @ 160 mm 450 × 500 mm @ 550 mm	140 × 110 mm @ 160 mm 610 x 660 mm @ 800 mm
Cameras	1.3 MP Depth Cameras * 2; 2 MP Texture Camera * 1	
Output Formats	STL, OBJ, PLY, 3MF, ASC	
Laser Class	Class 1	/
Outdoor Scanning Environment	Up to 80,000 Lux	
Operation Conditions	Temperature: -10 ℃ ~ 40 ℃	
Power Source	Battery Life: Up to 2 Hours	
Certification	CE, FCC, RoHS, WEEE, FDA, SRRC, IP50	
Interface	EZ(Scanner): Wi-Fi 6; USB Type-C * 1; Go(Grip) : USB Type-C * 2	
Dimension	EZ(Scanner): 126 mm × 30 mm × 37 mm; Go(Grip) : 204 mm × 33 mm × 44 mm	
Net Weight	EZ(Scanner): 125 g; Go(Grip) :163 g	

Requirements		**Phone**	**Tablet**	**Laptop**
	Android / Windows	**Recommended Configuration** Chipset: Qualcomm Snapdragon 8 Gen 4 or above OS: Android 15.0 or later Memory: 12GB RAM or above **Minimum Configuration** Chipset: Qualcomm Snapdragon 8 Gen 2 or above OS: Android 15.0 or later Memory: 8GB RAM or above		**Windows** OS: Win11 (64-bit); GPU: NVIDIA GeForce RTX 3060 Laptop GPU or above; VRAM: 6 GB or above; Recommended RAM: 64 GB or above, DDR5 dual-channel; Minimum RAM: 32 GB, DDR5 Dual-Channel; Interface: USB 3.0; Processor: 13th Gen Intel® Core™ i7-13700H or above
	Apple	**Recommended Configuration** Chipset: A17 Pro or above; OS: iOS 26 or later; Memory: 8GB RAM or above **Minimum Configuration** Chipset: A15 or above; OS: iOS 26 or later; Memory: 6GB RAM or above	**Recommended Configuration** Chipset: ipad Air/Pro M2 or above; OS: iOS 26 or later; Memory: 8GB RAM or above **Minimum Configuration** Chipset: ipad A16 or above; ipad mini A17 Pro or above; iPad Air/Pro M1 or above; OS: iOS 26 or later; Memory: 6GB RAM or above	**Recommended Configuration** OS: Tahoe 26.2; CPU: M1 Max / M1 Ultra / M2 Max / M2 Ultra / M3 Pro / M3 Max / M3 Ultra / M4 Pro / M4 Max/ M5; RAM: 16 GB or above. **Minimum Configuration** OS: Tahoe 26.2; CPU: M1 Pro / M2 Pro / M3 / M4 / M5; RAM: 16GB or above

Follow us on

Facebook

Instagram

Youtube

Community

Amazon

Web-Einstar

SHINING 3D Tech Co., Ltd.

Hangzhou, China
P: +86-571-82999050
No. 1398, Xiangbin Road, Wenyan, Xiaoshan,
Hangzhou, Zhejiang, China, 311258

Hong Kong, China
P: +852 2334 8468
Flat 303B, 3/F, Tower 2, Enterprise Square 1, 9
Sheung Yuet Road, Kowloon Bay, KLN, HK, China

SHINING 3D Technology Inc.

California, USA
P: +1(888) 597-5655
2450 Alvarado St #7, San Leandro, CA 94577

Florida, USA
2807 W Busch Blvd, Suite 200, Tampa, FL 33618

SHINING 3D Technology GmbH

Stuttgart, Germany
P: +49-711-28444089
Breitwiesenstraße 28, 70565, Stuttgart, Germany

Barcelona, Spain
Calle 27, 10-16, Sector BZ, 08040 Barcelona, Spain

SHINING 3D Technology Japan Inc.

Tokyo, Japan
P: + 03-6380-7622
Tradepia Odaiba, 2-3-1 Daiba, Minato-ku, Tokyo