

EinScan *Rigil*

The All-In-One Laser 3D Scanner

Real

- 0.05mm** high resolution
- 5MP** full color laser scanning
- 0.04mm** +0.06mm/m volumetric accuracy

Robust

- 38** (19 *2)cross laser lines for high efficiency scanning
- 7** parallel laser lines for fine details

VCESL Infrared for wider range and large-scale

-  **6.4"** 2K AMOLED Touchscreen
-  **1T** SSD ROM; **32GB** DDR5 RAM
-  **Wi-Fi 6**
-  **6000mAh*2** replaceable batteries

Rapid

0 Marker
Marker-free laser scanning mode

2 Wireless Scanning Mode
 Standalone **50 FPS** >>  PC-Boosted **70 FPS**

4 Million+ Points/s
Scanning Speed



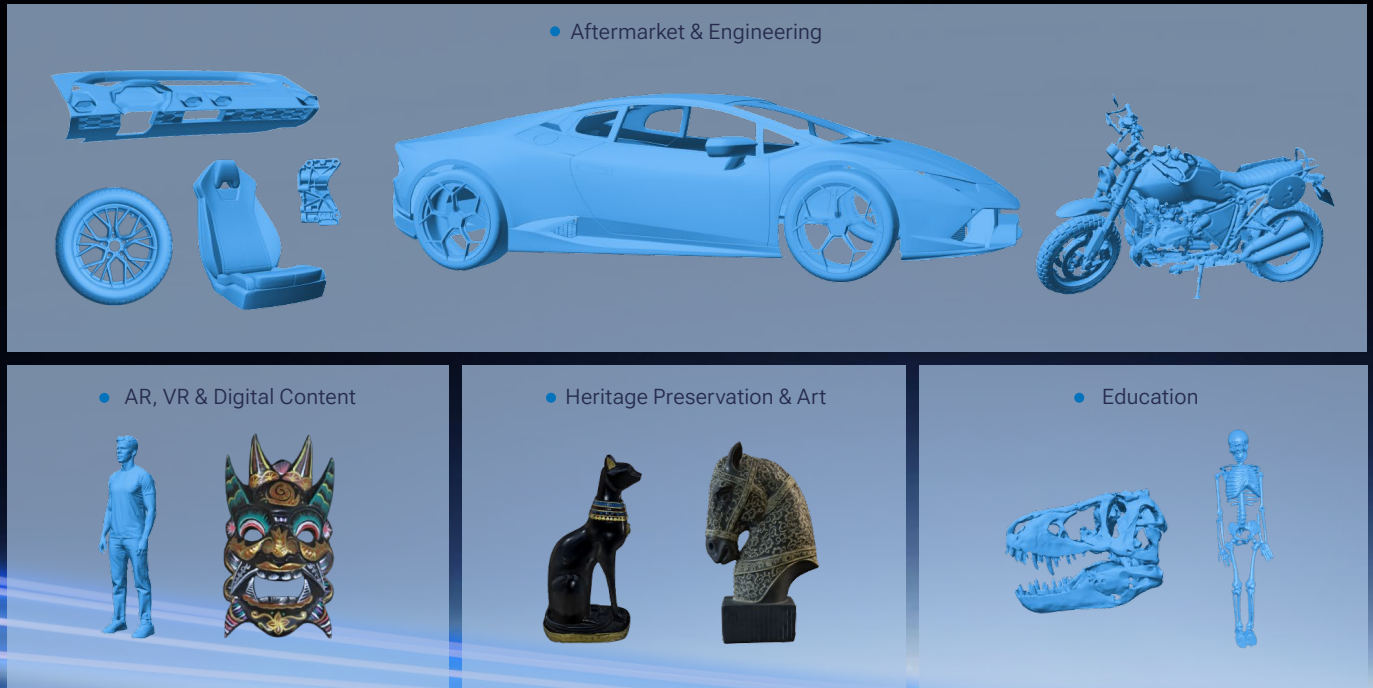
Wireless

Hybrid Light

Built-in computing



Applications



Specification

EinScan Rigil			
Work Mode		Wireless Standalone For extra computing resource: PC- Wireless / PC-Wired	
Scan Mode	Laser HD		IR Rapid
Light Source	38 Blue Laser Cross Lines	7 Blue Laser Parallel Lines	IR VCSEL
Resolution	0.05 - 10 mm		0.2 - 10 mm
Scanning Speed	4377600 points/s	940800 points/s	1600000 points/s
Working Distance	170 - 550 mm		160 - 1500 mm
Alignment Mode	Global Marker / Markers / Features / Hybrid		Global Marker / Markers / Features / Texture / Hybrid
Volumetric Accuracy	0.04 + 0.06 mm/ m		0.1mm+0.3mm/m
Camera Resolution	3D: 2.3MP*2 1.3MP*2; Texture: 5MP		
Output Formats	STL、OBJ、PLY、3MF、ASC		
Laser Class	Class 2		/
Hardware	CPU: 8 core, 2.4GHz; RAM: 32GB LRDDR4; Hard Drive: 1T SSD ROM; 32GB DDR5 RAM; 6.4"2K AMOLED Touch Screen		
Operation Conditions	Temperature -10°C-40°C		
Certifications	CE, FCC, ROHS, WEEE, FDA, SRRC, IP50		
Recommended Configurations for PC	Win10/11, 64 bit; Graphics card: NVIDIA GTX1060; Video memory: ≥6GB; Processor: I7- 11800H; Memory: ≥32GB		
Interface & Power Source	USB Type-C Battery: 6000mA*2; Support 60W-PD3.0 Charger		
Dimension	(H*D*W) 233 × 180 × 72.8 mm		
Net Weight	870g (batteries included)		



SHINING 3D Website



EinScan Community



Official Online-store

SHINING 3D Tech Co., Ltd.

① Hangzhou, China
P: +86-571-82999050
No. 1398, Xiangbin Road, Wenyan, Xiaoshan,
Hangzhou, Zhejiang, China, 311258

② 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 GmbH

③ Stuttgart, Germany
P: +49-711-28444089
Breitwiesenstraße 28, 70565, Stuttgart, Germany

SHINING 3D Technology Inc.

④ San Leandro, United States
P: +1(888) 597-5655
2450 Alvarado St #7, San Leandro, CA 94577
⑤ Tampa, United States
2807 W Busch Blvd, Suite 200, Tampa, FL 33618