

TECHNICAL SPECIFICATIONS

EinScan H2

Scan Mode	White Light Mode	IR Mode
Light Source	White LED Light, Visible	Infrared VCSEL Light, Invisible
Scan Accuracy	Up to 0.05mm	Up to 0.15mm
Volumetric Accuracy	0.05mm+0.1mm/m	0.15mm+0.3mm/m
Point Distance	0.2mm–3mm	
Best Working Distance	470mm	
Effective working Distance Range	200mm–700mm	200mm–1500mm
Maximum FOV	420mm*440mm	780mm*900mm
Scan Speed	1,200,000points/s	1,060,000points/s
Texture Resolution	5MP	
Align Modes	Markers Alignment, Feature Alignment, Hybrid Alignment, Texture Alignment	Feature Alignment, Hybrid Alignment, Texture Alignment, Global Markers
Safety	LED light (eye-safe)	CLASS I (eye-safe)
Built-in Color Camera	Yes	
Texture Scan	Yes	
Software Included	EXScanH; Solid Edge SHINING 3D Edition	
Output Formats	OBJ, STL, ASC, PLY, P3, 3MF	
Size	108 mm*110 mm*237 mm	
Scanner Body Weight	731.1 g	
Operating Temperature Range	0° C ~ 40° C	
Operating Humidity Range	10% RH ~ 90% RH	
Certifications	CE, FCC, ROHS, WEEE, KC	
Interface	USB 3.0	
Input Voltage	DC: 12 V, 5.0 A	
Recommended Configuration	OS: Win10/11, 64-bit; Graphics card: NVIDIA GTX/RTX, RTX2060 or better; Video memory: ≥6GB; Processor: Intel I7–11700 or better; Memory: ≥64GB	
Required Configuration	OS: Win10, 64-bit; Graphics card: NVIDIA GTX1060; Video memory: ≥4GB; Processor: Intel I7–8700; Memory: ≥16GB	

EinScan H2-EN 20230707-V0.7