TECHNICAL SPECIFICATIONS
EinScan HX

Scan Mode	Rapid Scan	Laser Scan
Scan Accuracy	Up to 0.05mm	Up to 0.04mm
Volumetric Accuracy*	0.05+0.1mm/m	0.04+0.06mm/m
Scan Speed	1,200,000 points/s 20FPS	480,000 points/s 55FPS
Camera Frame Rate	55FPS	55FPS
Align Mode	Feature Alignment, Markers Alignment, Texture Alignment, Hybrid Alignment	Markers Alignment
Working Distance	470mm	470mm
Depth of Field	200mm–700mm	350mm–610mm
Max FOV	420mm*440mm	380mm*400mm
Point Distance	0.25mm – 3mm	0.05mm–3mm
Light Source	Blue LED	7 Blue Laser Crosses
Safety	Eye–safe	Class I（Eye–safe）
Built–in Color Camera	Yes	
Texture Scan	Yes	No
Connection Standard	USB3.0	
Output Formats	OBJ; STL; ASC; PLY; P3 ; 3MF	
Dimensions	108mmx110mmx237mm	
Weight	710g	
Certifications	CE，FCC，ROHS，WEEE，KC	
Recommended Configuration	OS：Win10，64 bit；Graphics card：NVIDIA GTX1080 and higher；Video memory：≥4G；Processor：I7-8700；Memory：≥32GB	

* Volumetric accuracy refers to the relationship between 3D data accuracy and object size; the accuracy is reduced by 0.1mm（rapid scan)/0.06mm(laser scan) per 100cm.The conclusion is obtained by measuring the center of sphere under marker alignment.

SHINING 3D®   www.einscan.com   sales@shining3d.com