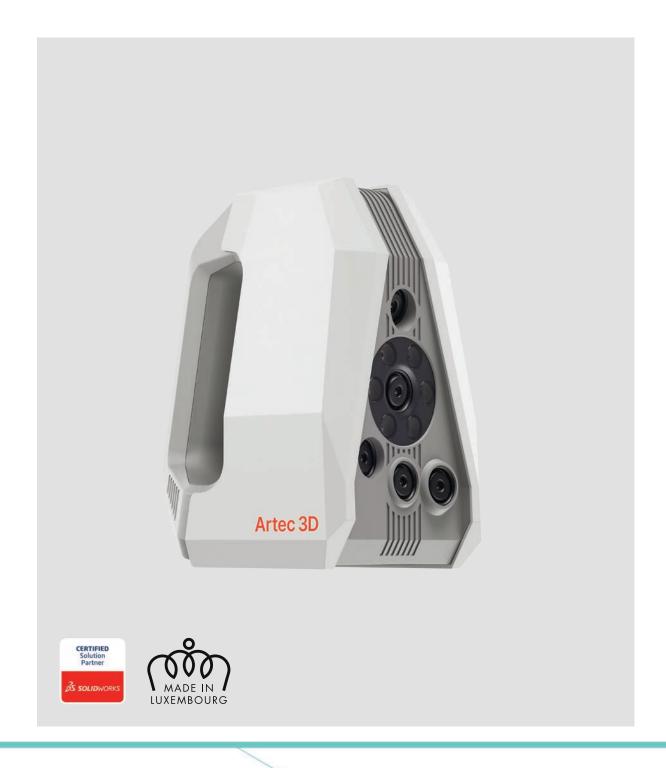
Artec Spider II

Artec 3D

Ultra-high resolution target-free handheld 3D scanner





Artec Spider II Specifications



Resolution & accuracy	
Resolution, up to	0.05 mm
Accuracy, up to	0.05 mm
3D accuracy over distance, up to	0.05 mm + 0.3 mm/m
Scanning range	
Size of scanning object/area	S-M
Working distance	0.19 – 0.3 m
Volume capture zone	1,800 cm ³
Linear field of view H×W @ closest range	128 × 104 mm
Linear field of view H×W @ furthest range	171 × 152 mm
Depth of field	110 cm
Speed	
3D reconstruction rate for real-time fusion, up to	30 fps
Data acquisition speed, up to	8 mln points/s
Scanning algorithms	
Target-free technology	Yes
Hybrid geometry and texture tracking	Yes
Texture	
Texture resolution	5 MP
Colors	24 bpp

Hardware	
Scanner type	Handheld
Power source	AC / DC power adapter, DC 24V
Interface	Thunderbolt 3, compatible with Thunderbolt 4 hosts
3D structured-light source	450 nm LED
Texture illumination source	White LED CRI > 95, color temperature 4000 K
Dimensions HxDxW	187 × 156 × 118 mm
Weight	0.95 kg / 2.1 lbs
Warranty	2 years
Compatibility	
Supported OS	Windows 10 (x64), Windows 11
Recommended computer parameters	13th or 14th Gen Intel Core i7 or i9 processors, RTX 4070 8 GB
Minimum computer requirements	12th Gen Intel Core i9 processor, RTX 4060 8 GB
Output formats	
3D mesh	OBJ, PLY, WRL, STL, AOP, ASC, PTX, E57, XYZRGB
CAD	STEP, IGES, X_T
Measurements	CSV, DXF, XML

Artec Spider II is a new product, and as with all Artec products, we are continuously working to improve and enhance its performance. This ongoing development may over time lead to updates or changes in the scanner's specifications. Artec 3D reserves the right to update these specifications as we enhance the scanner's capabilities and scan quality. If any significant updates occur, customers will be promptly notified.

