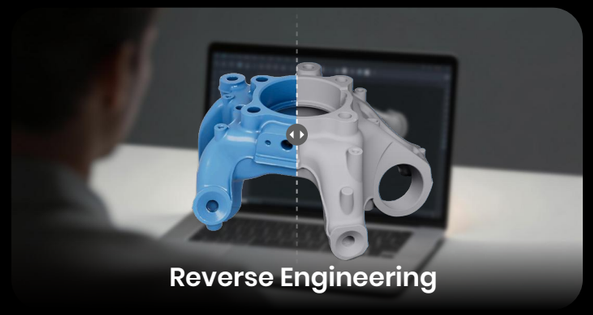
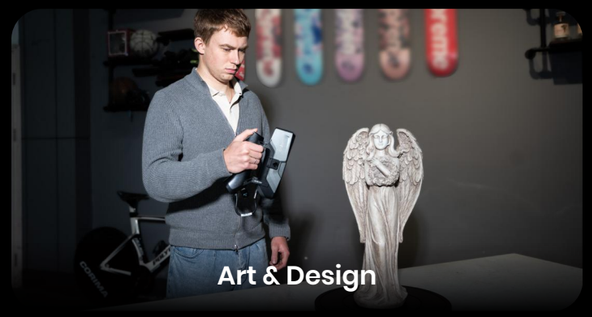
Applications









3DeVOK MT Gen2 Technical Parameter				
Light Source	34 Cross Blue Laser Lines	11 Parallel Blue Laser Lines	1 Single Blue Laser Line	Infrared VCSEL Structured Light
Safety of Lasers	Class II (Eye-safe)			Class I (Eye-safe)
Basic Accuracy*	Up to 0.03 mm			
Volumetric Accuracy*	Up to 0.03 mm + 0.04 mm/m			
Point Distance	0.1 mm	0.05 mm	0.1 mm	0.2 mm
Alignment Mode	Hybrid, marker, texture, and feature alignment			Hybrid, texture, and feature alignment
Ability to Capture Texture	Yes			
Maximum Scan Distance	1,000 mm	295 mm	600 mm	1,500 mm
Focus Distance	325 mm	210 mm	325 mm	400 mm
Field of View*	140 mm × 140 mm - 490 mm × 490 mm*			50 mm × 75 mm - 1,100 mm × 1,000 mm
Scanning Frame	Up to 80 fps			Up to 30 fps
Scanning Speed	Up to 3,300,000 Points/s			Up to 4,500,000 Points/s
Output Formats	*.obj, *.stl, *ply, *.asc, *.mk2, *.txt, *.epj. *.apj, *.spj, *.map, *.sk			
Operating Conditions	0–40 °C, 10%–90% RH (non-condensing)			
Interface	Support USB 3.0 wired and Wi-Fi 6 wireless transfer (Airgo wireless handle sold separately)			
Scanner Dimensions & Weight	Dimensions: 215 mm × 73 mm× 53 mm; Weight: 620 g			
Power Source	DC: 12 V, 5.0 A			
Certifications	CE-EMC, FCC, RoHS, IEC 60825, IEC 62471, WEEE, KC			
Recommended Configurations for PC	OS: Win10/Win11, 64-bit; CPU: i7-13650HX and above; RAM: 32GB and above; Graphic Card: NVIDIA discrete graphics card, NVIDIA RTX3060 and above; Graphics memory: 6GB and above			

*Cross Blue Laser Lines
*Accuracy statement: Laboratory theoretical accuracy tested; each unit comes standard with a calibration certificate.

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SCANTECH (HANGZHOU) CO., LTD. (HQ) STAR Market Stock Code: 688583

3DeVOK, a brand under SCANOLOGY, specializes in 3D digital applications beyond the industrial sector. Covering areas such as reverse engineering, cultural heritage, and medical fields, 3DeVOK empowers users to unlock the full potential of 3D tools, driving innovation and efficiency.

SCANOLOGY, a global leader in 3D vision digital solutions, focuses on industrial 3D inspection applications. With high-precision, portable, and intelligent products SCANOLOGY serves industries such as aerospace, automotive manufacturing, and engineering machinery.

iad@3d-scantech.com www.3devok.com

SCANOLOGY 3DeVOK

High-Precision Handheld 3D Scanner

3DeVOK MT Gen2

Quad-Light, Unlimited Precision

Upgraded System Performance

Accuracy up to 0.03 mm, resolution up to 0.05 mm, frame up to 80 fps.

Professional-Grade Software

Marker pre-scan for higher accuracy, supporting thin-wall alignment and dual point-cloud merging.

3DeVOK MT Gen2 integrates SCANOLOGY's industrial-grade DNA with upgraded optics and algorithms. It is engineered for reverse engineering, automotive customization, and 3D inspection. Efficiently scans multi-size, multi-material parts, providing reliable data for complex and large objects and streamlining digital design-to-manufacturing workflows.



High-Precision Handheld 3D Scanner
MT Gen2

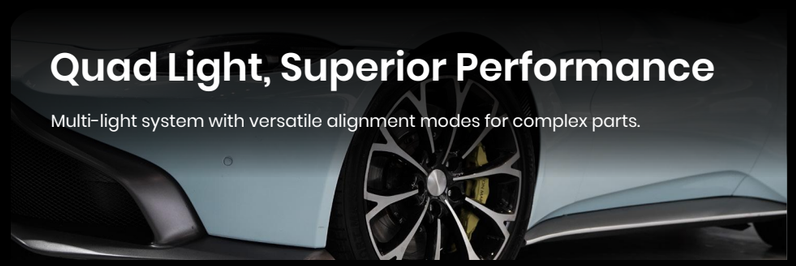


International Certificate

Certified to multiple international standards (CE-EMC, FCC, RoHS, etc.). Every 3DeVOK MT Gen2 is supplied with a factory calibration certificate — dual authoritative validation for consistent, dependable measurement accuracy.

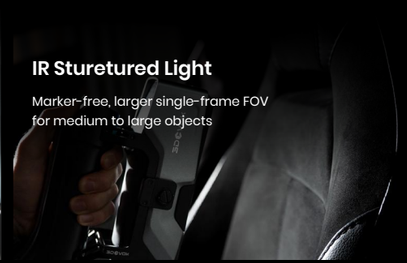
Quad Light, Superior Performance

Multi-light system with versatile alignment modes for complex parts.



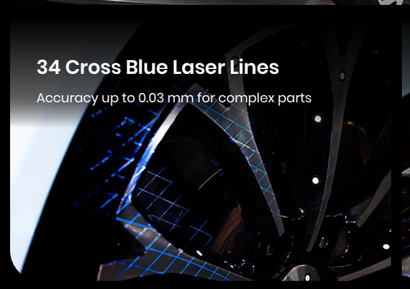
IR Sturetured Light

Marker-free, larger single-frame FOV for medium to large objects



34 Cross Blue Laser Lines

Accuracy up to 0.03 mm for complex parts



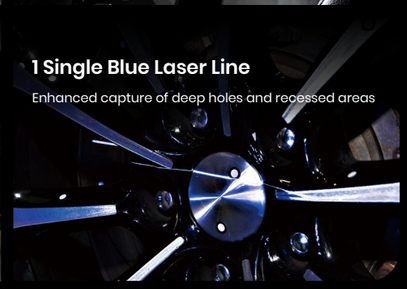
11 Parallel Blue Laser Lines

Resolution up to 0.05 mm for fine details



1 Single Blue Laser Line

Enhanced capture of deep holes and recessed areas



Seamless Reverse Engineering & 3D Inspection

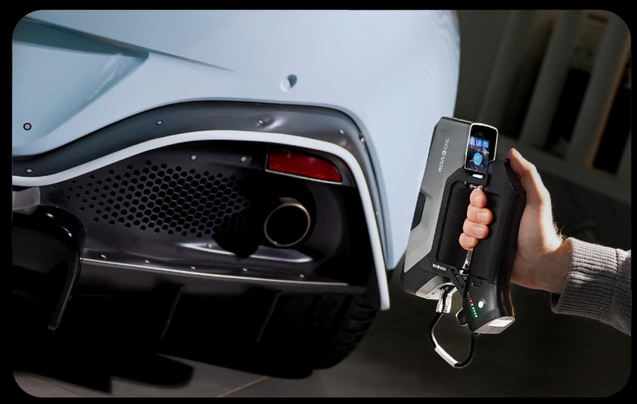
Supports multiple formats (STL, ASC, etc.) for seamless workflows. One-click export to DefinSight MODEL for CAD modeling, Rhino for surface design, and PolyWorks for 3D inspection.



Multi-Size, Multi-Material

Handles objects from 0.05–5 m. Optimized for challenging materials—dark, reflective, and outdoor surfaces—ensuring fast, accurate scans.





Freedom to Scan

Optional 3DeVOK Airgo handle with up to 75 fps wireless transfer and dual-battery operation. Ideal for on-site, confined, and large-object scanning—professional performance made easy.