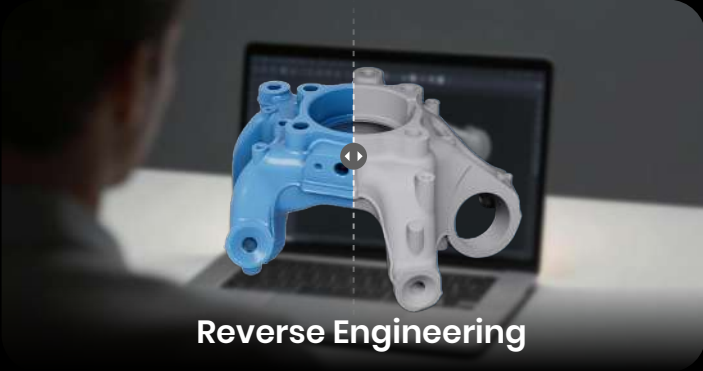




Reverse Engineering



Customized Modification



3D Inspection



Art & Design

| 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                     | 0.1-5 mm                                                                                                                                                                       | 0.05-5 mm                    | 0.1-5 mm                 | 0.2-5 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

High-Precision Handheld 3D Scanner

# 3DeVOK MT Gen2

Quad-Light, Unlimited Precision



## Upgraded System Performance

Quad Light Source (34 Cross Blue Laser Lines, 11 Parallel Blue Laser Lines, Single Blue Laser Line, IR VCSEL), accuracy up to 0.03 mm, resolution up to 0.05 mm, and frame rates up to 80 fps.



## Professional-Grade Software

Marker pre-scan for higher accuracy on medium-to-large parts, supporting thin-wall alignment, dual point-cloud merging, smart color mapping and multi-PC offline processing.



3DeVOK MT Gen2 integrates SCANOLGY'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.



## Quad Light, Superior Performance

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



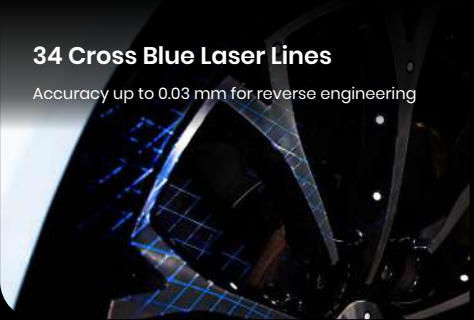
### IR Structured Light

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



### 34 Cross Blue Laser Lines

Accuracy up to 0.03 mm for reverse engineering



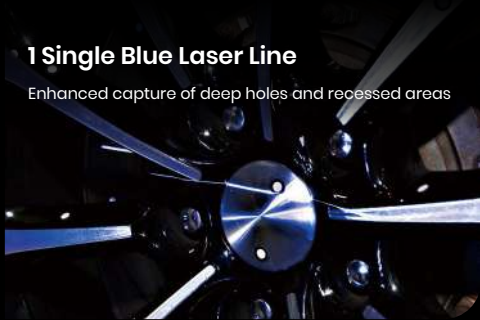
### 11 Parallel Blue Laser Lines

Resolution up to 0.05 mm for fine details



### 1 Single Blue Laser Line

Enhanced capture of deep holes and recessed areas



## Multi-Size, Multi-Material

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



## International Certificate

Certified to multiple international standards (CE-EMC, FCC, RoHS, etc.). Each 3DeVOK MT Gen2 includes a factory calibration certificate, backed by SCANOLGY's ISO 17025-accredited lab and internationally compliant procedures for reliable performance.

## Seamless Reverse Engineering & 3D Inspection

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



## 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.

