



SOL
3D scanner



THE MARKET'S MOST USER-FRIENDLY 3D SCANNER

SOL 3D scanner provides an easy-to-use solution for creating digital copies of real-world objects. The scanner can help a variety of users achieve their goals regardless if their 3D workflow is scan-to-print, scan-to-model, or scan-to-share.

SOL 3D scanner is small and lightweight, and uses a combination of laser triangulation and white light technology. The turntable helps automating the 3D scanning process. The dedicated SOL software notifies the user of next steps with sound or text messages. 3D scans are viewed directly in the SOL software and can be exported and further edited in third-party 3D software.

The scanner is developed and marketed by Scan Dimension, a division of the scanning heavyweight Global Scanning. Global Scanning is a Denmark-based technology company with 30 years of experience in the image-capturing sector. This collective experience is behind the engineering of SOL, which was designed to be – above all – portable, affordable, easy to use and precise.



SCAN DIMENSION

SYSTEM REQUIREMENTS	
Supported operating systems	Windows 10, 64-bit/macOS
Graphics card	Minimum 2 GB memory, must support OpenGL 3.3 or higher
Recommended hardware	2.8 GHz processor, 4 cores (8 logical processors), 16 GB RAM, 100 GB disk
Minimum hardware	2 GHz processor, 2 cores (4 logical processors), 8 GB RAM, 100 GB disk
Power input	Maximum 800 mA (USB 3.0)
Internet	Required

SOL 3D SCANNER	
Maximum size of object	3.9×3.9 inches/100×100 mm (6.7×6.7 inches/170×170 mm in oversize mode)
Minimum size of object	1×1 inch/25×25 mm
Maximum weight of object	4.4 lbs/2 kg
Working range	210–360 mm
Maximum resolution	0.1 mm (0.004 inches)
Camera resolution	5 MP optical compensated
Calibration	Automatic
360° scan from start-to-finish*	Normal mode: 20 min./Turbo mode: 10 min.
Export file types	OBJ, STL, PLY, DAE, XYZ
Data transfer	USB
Texture/colors	Yes
Appending/adding scans	Yes
Software updates	Yes (requires registration of scanner)

* Depending on the object



MAKERS

- Engineers
- Crafters
- Designers

Share your creations online or reproduce your designs

HOBBYISTS

- Collectors
- Artists
- Creators

Share and manage your collections

EDUCATORS

- Technical schools
- STEM/STEAM
- Science labs

Get hands-on experience in the world of 3D

ENTREPRENEURS

- Designers
- Businesses
- Start-ups

Show your inventions to the world

INCLUDED:

- SOL 3D scanner
- Turntable
- Scanner stand
- USB cable A
- USB cable B
- Blackout tent with enclosure
- Scan test target
- SOL 3D scanner software (available for download)
- P3D.in storage account
- Free technical support
- Manufacturer warranty