

# STARTER-KIT

Cost-Effective 3D Laser Scanning

---



## Description

---

High-precision 3D scanning at an unbeatable price: Experience the innovative DAVID LASERSCANNER 3D scanning system!

This package contains everything you need to set up your own 3D scanner. Just hold the laser in your hand and sweep the laser line over the object you wish to scan: a sculpture, a face, anything at all. DAVID LASERSCANNER will immediately generate a 3D model in your PC, capturing even fine surface details of less than 0.2 millimeter.

Simply scan all sides of the object separately, including top and bottom. The software will semi-automatically align and fuse all scans to create a textured all-round model!

The results may be stored and used in various standard 3D file formats (OBJ, STL, PLY), e.g. for computer animations, games, virtual 3D environments, product presentations, works of art, archeology... The limits are set only by your imagination!

## Requirements

---

### Required

- Standard PC (Windows XP, Vista, 7 or 8 - 32 or 64 bit)
- Two available USB ports

### Recommended

- 2 GHz CPU
- 64 bit Windows
- 8 GB system memory
- 3d graphics card (e.g. NVIDIA GeForce or ATI Radeon) with 1 GB RAM or more

## Contents

---

- DAVID-3-PRO software on USB flash drive
- high-resolution 2-megapixel webcam (Full HD) with autofocus (Logitech c615)
- stand for webcam
- red line laser module (650 nm, Class 1 laser) with adjustable focus, including battery
- calibration panels (with calibration patterns in four different sizes)
- base plate for mounting the calibration panels
- three right angles for fixing the calibration panels
- user manual (English, Deutsch, Français, Italiano)