nanoCAD
3DScan

nanoCAD 3DScan is specialized software designed for processing 3D scanning data and tackling engineering and informational challenges across fields such as geodesy, mechanical enginee-ring, construction, infrastructure, and metrological monitoring.

Basic functionality

- Import, export
- Storage
- Display
- Section, Trimming
- Views
- Coloring

Pre-processing

- Stitching, registration
- Filtering
- Segmentation
- Classification
- Image orthotransformation

Measurements

- Volumes, areas and distances
- Parameters recognized geometry of surfaces
- Comparison of clouds with models and clouds

Modelling

- Building 2.5D and 3D models
- Simplification, editing of models
- Texturing

Geometry analysis

- Recognizing geometry
- Geometry inscription
- Vectorization and section analysis

Utilities

- Photorealistic visualization
- Video recording
- Information modelling
- Open API

Types of Laser Scanning data to be processed

Surface   Air   Mobile   Other Types

NPC Formats Supported

BIN   E57   FBX   LAS   LAZ   PCD   PLY   PTS   PTX   RSC (RCP)   TXT (XYZ)   XYB

Flexible Licensing

- **1-year subscription** to get started right away at minimal cost

- **3-year subscription** gives a perpetua license and full support and upgrades for 3 years

- **Workstation license** can be used on a single computer and cannot be transferred

- **Network license** can be used on any computer on the local network

nanoCAD
ENGINEERING ECOSYSTEM

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🌐 **nanocad.com**