Scan3D

Accurate Handheld 3D Scanning

Carlson Scan3D is a scanning solution that accurately captures 3D environments using a LiDAR-equipped Apple iOS device or Carlson's RT5 or RTk5 tablets and a RealSense™ depth camera.

ACCURATE 3D SCANNING WITH YOUR CARLSON RT5, RTK5, OR iOS DEVICE

- Instant, mobile 3D scanning of rooms, spaces, equipment, and more

- Highly accurate point cloud data sets comparable to and compatible with larger scale 3D scanning devices (terrestrial, aerial, mobile mapping)

- Advanced targeting and optimization capabilities for highly accurate results

- All local processing! No internet connectivity or cloud computing required

CORE FEATURES

- Real-time 3D reconstruction with live quality feedback

- Local data optimization (post-processing) for highly accurate results

- Automatic AprilTag targeting for intelligent accuracy improvement

- Planarity constraints, HD photo capture, and scan-time annotation

- Optional targeting workflows to reference known measurements/coordinates

- Precise, savable measurements of distance, area, volume, and more

- Convenient 3D editing with cropping, filtering, and coordinate system management

- Direct color 3D point cloud export:

- DP, E57, RCS, LAS, LAZ, PTS, PTX, PLY, PTG, POD (RCS & POD Windows only)

BREAK NEW GROUND