

Technical specifications

Built
Environment
—
Smarter
Transformation

Handheld 3D scanners

Model name: EinScan Pro

Manufacturer
Shining 3D

Supplier
Concurrent Design Group

Description

2 of multi-functional handheld walk around 3D scanners. Allows physical objects to be scanned and used to better conceptualize an idea or create a starting point for modelling in CAD. The EinScan-Pro scanning software allows users to create open models for reverse engineering in a CAD system. 4 scan modes - Handheld HD scan, handheld rapid scan, automatic scan and free scan.

Purpose

Capturing real world data to convert into a digital 3D model. It can be used for consumer and commercial applications in manufacturing, engineering, design, development, testing, artwork archival, animation and even human form acquisition. Capable of reverse engineering of components in collaboration with the 3D printer.

Specifications

Scan volume: Min: 0.2m x 0.2m x 0.2m,
Max: 3m x 3m x 3m
Field of View: Horizontal: 45 Vertical: 57.5
Diagonal: 69
Colour Image Size: 240(w) x 320(h)
Scan area: 30-40mm
Capable of capturing objects ranging in size
from 0.03 to 4m
Turntable loading capacity: 5kg

Machine dimensions

Scan head weight: 800g