



# **image** STATIC 3D

## THE LEADING MOTION ANALYSIS SOFTWARE SUITE

Static 3D is a powerful software tool capable of generating 3D models and measurement data - from static objects and environments - using still imagery.

Measurement points can be manually selected in the images, or automatically identified using markers. Manually selecting points in the images allows the operator to retroactively derive measurement data from the images, even if markers were not placed.

### COMPLETE SOLUTION

- Static 3D Software – (USB Dongle License)
- Calibrated Canon D6 DSLR camera and lens
- Calibrated Scale Ruler
- Markers
- User Manual
- Rugged Carrying Case

### FEATURES

- High accuracy measurement tool
- Intuitive and easy to use
- Additional measurements can be made retroactively, given that the images are stored.
- The 3D measurements can be exported to:
  - DDXF (\*.dxf file)
  - ASCII (\*.trg file)
  - Microsoft Excel
  - CSV-files
  - CAD Software export

### SET UP & OPERATION

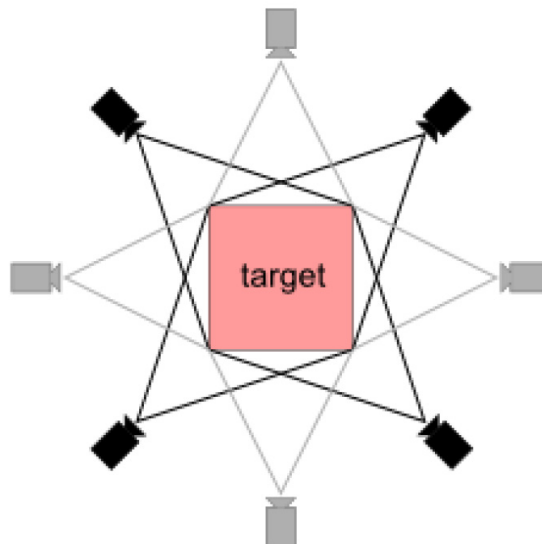
Using the calibrated camera, the operator captures a series of images of a target object or environment to be measured.

Setup requirements

- At least four common points, recommended eight, should be visible by each camera pair
- The points could either be quad markers, hand drawn markers, or shapes / contours of the object.
- One physical distance (acting as scale) between two points

After loading the images into Static 3D, the software wizard generates the X,Y,Z data of markers and / or manually selected points and creates what is referred to as a "Target Model".

The data of the Target Model can then be visualized in a point table table (X,Y and Z) as well as a 3D diagram for verification purposes



Images from  
camera position  
pair

Zoom view for  
selected point

3D diagram

Point table

