SceneVision-3D Laser Scanner Software
The Right Solution for
Crime, Accident and Fire Scene
Reconstruction, Analysis and Presentation

SceneVision-3D Software is the industry's most advanced 3D Laser Scanner crime scene reconstruction software, used by more than 100 law enforcement agencies across the U.S. SceneVision-3D provides a complete solution for working with 3D laser data, including scan alignment, model building, panoramic images, measurement, analysis, and presentation capabilities.

SceneVision-3D Features
• Patented techniques for combining multiple scans – registration without targets
• Photo-realistic 3D Models of Entire Scenes – not just point clouds
• Patented High-Resolution Color Insets – close-up 3D views of blood stain, weapons, wounds, bullet holes, documents, footprints
• Easy to use Measurement Tools – for house diagrams, bullet and blood trajectories, angle measurements
• Panoramic 360° Images – automatic, flawless, 360° photographic views of a scene
• East to create Walk-throughs – for clear, effective, effortless courtroom presentations
• Patented Blood Stain Pattern Analysis – automatically produce trajectories in 3D models
• Automated logging of user operations – a complete record of your work with the data
• Create sketches/diagrams of the scene quickly and easily – with the 'wall wizard'
• Witness viewpoint specification and display – display what is visible from any location
• Automatically create DVD for distribution – one button push to distribute your scene's data and the SceneVision-3D free viewer to the DA, the defense, detectives, etc.
• Compatible with all major 3D laser scanners

3D Computer Graphics Models

Fast, Accurate Diagrams

3D Models with Hi-resolution Color

3D Models of Outdoor Scenes
What can SceneVision-3D Software with a 3D Laser Scanner Do For You?

Capture All the Measurements of a Scene
- 360° scans in minutes - capture millions of measurements per scan
- The scene is captured forever! Revisit the scene any time – months or years later
- Make new measurements in the scene on demand at any time. Even during a trial.

Quickly Produce Diagrams of a Scene
- 5 minutes or less to align and combine each scan. Just minutes more to produce a model.
- Use the ‘wall wizard’ to quickly produce the edges of each room – with measurements
- Create 3D floor plans of buildings for emergency preparedness and training
- Add the outlines and measurements of windows, furniture and other objects
- Show measurements between any two points
- View the model from any direction
- Print images of the model or orthographic views of just the outlines you’ve created

Add Information to the Model
- Place markers for locations of people or objects
- Add hyperlinks to photographs and documents connected to any point in the scene
- Add notes corresponding to any 3D location
- Show bullet or blood spatter trajectories
- Measure angles and perpendicular distances
- Position figures to illustrate the crime with Poser Pro software

Create Full-color 3D Computer Graphics Models and Color Photographic Panoramas for Analysis, and Courtroom Presentations
- Automatically produce a high-quality, full-color, 3D model from color point clouds – much more realistic than point clouds.
- Create ‘walk-throughs’ by identifying and saving viewpoints for display

SceneVision-3D Software Specifications
- Align multiple scans to create a single model
- View and present many forms of your data
  - 3D VRML models with or without color
  - Image data in TIFF, JPEG and other standard formats
  - RTPI files (laser range data) with or without color
  - Panoramic images
  - Text files used for annotation
- Draw on VRML, image and/or range data in 2D or 3D
  - Measurement lines between any two points
  - Measurement lines from a point perpendicular to a plane
  - Points, planes, spheres, trajectory and sight lines
  - Outlines of objects
- Identify planes corresponding to walls, floors and ceilings
- Patented technique for embedding high-resolution close-up photos in 3D models
- Add photos/images as “hot spots” in the data
- Add labels and text notes to any of the individual elements – points, lines, planes, hot spots
- Produce ‘ViewPoints’ illustrating views of people at the scene
- Patented blood stain pattern analysis - automatically produce trajectories in 3D models representing the path of the blood
- Add models of people for simulation and animation
- Automatically create Distribution DVD with data and free viewer

System Requirements - PC/Laptop, Windows XP/7/8, 3D Graphics card

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