Datasheet:
LFM ViewerLite

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LFM ViewerLite

LFM Viewer Lite is a powerful viewing package targeted at users of laser scan data. It is a simple to use and inexpensive software package, however it does not deviate from the high quality for which LFM is known. It allows high resolution laser scan images to be viewed, measured and marked up and include the tools to extract tie-in information.

In addition to the functionality contained within LFM ViewerLite, LFM Viewer enables users to import 3D solid CAD objects into LFM Viewer. These can be reviewed and compared against the laser scan data in both the 3D view and also the *BubbleView*™. The user can view the CAD objects against exceptionally high resolution laser data. This is a great tool to present conceptual design studies.

Key features

Overview

- Extensive measurement tools
- Extensive mark-up and annotation facilities
- Key Plans ensure ease of navigation for the user
- With LFM Viewer CAD objects can be loaded in *BubbleViews*™

Productivity

- Enables zooms, rotations and jumping to centre scans
- Multiple innovative *BubbleViews*™ can be loaded simultaneously

BubbleView™ Technology

The innovative *BubbleView*™ allows true 3D 360° rotation of a high resolution intensity image. Users have found this to be a simple yet effective way of viewing laser scan data. It is such a powerful feature that the user has the feeling of being on-site. The software allows multiple Bubbleviews to be loaded simultaneously.

3D View Functionality

The laser scan data can also be viewed as a traditional 3D points view. Tools to enable zoom, rotation and jumping to the centre of scans are available. Data can be cut, sliced and partial scans selected ensuring maximum functionality and usability for the end user.

Mark-up and Measurement facilities

Extensive mark-up and measurement facilities can be found in the software. These work in both the BubbleView and 3D View. These facilities enable the user to measure points and distances, to find the centre-line of pipes and place tie-in points for extraction to other CAD packages.

Key Plans

Ease of navigation throughout the project scene is achieved by the use of of key plans. These allow the user to navigate to the exact location of interest. Key plans can be mapped on multiple levels where necessary.

Annotation Facility

The annotation facility allows users to place permanent notes on the laser scan data with explanations, instructions or warnings to other users. Annotations can be grouped into user defined categories for added convenience.
LFM Viewer/ViewerLite are able to connect to SQL databases where annotations can be stored in a secure data centre.

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