

ProAnalyst

Version 1.6.0.0 Release Notes

General Description

This version update contains recent feature enhancements and fixes.

Due to changes in the underlying licensing scheme, all future updates beyond version 1.5.0.0 of ProAnalyst require a newly issued hardlock. Please contact us to arrange for a new hardlock to be sent to you free of charge. The new hardlock will come with a postage paid return envelope for you to send back your current hardlock. Users who have already obtained a new hardlock or are currently running version 1.5.0.0 or above do not need to exchange their hardlock.

Detailed Changes from Previous Versions

1. Added a delete mode for point editing in the 3-D Manager Calibration panel.
2. Forced Line Summary View image memory to be allocated only on-demand when displaying the Summary View in order to conserve memory.
3. Added quad-target center finder and blob center finder to the 3-D Manager Calibration window.
4. Added new setting to Feature Tracking to make newly tracked features avoid any existing points tracked by other features.
5. Enabled XY trajectory prediction to apply to the first automatically tracked frame by using existing track points in Feature Tracking.
6. Added "(slow)" designation to image filter names that often take a long time to process a single frame.
7. Added a reverse de-speckle image filter to retain small objects and remove large objects.
8. Made some improvements to the handling of frame timing, indexing, and referencing for MP4 files.
9. Fixed dragging and dropping of associated files onto videos inside a Project window.
10. Fixed dragging and dropping of videos with associated files from one Project window to another Project window.
11. Fixed interpolation in Feature Tracking to properly include track points in the very last frame of the video.
12. Fixed 3-D Manager World Reference 2Pt-Z calculation to handle larger base angle values accurately.
13. Prevented Feature Line values (lengths, angles, radii) from being added to 3-D Manager Data Sources when using Add Matching.
14. Fixed issue where current frame would still show the last cached frame when changing Bit Selection or decrypting a video.

Installation Instructions

This version uses a new simplified installation technique. Run the installation executable and it will replace any existing installation.

The Microsoft .NET 2.0 Framework is no longer included in the installer itself. You will be prompted to download it if it is required.

Operating Systems

This version has been tested with Windows 7, 8, and 10 in both 32-bit and 64-bit versions.

Known Issues

1. Some users may encounter a “Failed to create dialog.” message when attempting to open a new window. This occurs when a resource limitation is reached within Windows. Typically this occurs when many videos are opened simultaneously (for example, when using the 3-D Merge Window). Use the new “Modify System Limits” command in the Help menu of ProAnalyst to adjust relevant settings.
2. Some default codecs that were standard on Windows XP and prior are not installed by default on Windows Vista or Windows 7, 8, or 10. If you have a video that plays fine in Windows XP, but does not play in Windows Vista or Windows 7, 8, or 10, please verify that you have the necessary codecs installed.
3. Only the first length or angle measurement for a single configured analysis line can be graphed or exported. If a single feature line contains multiple segments, multiple length or angle measurements will be shown in the overlay of the video. However, only the first segment value will be available for graphing for a given feature line. To graph multiple lengths or angle measurements, create multiple feature lines for each desired length and angle measurement.
4. The new Pack Project feature is limited to a maximum file size of 4GB. If the video and data files in your project would result in a packed project that exceeds 4GB, it is recommended that you pack your video files separately or break your project into multiple projects.
5. Graphing in the Video Timeline is less advanced and does not show or reflect the same graph line configuration as the main graph in the Measurement Window.
6. The documentation is updated and printed less frequently and may reflect an earlier version of the software.

How to get Technical Support

Technical support addresses, URLs and phone numbers are found in the Help → About box within the software. Please have your key tag number, registration number and software version number available when calling.

Xcitex, Inc.
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