



# WinDIAS 3.3 Release Notes

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## What's new in WinDIAS 3.3

1. Improved seed counting capability.
2. Improved area of interest (AOI) drawing tool.

## Compatibility

WinDIAS 3.3 is compatible with previous version of WinDIAS 3.

## Camera drivers

IDS uEye camera driver are included on the WinDIAS 3 CD for convenience.

A newer version may be available directly from IDS Imaging on their web site [www.ids-imaging.com](http://www.ids-imaging.com).

## Installation

See the full installation instructions provided on the WinDIAS 3 CD

## Version 3.2

1. An undo button has been added. This will undo previous colour picking or image editing actions.
2. A Reset Thresholds button has been added. This resets the boundaries of the volume in RGB colour space surrounding each picked colour - back to the default value of  $\pm 20$  RGB units.
3. Clear All button has been renamed Clear All Colours, to avoid confusion with item 2.
4. IDS uEye camera driver provided on the WinDIAS CD has now been upgraded to version 3.8. This supports Microsoft Windows 7, providing separate 32 and 64 bit driver files for the cameras.  
The user is now asked to select which driver to install during the install process.
5. A Pause Video checkbox has been added to the Settings, Video window.  
It is now necessary to pause the video stream from the video camera in order to enable the video camera software settings to be saved.  
This was not necessary with previous versions of the camera driver software from IDS.

## Fixes in WinDIAS 3.2

1. Software stability was improved by forcing a recreation of the image edit overlay if the image size changes.
2. Corrected the RGB colours used on the conveyor snapshot overlay.
3. Fixed a problem caused when the File, New command was used when in the conveyor mode.
4. Fixed - Last image in Batch Process was not recorded.
5. Improved the behaviour of the colour picking button.



6. Fixed - corruption of log file name in batch mode.
7. More protection added when selecting non-.wd3 format image files.
8. Added All File Types to Import Image.
9. In Minimum Area units added squared to the area labels.
10. Fixed - Grab showed old image for a short time.
11. Fixed - Conveyor mode waiting for message box response before starting.
12. Fixed - unravelled screens - artefact from previous image overlay.
13. Fixed - Batch Process mode now creates results files in the correct chosen directory, and subsequent non batch mode readings are saved correctly to the separate chosen location.
14. Fixed - the default primary and secondary colours in conveyor mode were the inverse of the colours in the static mode. – Now the same colour as chosen in settings.
15. Fixed - the Total % diseased leaf area was calculated wrongly as the average of the individual percentages – Now uses the ratio of cumulative totals.
16. Fixed - in the summary statistics it was not helpful to calculate the cumulate percentage total, which could rise to greater than 100% - Now shows blank.
17. Fixed - corrupt display on File New, (video off)
18. Fixed - measure single fails on drawn object
19. Fixed - State engine fails exiting Long Leaf mode
20. Fixed - Confusing behaviour of Results file if you take measurements before or after running a Batch Process.
21. Fixed - wrong Results window in Batch Process mode
22. Fixed - confusing message at end of Batch Process
23. Fixed - Batch Process should not permit overwriting data onto an existing file
24. Fixed - wrong image on changing Tab after Import Image if Video ON
25. Fixed- Batch Process. Change measurement window tab. Fatal crash.
26. Fixed - printing of blank sheets.
27. Fixed - issue with Measurement Results windows, as was still clearing results after import image.

### Version 3.1

1. TWAIN support added.
2. Batch processing of saved image files added.
3. Video stream can be turned off for the benefit of those who use images from a scanner or still camera.
4. On first start-up after installation, WinDIAS starts with a still image of a maple leaf loaded, and the live video turned off.  
On Exit the program saves your configuration and restarts the same way.

### Version 3.0

1. Our earlier DOS-based DIAS image analysis software was rewritten to run under Microsoft Windows and work with USB2 video cameras.