



DxO Optics Pro v5.3 Release Notes

Windows (build 7247):

Supported Systems

- Windows XP (32 and 64 bits)
- Windows Vista (32 and 64 bits)

Installation

- The .NET 3.5 SP1 Framework will be installed if it is not already installed on the machine (it may take several minutes).
- Installing the latest updates of Windows is recommended before installing the application.
- A reboot is required.

New features

- New supported camera bodies
 - Nikon D700
 - Canon G9 (note: no optical corrections for add-on converter lenses)
 - Canon 1000D
- Vista 64 bits and XP 64 bits are supported
- cRaw format supported (Sony A700)
- Lightroom 2.0 integration (Smart Collections not supported)
- Direct module download. Clicking the "Missing module" icon (body + blue arrow) on a thumbnail launches download
- Project database backup and restore capability (from File/Database menu)
- Visual guide accessible from Help menu
- Ten new presets are available (organized into 4 folders) in the Preset Edit palette:
 - Raw-Color folder (softer color rendering between realistic and factory default settings)
 - NeutralColor_NeutralTonality (based on the color rendering "Neutral color, neutral tonality")
 - Realistic_ModelHighContrast
 - Realistic_ToneCurve
 - Realistic_ToneCurve_Vivid
 - Raw-HighISO folder (see below "Raw demosaicing enhancement")
 - High_ISO
 - Raw-Highlight Recovery folder (allows to recover highlight while keeping realistic color saturation)

- HighlightRecovery_Medium
- HighlightRecovery_Slight
- HighlightRecovery_Strong
- DxO Presets folder
 - Raw-Neutral Preset (similar to "DxO Default Preset" but color rendering based on "NeutralColor_NeutralTonality")
 - Vivid Preset (similar to "DxO Default Preset" but color rendering based on "Realistic_ToneCurve_Vivid")

Improvements

- Raw demosaicing enhancement
 - Colored diagonals are smoother and better rendered
 - Raw conversion has been improved for ISO values above 6400
 - This improvement is available when the Auto mode of DxO Lighting is set to Strong or when using the new High_ISO preset
 - It reduces the colored haze due to the high level of noise in the image
- In the Color Rendering palette
 - Addition of "Nikon D3, D300, D700 Neutral" color rendering corresponding to these bodies set to "neutral"
 - Addition of the "Neutral color, neutral tonality" color rendering
 - Independent from camera body used
 - Tonality optimized for Raw images
 - Changes in Camera Body renderings
 - "Neutral color, factory tonality" (formerly labeled "Neutral")
 - "Neutral color, neutral tonality" (new rendering – see remark below on Intensity slider)
 - "Neutral color, realistic tonality (gamma 2.2)" (formerly labeled "Realistic")
 - These renderings allow to have more neutral and constant color rendering regardless of camera bodies
 - Change of the Intensity slider
 - The slider blends the "Neutral color, neutral tonality" rendering with the selected rendering (formerly the blend was between the default factory rendering and the selected rendering)
 - This allows to have more neutral and constant color rendering regardless of camera bodies
- Speed up of application startup (up to 2x)
- More robust detection of download corruption in both Application and Download Manager
- Clearer Download Manager interface
- Clearer Preset Manager interface
 - Modification of buttons layout
 - Common actions like "New folder", "New preset", "Duplicate preset", "Delete preset" are now simple buttons with icon (instead of buttons with text)
 - The button formerly labeled "Edit" is now labeled "Preview / Edit" as it allows editing the selected preset and seeing its effect on the selected image
- The Highlight recovery option "Off" is renamed "Custom" (meaning exposure adjusted by the slider)
- When using "Open With" from the Explorer, the selected image is added to the filmstrip and the file browser is automatically set to show the image directory
- New Keyboard shortcuts for image selection (file system, Lightroom, database)
- Focusing distance for Canon 40D, Canon 1D MkIII and Canon 1Ds MkIII is now recognized. It is no more needed to resolve focusing distance ambiguity.
- Clearer labels for display ICC profiles (in preferences)
- Improvement of White Balance for extreme color temperatures between 2000K and 2800K and between 10000K and 20000K for the following camera bodies: Canon EOS 1Ds, Canon EOS 10D, Canon EOS 1D Mk2, Canon EOS 1D Mk2N, Canon EOS 20D, Canon EOS 300D, Canon EOS 30D, Canon EOS 5D, Konica Minolta Dynax 5D, Konica Minolta Dynax 7D, Nikon D200, Nikon D2X, Nikon D300, Sony DSLR A100.

Third party software compatibility

- Photoshop
 - The DxO Optics Pro plug-in is compatible with Photoshop CS3 and CS2.
- Lightroom
 - Support for both Lightroom 1.4 and 2.0

Known limitations

- License transfer is not allowed after a manual activation.
- Preset and sidecars are not cross platform compatible (Mac/Windows)
- Photoshop can only import a limited number of images at the same time.
- Plug-in incompatible with Photoshop Elements 6
- Lightroom 2.0 smart collections are not accessible from DxO Optics Pro
- Application as external editor of Lightroom 64 bits not supported

Known bugs

- Cursor goes to beginning when renaming a preset with special characters
- No error message in DOP as LR external editor for ".psd" images
- Right-click in file system does not select item
- Thumbnails disappear from Filmstrip if changing system font size
- "Before" image can be cropped in double display mode
- Filmstrip content filter not applied properly on missing links
- Chrominance slider is too slow with raw image at 100% and low ISO
- After fixing paths of missing files, project needs to be reloaded

Bug fixes over v5.3 build 7246

- Module management
 - Connection lost between image and corresponding module for Nikon D300 with AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED
- Application
 - Random crash during a batch
 - Memory leak during a batch when Review tab is selected
- Lightroom
 - Select tab: Some images not available (from 3rd sub-folder level on)
 - External editor: Some RAW images not available, fall back on TIFF, erroneous error message: "No DXO module found for this image"
 - External editor: Application quits after processing without confirmation

Bug fixes over v5.2.1

- Application
 - Check for update random crash
 - When importing specific large Lightroom catalog, potential crash
 - Zooming content with lots of images sometimes fails
 - Double click mishandling in select tab (framework bug)
 - Sometimes empty disk hierarchy in file browser
 - Importing ICC profile in color rendering panel not reliable
 - Change of master thumbnail when opening up stack
 - Auto-crop works even if crop switched to off
 - Auto exposure compensation unreliable
 - Dysfunction of crop with rotated images
 - Display of Raw image dimensions incorrect
 - Impossible to force reprocess an image
 - Miscellaneous localization errors
 - Image count not updated properly
 - Slow down when creating output folder

- o Slow project open when numerous missing images are referred
- o No persistence of output path when creating output folder
- o Keystoning in corrected images could be inverted
- o Wider compatibility of AdobeRGB files with third party software
- o Green bias in shadows of Nikon D3 and D300 images
- Module management
 - o Various Crashes related to module ambiguity resolution and rules
 - o Possible duplicate download of modules (back and forth navigation)
 - o Ambiguity resolution rule non persistent
 - o Portrait images not properly rotated in module ambiguity resolution window
 - o Blank screen in module installer in download manager
- Preset related
 - o Crash when applying a preset involving keystoning
 - o Random preset name change
 - o Crop not accounted for when editing preset

Macintosh (build 7288):

Supported Systems

- Mac OS X.4 (Tiger)
- Mac OS X.5 (Leopard)

New features

- New bodies
 - o Nikon D700
 - o Canon G9 (note: no optical corrections for add-on converter lenses)
 - o Canon 1000D
- cRaw format supported (Sony A700)
- Lightroom 2.0 integration (Smart Collections not supported)
- Direct module download. Clicking the "Missing module" icon (body + blue arrow) on a thumbnail launches download
- Project database backup and restore capability (from File/Database menu)
- Visual guide accessible from Help menu
- Ten new presets are available (organized into 4 folders) in the Preset Edit palette:
 - o Raw-Color folder (softer color rendering between realistic and factory default settings)
 - NeutralColor_NeutralTonality (based on the color rendering "Neutral color, neutral tonality")
 - Realistic_ModelHighContrast
 - Realistic_ToneCurve
 - Realistic_ToneCurve_Vivid
 - o Raw-HighISO folder (see below "Raw demosaicing enhancement")
 - High_ISO
 - o Raw-Highlight Recovery folder (allows to recover highlight while keeping realistic color saturation)
 - HighlightRecovery_Medium
 - HighlightRecovery_Slight
 - HighlightRecovery_Strong
 - o DxO Presets folder
 - Raw-Neutral Preset (similar to "DxO Default Preset" but based on neutral rendering, as "NeutralColor_NeutralTonality")
 - Vivid Preset (similar to "DxO Default Preset" but based on "Realistic_ToneCurve_Vivid")

Improvements

- Raw demosaicing enhancement
 - Colored diagonals are smoother and better rendered
 - Raw conversion has been improved for ISO values above 6400
 - This improvement is available when the Auto mode of DxO Lighting is set to Strong or when using the new High_ISO preset
 - It reduces the colored haze due to the high level of noise in the image
- In the Color Rendering palette
 - Addition of "Nikon D3, D300, D700 Neutral" color rendering corresponding to these bodies set to "neutral"
 - Addition of the "Neutral color, neutral tonality" color rendering
 - Independent from camera body used
 - Tonality optimized for Raw images
 - Changes in Camera Body renderings
 - "Neutral color, factory tonality" (formerly labeled "Neutral")
 - "Neutral color, neutral tonality" (new rendering – see remark below on Intensity slider)
 - "Neutral color, realistic tonality (gamma 2.2)" (formerly labeled "Realistic")
 - These renderings allow to have more neutral and constant color rendering regardless of camera bodies
 - Change of the Intensity slider
 - The slider blends the "Neutral color, neutral tonality" rendering with the selected rendering (formerly the blend was between the default factory rendering and the selected rendering)
 - This allows to have more neutral and constant color rendering regardless of camera bodies
- More robust detection of download corruption in both Application and Download Manager
- Direct resolution of module ambiguity in the filmstrip: lens + yellow "!" over thumbnail
- Clearer Download Manager interface
- CPU Load control for batch processing (in Application Preferences)
- New Keyboard shortcuts for image selection (file system, Lightroom, database)
- The Highlight recovery option "Off" is renamed "Custom" (meaning exposure adjusted by the slider)
- Focusing distance for Canon 40D, Canon 1D MkIII and Canon 1Ds MkIII is now recognized. It is no more needed to resolve focusing distance ambiguity.
- Finer horizon control buttons (0.1 degree)
- TIFF output extension is now .tif (instead of .tiff) to help with third party compatibility
- Improvement of White Balance for extreme color temperatures between 2000K and 2800K and between 10000K and 20000K for the following camera bodies: Canon EOS 1Ds, Canon EOS 10D, Canon EOS 1DMk2, Canon EOS 1DMk2N, Canon EOS 20D, Canon EOS 300D, Canon EOS 30D, Canon EOS 5D, Konica Minolta Dynax 5D, Konica Minolta Dynax 7D, Nikon D200, Nikon D2X, Nikon D300, Sony DSLR A100.

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Known limitations

- Preset and sidecars are not cross platform compatible (Mac/Windows)
- License transfer is not allowed after a manual activation
- Photoshop can only import a limited number of images at the same time.
- Plug-in incompatible with Photoshop Elements
- Lightroom 2.0 smart collections are not accessible from DxO Optics Pro
- External editor of Lightroom 64 bits not supported

Known bugs

- o Some thumbnails are sometimes not oriented properly in the Film Strip
- o Navigation palette behavior unreliable in floating mode
- o Proof this: processed images have no green icon
- o EXIF information not displayed until module ambiguity is resolved
- o Multiple selection in file browser set to columns mode does not work

Bug fixes over v5.3 build 7287

- Module Management
 - o Connection lost between image and corresponding module for Nikon D300 with AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED
- Application
 - o Demo extension does not work properly
 - o "Neutral Preset" preset renamed to "RAW-Neutral Preset"

Bug fixes over v5.2.1

- Application
 - o On 2008 MacBook Pro, dual display crashes DOP
 - o "Do not show again" checkbox shown after splash screen does not work
 - o Miscellaneous localization errors
 - o Crash when more than one graphic card is installed
 - o No workspace after launch
 - o Green bias in shadows of Nikon D3 and D300 images
- Select tab
 - o Path to current directory non persistent in Select tab
 - o When a selected stack is opened, contained images are not selected. Stack thumbnail should always be master image
 - o Random crash when importing image thumbnail
 - o Cannot drag and drop folder into Filmstrip from finder or file system
 - o Cannot unselect specific images in a project
- Filmstrip
 - o No "Copy/Apply settings" in contextual menu in Filmstrip
 - o Cannot remove an image from Filmstrip using backspace key
 - o No indication is given of currently active filter
 - o Malfunction in Create/Merge stack function
 - o Need to activate arrows to select between increasing or decreasing order in Filmstrip
- Prepare tab
 - o Crop on portrait orientation does not take constraints into account
 - o Inverted control of perspective/horizon on portrait images
 - o ICC profile import does not function if FP is deactivated
 - o Dust removal patches merge
 - o Selecting "as shot" WB does not work, need to go through another preset first.
 - o MPCB cannot lock in tint and saturation
 - o When copying settings, module ambiguity resolution is not copied.
 - o Manual and auto sidecar export
 - o Preferences>Grid size not taken into account
 - o DxO Lighting is deactivated when highlight recovery and focal lens settings are used
 - o Display of noise correction control not available if zoom is smaller than 75%
 - o Possibility of clicking for WB in "after" image
 - o Black rectangle instead of "before" image in dual presentation
- Process tab
 - o Random Crash when dust removal is processing
 - o Management of conflicts when identically named files are exported
 - o Need to warn when quitting while batch is processing
 - o Processing is halted when project is created using menu or keyboard shortcut
- Photoshop plug-in related
 - o Cannot access "process tab" on PPC machines
 - o Photoshop sometimes crashes after batch process

- Photoshop crashes after quitting then relaunching DOP as a plug-in
 - Error message when quitting Photoshop plug-in
 - Bad display of 16 bits TIFF outputs
 - Crash when cancelling all images in a batch
 - Random crash after starting processing
- Lightroom related
 - Situation where Lightroom export does not work, DOP does not launch, no batch possible
 - Output formats in Lightroom should not be modifiable
 - Lightroom external editor does not always find corresponding Raw image