# DXO PhotoLab

# Release notes

## Version 4.3.1

## Windows

### System requirements

- Intel® Core™ 2 or AMD Athlon™ 64 X2 or higher (Intel® Core™ i7 4th generation or better, or AMD Ryzen™ recommended)
- 8 GB of RAM (16 GB or more recommended)
- 4 GB or more of available hard-disk space
- Microsoft® Windows® 8.1 (64-bit), or Microsoft® Windows® 10 version 1809 or higher (64-bit, and still supported by Microsoft®), Windows® 10 version 2004 or later recommended
- DirectX® 10-capable system
- OpenCL™ 1.2-capable graphic card with 1GB of video memory to handle OpenCL™ acceleration
- NVIDIA GTX™ 1060, AMD Radeon™ RX 580 or better recommended for DeepPRIME (GPU acceleration is only supported from Windows 10 version 1903)

### Installation and activation

- We recommend that you install the latest Windows update before installing the software.

## Nouveautés de DxO PhotoLab 4.3.1

- **New features**
  - New « DxO Hub » resource window on application startup
- **Bug fixes**
  - RAW files from Sony A1 are now correctly supported
  - Minor bug fixes

---

## New in DxO PhotoLab 4.3

- **New features**
  - Key functions now have enhanced contextual information
  - When moving RAW files, PhotoLab now moves linked XMP files
  - Support for Nik Collection 4
- **Newly supported cameras**
  - Leica TL2
  - Leica CL
  - Sony A1
  - Hasselblad X1D II 50C
  - Fuji GFX 100S
- **Bug fixes**
  - ICC profiles are correctly applied in the main window
  - Errors related to disk space when updating the database have been corrected
  - Using the zoom with the repair tool no longer creates a report in the correction history
  - Zooming in combination with changing images works correctly
  - Minor bug fixes

---

## New in DxO PhotoLab 4.2.1

- **Bug fixes**
  - Images are now processed in full resolution when using the PhotoLab print module
  - Improved PhotoLab stability when accessing specific folders
  - Search feature handles long lines better
  - Non-RGB colorspace ICC profiles can no longer be applied in the Color Rendering palette
  - Minor bug fixes

---

## New in DxO PhotoLab 4.2

- **New Features**
  - You now have access to additional resizing options when exporting an image
  - Better display support for high-resolution screens

- **Newly supported cameras**
  - Nikon Z7 II
  - Olympus PEN EL8
  - Olympus PEN EL9
  - Panasonic G100
  - Sony ZV-1

- Canon M50 Mark II

- **Bug fixes**
  - Improved performance for watermark preview when there are lots of installed fonts
  - Resizing value of crop tool is now updated on the fly
  - No more internal errors when processing an image with a large number of repair masks
  - Crashes when using some specific watermark fonts no longer occur
  - Crashes when using only a blank space in batch renaming settings no longer occur
  - Minor bug fixes

---

## New in DxO PhotoLab 4.1.1

- **DxO Colorwheel**: The pop-up text about displaying the selected color area in the main window has been revised

- **Bug fixes**

  - PhotoLab no longer quits unexpectedly when performing batch renaming in the Japanese, German, or French versions of the application.
  - The application no longer quits when choosing a font for the watermark on high-definition screens.
  - The application no longer quits when using a watermark whose image is on an external disk or is not available.
  - Nikon D850 color rendering is available again.
  - Minor bug fixes

---

## New in DxO PhotoLab 4.1

- Improved **DxO Colorwheel** now lets you display the selected color area
- Batch renaming feature now remembers previous settings
- The comparison option now takes into account optical corrections when the geometry is activated.
- You can now download a PDF of the user guide directly from the Help menu.
- **New supported cameras**
  - Lumix S1H
  - Mavic Air 2
  - Nikon Z6 II
  - Sony A7S III
  - Sony A7C
- **Minor bug fixes**

---

## New in DxO PhotoLab 4.0.2

- **Bug fixes**
  - Application doesn't crash anymore in the following scenarios:
    - When disconnecting GPU
    - When missing Windows default color profile (Windows 10 version 2004)
    - When using special watermark fonts
  - Keywords from Photolab 3 are now properly imported
  - Images with Local adjustment corrections are now correctly exported to DNG format
  - Viewer is not blurry anymore at 100% zoom level
  - Closed palettes don't reappear when using F9 shortcut to collapse/expand panels

- Other minor bug fixes

---

## New in DxO PhotoLab 4.0.1

- **Smart Workspace improvement**
  The "Collapse all / expand all" option is saved when filtering is refreshed

- **Bug fixes**
  - Other minor bug fixes

---

## New features in DxO PhotoLab 4

- **Develop your RAW and JPEG images** and get high-quality rendering with ease: DxO PhotoLab offers you a complete set of intelligent automatic corrections that you can adjust manually whenever you want.

- **DxO DeepPRIME**: Artificial intelligence revolutionizes RAW image denoising and conversion by allowing you to do both simultaneously, for exceptional results. DxO DeepPRIME, which belongs to the class of convolutional neural networks, has been trained using billions of samples from more than 15 years of measurement and calibration at DxO Labs. The quality of photos is dramatically improved, especially those taken in low light, or with small pixels, or taken with older-generation cameras.

- **DxO Clearview Plus** goes one step further in terms of rendering, intelligently increasing local contrast tenfold while effectively suppressing distant atmospheric haze without producing pronounced halo effects.

- **DxO Smart Lighting** optimizes the dynamic range of your image and restores detail to underexposed or overexposed areas.

- **DxO Smart Workspace**: Thanks to a dynamic filtering system that is directly accessible from a dedicated toolbar, the DxO Smart Workspace allows you to show or hide, with one click, the tool palettes in three modes: by correction family (light, color, detail, geometry, local settings), by active corrections, or by favorite palettes. In addition, thanks to a dedicated search field, you can now search for a specific tool and instantly display the corresponding palette.

- **Enhanced repair tool** with manual repositioning, a choice of Duplicate and Repair modes, management of progressive contours, and brush opacity.

- **A complete solution for local adjustments, including U-POINT® technology**: Brush, graduated filter, and control points allow you to edit your images locally, combining power and simplicity.

- **Distortion Corrections and Lens Sharpness**: Get the most out of your equipment with customized automatic corrections based on DxO's recognized scientific expertise in measurement and calibration.

- **DxO Instant Watermarking**: This new tool allows you to inlay text and/or an image and view the results instantly. Placement, orientation, scale, margins, opacity — as well as text color — are fully customizable. You can choose to activate or deactivate the watermark when you export one or more images. To ensure better integration of the visual signature or text, seven merge modes are available.

- **Batch renaming of images:** From the DxO Photo Library or directly from the Image Browser in the Customize tab, you can now select multiple files and then, using a dedicated dialog box:
  - Search/Replace text in the names of the selected files
  - Add text before or after existing names

- Rename the selected files and add a counter either before or after the name

- **DxO Advanced History**: The new History palette displays the correction value as well as the difference compared to its previous value by each step you take. This allows you to navigate at different times during the editing process while being fully aware of the changes you have made. In the case of grouped corrections, such as applying presets or multiple settings from the White Balance palette, the History palette displays grouped corrections, which you can view as needed.

- **Selectively copy and paste settings**: From the Image Browser in the Customize tab, you can right-click on an image and then select the individual development settings to apply to one or more other images by selecting them by category—light, color, detail, local corrections, geometry, or watermark.

- **Parallel multiple exports and new DNG export format** for optimizing your workflow and ensuring the best compatibility with third-party solutions. Create multiple output files in parallel, while benefiting from the new DNG export that can include only optical corrections to maximize image quality, while maintaining the dynamics and colors of the original file.

- **HSL and DxO ColorWheel tool** for adjusting colors with unparalleled precision and flexibility.
  Select the color ranges you want to set manually or use the newly developed hue dropper to set them automatically.

- **Keyword and DxO PhotoLibrary management**: Search, sort, and organize your images like never before.

- **Enhanced color management**: Support for DCP color profiles, in addition to ICC color profiles, gives you the most accurate color reproduction possible.

- **Support for new equipment**
  DxO PhotoLab 4 supports the following additional cameras:
    - Canon EOS R5, EOS R6, and EOS 850D
    - Nikon D6 and Z5
    - Olympus OM-D E-M10 Mark IV
    - Panasonic Lumix S5.
  More than 60,000 camera/lens combinations are now available.

## Known limitations

- You need to have the DxO ViewPoint plugin in order to use the perspective and volume distortion correction tools.
- DNG-format files that use lossy DNG compression are not supported.
- There is no guarantee that DNG files from converters other than Adobe Lightroom or Adobe DNG Converter are supported. DNG files corresponding to unsupported packages (whether converted or not) are also not supported.