



# OpticsPro 10

## Windows

### System requirements

- Intel Core® 2 Duo, AMD Athlon™ 64 X2 or higher
- 4 GB of RAM (8 GB recommended)
- 2 GB of available disk space (6 GB recommended)
- Microsoft® Windows® 7 Service Pack 1 (64-bit), Microsoft® Windows® 8 (64-bit), Microsoft® Windows® 8.1 (64-bit), Microsoft® Windows® 10 (64-bit)
- DirectX 9.0c-compatible graphics card with 512 MB of video memory to handle GPU acceleration
- NVIDIA GeForce 460 graphics card (or higher), ATI Radeon HD 58xx (or higher) to handle OpenCL acceleration
- Microsoft .NET Framework version 4.6

### Installation and activation

- If not already present, the .NET 4.6 Framework will be installed on the machine (it may take several minutes and a reboot is required).
- Installing the latest Microsoft updates for Windows is recommended before installing the application.
- The settings and DxO Optics Modules of the previous version of DxO OpticsPro are automatically imported upon first launch.

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### New features in DxO OpticsPro v10.5.4

- 6 new cameras supported:
  - Canon Powershot G5X
  - Canon Powershot G9X
  - Leica Q (typ 116)
  - Sony DSC-RX1R II
  - Canon EOS M10
  - Leica SL
- Minor bug fixes.

### New features in DxO OpticsPro v10.5.3

- 3 new cameras supported:
  - Sony A7SII
  - Olympus OM-D E M10 II
  - Samsung NX500
- Minor bug fixes.

### New features in DxO OpticsPro v10.5.2

- 7 new cameras supported:
  - iPhone 6s
  - iPhone 6s Plus
  - Pentax 645D
  - Panasonic Lumix GF-7
  - Panasonic Lumix G-7
  - Panasonic Lumix GX-8
  - Panasonic DMC-ZS50/DMC-TZ70
- Minor bug fixes.

### **New features in DxO OpticsPro v10.5.1**

- 6 new cameras supported:
  - Canon PowerShot G3 X
  - Sony A7R II (ILCE-7RM2)
  - Sony DSC-RX100 IV
  - Sony DSC-RX10 II
  - Pentax 645Z
  - Samsung NX2000
- Minor bug fixes.

### **New features in DxO OpticsPro v10.5**

- Includes full support for DxO ONE RAW (.DNG) and SuperRAW (.DXO) files
- Can automatically apply both PRIME and temporal noise reduction to DxO ONE SuperRAW images
- DxO ONE scene mode presets, such as Sports, Portrait, etc. can be automatically applied to DxO ONE images
- Smart Lighting is now more efficient in Slight and Medium modes
- Smart Lighting, exposure and selective tones provide smoother highlights when brightening a picture
- Smart Lighting effect is automatically limited at high ISO to avoid increasing significantly noise
- Images opened in DxO OpticsPro from another application (Lightroom, DxO Connect, Windows Explorer...) are now gathered in a new "External selections" section
- Minor bug fixes.

### **New features in DxO OpticsPro v10.4.3**

- 7 new cameras supported:
  - Canon EOS 750D / Rebel T6i / Kiss X8i
  - Canon EOS 760D / Rebel T6s / EOS 8000D
  - Leica T (Typ 701)
  - Canon EOS M3
  - Nikon 1 J5
  - Pentax K-3 II
  - GoPro Hero 4 Silver
- Support for Microsoft Windows 10.
- Minor bug fixes.

### **New features in DxO OpticsPro v10.4.2**

- 2 new cameras supported:
  - Canon EOS 5DS
  - Canon EOS 5DS R
- Minor bug fixes.

### **New features in DxO OpticsPro v10.4.1**

- 3 new cameras supported:
  - Samsung NX1
  - Panasonic Lumix DMC-GM5
  - Leica C (Typ112)
- Support for Adobe Lightroom 6 and Adobe Lightroom CC 2014/2015.
- Minor bug fixes.

### **New features in DxO OpticsPro v10.4**

- 2 new cameras supported:
  - Nikon D7200
  - Olympus OM-D E-M5 Mark II
- It is now possible to return to the default preset settings by using the "Reset" button next to the "Apply preset" button.
- The size of the Dust tool can be adjusted by holding the Ctrl key while using the mouse wheel.

- Pressing the Enter key while using a tool validates the correction and closes the tool.
- Pressing the Esc key while using a tool cancels the correction and closes the tool.
- Minor bug fixes.

### **Introduced in DxO OpticsPro v10.3**

- 3 new cameras supported:
  - Nikon D5500
  - Canon PowerShot SX60 HS
  - Olympus PEN E-PL7
- It is now possible to search for any folder indexed by Windows Search simply by typing its name in the new "Search folder" field of the Source Browser (Organize tab). The search field can also be accessed at any time by pressing Ctrl+F. Indexing options can be accessed directly from DxO OpticsPro.
- An image can be directly opened from Windows Explorer by right-clicking on it and selecting "Open in DxO OpticsPro 10" (works with only one image at once).
- Images taken with Olympus Stylus 1 firmware 2.0 are now supported.
- Minor bug fixes.

### **Introduced in DxO OpticsPro v10.2**

- 4 new cameras supported:
  - Sony a7 II
  - Panasonic Lumix DMC-LX100
  - Pentax K-S1
  - Samsung Galaxy S5
- Implementation of improvements suggested by users:
  - The sliders are now more reactive, thanks to the display of a low-resolution version of an image when they are moved.
  - Folders and projects are now regrouped in the Source browser in the Organize tab.
  - It is easier to rotate images by degrees using the slider in the Horizon sub-palette.
- The EXIF palette has a new look.
- The Display menu offers a "Live Review" feature that lets users automatically display each new image added to a current folder – a particularly useful feature for photographers working with a camera connected to a computer (third-party software is required to pilot the camera).
- Settings files are now associated with DxO OpticsPro in Windows Explorer.
- The HTML version of the user guide is now accessible via the Help menu.
- Minor bug fixes.

### **Introduced in DxO OpticsPro v10.1**

- 6 new cameras supported:
  - Canon EOS 7D Mark II
  - Canon PowerShot G7 X
  - GoPro HERO4 Black Edition
  - Panasonic Lumix DMC-TZ61
  - Apple iPhone 6 and 6 Plus
- DxO OpticsPro now automatically reads from the image EXIF data or from the XMP sidecar file the star rankings defined by other applications.
- The star rankings defined in DxO OpticsPro are saved in the files generated by DxO OpticsPro, so as to be readable by other applications.
- Visual presets now display about 3x faster, and passing from one image to another is more fluid.
- DxO FilmPack Designer presets (plugin license required) are available in the presets window as two additional categories (color and B&W).
- It is now possible to increase/decrease the slider value with a right-click (in the same way as with a left-click in DxO OpticsPro 9).
- Minor bug fixes.

### **Introduced in DxO OpticsPro 10**

- DxO OpticsPro now comes in two new editions, ESSENTIAL and ELITE. Both editions support all of the same cameras that have been calibrated by DxO Labs; they differ in terms of the number of features they offer (see the DxO website for the complete list of the differences).
- New DxO ClearView tool for automatic reduction of atmospheric haze.
- The rendering of the DxO Smart Lighting tool has been improved (better contrast, greater reliability when in automatic mode).
- The rendering of the Selective tone tool has been improved (the effect for each slider is more localized, and each slider has been readjusted).
- The quality of the Lens softness has been improved (in particular with respect to preserving colored fine details), and its default intensity has been slightly increased. The slider range has also been increased.
- The Horizon tool now works in the same way as in DxO ViewPoint. It is still possible to directly trace a line on the image when using the tool.
- The White Balance eyedropper and the Dust correction tool work in single-image mode.
- The effects of dust correction are visible at all levels of zoom.
- The maximum size of the dust tool has been increased to 100 pixels.
- DNG files originating from a conversion from Adobe Lightroom or Adobe DNG Converter are supported, so long as the original RAW file is also supported.
- A new default workspace groups together the tools into four palettes (Light, Color, Detail, Geometry). The Essential tools palette, which offers a selection of tools from the four palettes, is always available to provide quick access to the most frequently-used corrections.
- The presets delivered with DxO OpticsPro no longer include the geometric corrections or white balance, except for the DxO Standard (default) and No Correction presets.
- The icons on the image browser thumbnails have changed. The statuses “DxO Optics Module available” and “To process” are no longer displayed so as not to clutter the display when in default mode.
- The denoising preview loupe has been enlarged.
- The alignment of all of the sliders has been harmonized among the different palettes.
- The dimensions of the images are displayed in pixels during cropping.
- During a crop with set proportions, it is possible to change the proportions free-hand by holding down the Ctrl key.
- During free-hand cropping, it is possible to preserve the current proportions by holding down the Shift key.
- The GPS coordinates of images are displayed in the EXIF palette.
- When uploading of a folder, the first image is automatically selected.
- PRIME denoising runs about 4x faster.
- Folders and projects load about 10x faster.
- The application launches about 1.5x faster.
- Compatibility with high-resolutions screens has been improved.
- The DxO FilmPack 5 plugin provides access to the same tools as in the standalone version. A DxO FilmPack 5 license is required to be able to use the plugin.
- The DxO ViewPoint plugin provides access to the same perspective and volume deformation correction tools as in the standalone application. A DxO ViewPoint license is required to be able to use the plugin.
- Support for three new cameras:
  - Nikon D750
  - Panasonic FZ1000
  - Sony A5100

### **Known limitations introduced in DxO OpticsPro 10**

- It is now necessary to have the DxO ViewPoint plugin in order to use the perspective and volume deformation tools. Customers who do not already have a DxO ViewPoint license, and who own a DxO OpticsPro license for versions earlier than version 10, are entitled to a free DxO ViewPoint 1 license when they upgrade to version 10.
- During dust correction, the preview of the effect may slightly differ depending on the zoom level. Preview at 100% corresponds exactly to the final image rendering.
- Lossy DNG format files are not yet supported.
- No guarantee is given with respect to support for DNG files that come from converters other than Adobe Lightroom or Adobe DNG Converter. DNG files corresponding to unsupported cameras (whether coming from Adobe Lightroom or DNG converter or not) are also not supported.

- The Selective tool feature works in the same way as in DxO OpticsPro 9 so long as DxO Smart Lighting is in DxO OpticsPro 7 or 9 mode.
- Windows Vista and other 32-bit operating systems are no longer supported (and will no longer be in the future).
- Images taken with Fuji S3 Pro, S5 Pro, S100fs and converted to DNG format are not supported.