



# PhotoLab

## Version 1.2.2

### Windows

#### System requirements

- Intel Core® 2 or AMD Athlon™ 64 X2 or higher (Intel Core® i5 or higher recommended)
- 4 GB of RAM (8 GB recommended)
- 4 GB or more of available hard-disk space
- Microsoft® Windows® 7 (64-bit) with Service Pack 1, Microsoft® Windows® 8.1 (64-bit), or Microsoft® Windows® 10 (64-bit, and still supported by Microsoft®).  
More information: <https://support.dxo.com/hc/articles/115015671008>
- DirectX 9.0c-capable system
- OpenCL 1.2-capable graphic card with 1GB of video memory to handle OpenCL acceleration

#### Installation and activation

- Installing the latest Microsoft updates for Windows is recommended before installing the application.
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#### New features in DxO PhotoLab 1.2.2

- Bug fixes :
  - Adobe Lightroom Classic CC compatibility issues

#### New features in DxO PhotoLab 1.2.1

- Bug fixes :
  - Significant artifacts on the image when applying Gradient
  - Latest Adobe Lightroom version (CC) not properly detected by DxO PhotoLab
  - Vignetting correction on Mavic Pro
  - Panasonic G9 ISO 100 saturation problems
  - Other minor bugs

#### New features in DxO PhotoLab 1.2

- 7 new cameras supported:
  - Panasonic Lumix TZ90/ZS70/TZ91/TZ92/TZ93
  - Panasonic Lumix GF9/GX800/GX850
  - Panasonic Lumix DMC G9
  - Apple iPhone 8 Plus
  - Apple iPhone X
  - Canon EOS 200D / Rebel T7 / EOS Kiss X90 / EOS 1500D
  - Sony A7 III
- Local adjustments user experience enhancement:
  - New option to display U Point mask.

- Default radius when adding a control point to U Point mask remains the same that the last one added.
  - Hue and Selective tone are now available in local adjustments.
  - Local adjustments design has been updated with correction categorization.
- Minor bug fixes.

## New features in DxO PhotoLab 1.1.2

- 3 new cameras supported:
  - Sony A7R Mark III
  - Leica M10: No optic module will be supported with this camera due to missing required information in Exif (FNumber)
  - Canon G1 X Mark III
- General fixes
  - U Points and automask don't take into account impact from repair tool
  - « Internal error » when reopening a picture using settings including a big amount of brush strokes with changing radius.
  - Local bokeh used with U Points has a too strong impact on areas far from U Points.
  - Wrong exposure setting migration from OpticsPro 9 when smart lighting was set to intensity 0 or off.
  - Rare cases of Moiré generated by lens sharpness correction.
  - PRIME generate in rare cases colored artifacts near bright areas.
  - Slight aliasing when exporting a picture with a downsizing up to 50%.
  - Minor bug fixes

## New features in DxO PhotoLab 1.1

- New flow and opacity settings for brush and eraser tools.
- New comparison mode is available to compare before/after local adjustments when the tool is opened.
- 6 new cameras supported:
  - DJI Mavic PRO
  - DJI Phantom 4 PRO
  - Olympus OM-D E-M10 Mark III
  - Sony RX10 IV
  - Canon EOS M100
  - Olympus Tough TG-5
- Minor bug fixes.

## Key features in DxO PhotoLab

- **Produce RAW and JPEG images** with the best image quality: DxO PhotoLab provides a complete set of smart assisted corrections that you can manually fine-tune at any time
- **DxO Smart Lighting tool** optimizes the dynamic range of your image and brings out the details from both under- and overexposed areas.
- **DxO Clearview** intelligently boosts local contrast and effectively removes distant haze.
- **DxO PRIME** automatically denoises high ISO RAW images and recovers accurate details and colors based on our exclusive algorithms.
- **Optical corrections:** Leverage your gear with tailored automatic corrections based on DxO's renowned scientific expertise in measurement and calibration.
- **Lens sharpness:** Enhance image sharpness even for noisy and high ISO pictures, thanks to tailored automatic lens calibration algorithms.
- **Local adjustments introducing U-POINT®:** With Control Points, manually select your editing area by simply clicking on the part of your image you want to adjust.
- **Brush:** Paint specific areas you need to adjust, and fine-tune the settings according to your needs.
- **Graduated filters:** Simulate graduated ND Filters and locally adjust exposure, contrast, vibrancy, and other settings.
- **Automatic Repair tool:** Remove undesired elements from your image and enjoy faster processing and seamless image results.

## Known limitations

- It is now necessary to have the DxO ViewPoint plugin in order to use the perspective and volume deformation tools.
- 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.