

Capture One 5.0 Release Notes

Introduction

Capture One 5 is a raw converter and workflow software which enables photographers to reduce the time and effort required to deliver stunning ready-to-use images with excellent color and detail.

Capture One is designed to create the best image quality in the market and holds a series of easy-to-use tools created to match the professional photographer's daily workflow.

Capture One 5 is made by Phase One, the world's leading manufacturer of high-end digital camera systems, in collaboration with the world's leading professional photographers.

Highlighted new features

This new release of Capture One comes in three versions: 5.0, 5.0 PRO and 5.0 DB.

Capture One 5.0 is a paid upgrade to customers with Capture One 4.x and 4.x PRO and a free upgrade to customers with Capture One 4.x DB.

Capture One 5.0 PRO/DB is a major upgrade to the respective versions of Capture One 3.x. Existing customers with Capture One 3.x PRO/DB can upgrade to a similar version of Capture One 5.0 at no extra cost.

Capture One 5.0 PRO/DB includes a host of new features including the following:

- Focus Mask: Accelerate your image selection by using the Focus Mask for fast verification of image focus
- Focus Tool: Get an instant, true view of image focus with the Focus tool
- RGB Levels & Curves: Adjust individual color channels easily with RGB Levels and Curves
- Skin Tone Enhancer: Achieve perfect, smooth and soft appearing skin tones with the Skin Tone Enhancer
- Dust removal: Erase dust spots with a single click
- Watermark: Enhance image rights protection and watermark your images
- Local Copy and Apply: Easily copy and apply individual image tool adjustments to other images and save time
- Improved Workspaces: Customize your workspace to make your personal workflow more efficient. Includes a selection of best practice default workspaces
- Improved Tools and Tool tabs: Customize your tool tabs to accelerate your personal workflow
- Edit Keyword and IPTC Metadata: Access and edit a comprehensive set of metadata fields
- Local and EIP Camera Profiles: Provides a convenient way of packing your master file for smooth cooperation with your customers. You now also have the possibility to include ICC camera profiles in the EIP package
- LCC based Light Falloff: Even out differences in the light and compensate for lens fall off
- Viewer Margin and Proof Margin: Possible to set viewer margin (and proof margin) to improve evaluation of image composition and colors.
- Improved Live Preview: Compose shots from your monitor with Live Preview (improved performance and now available for P 65+/P 40+ and Windows®)
- Improved Vignetting: Add vignettes to the edges of your images for artistic effect (follows crop)

- Achieve better and faster workflow when using large screens with the new Preview Image Size Preference setting
- The Web Contact Sheet now supports larger image sizes
- Smart Saturation in Color Editor provides more natural colors
- Improved Session Handling
- Improved Importer makes import more simple and intuitive
- Improved Progress Indication provides a quick visual overview of application tasks
- Improved Image Quality
 - Sharpening: Keep natural colors in transition areas with improved Sharpening Control
 - Long exposure: Reduce noise in long-exposure images with the Long Exposure Slider
- Added camera support
 - Leaf Aptus II 5, Aptus II 6, Aptus II 7, Aptus II 10
 - Leaf Afi II 6,7,10
 - Mamiya DM22, DM28, DM33, DM56
 - Canon 7D, S90, G11
 - Nikon D300s, D5000, D3000
 - Pentax KX
 - Sony DSLR-A850, DSLR-A380
 - Enhancements for Canon 500D, Sony A230, A330, A700, A900, Olympus EP-1
 - New P65+ and P40+ Portrait Color Profile
- Tethered capture support has been expanded to include Canon EOS 500D/Rebel T1i, Nikon D5000 and Nikon D300S cameras
- Capture One 5 now includes 64-bit drivers for 64-bit versions of Windows XP, Windows Vista, and Windows 7.
- And many other enhancements

You can learn more about the new release at: <http://www.phaseone.com>.

System requirements

Capture One 5.0 may run on other and older equipment than what's listed below but to ensure the best possible results we recommend that your computer at minimum conforms to the following specifications:

Microsoft® Windows®:

- Intel® Pentium® 4 or better
- 2 GB of RAM
- 10 GB of free hard disk space
- Calibrated color monitor with 1280 x 800, 24 bit resolution at 96dpi screen ruling
- Windows XP® SP3, Windows Vista® SP2, Windows 7®.
- Microsoft® .NET Framework version 3.5 Service Pack 1 Redistributable package
 - In case you do not already have this installed, Capture One will initiate installation of this.
- A PDF reader is needed to access the help file

Apple® Macintosh®:

- Intel-based Mac
- 2 GB of RAM
- 10 GB of free hard disk space
- Calibrated color monitor with 1280 x 800, 24 bit resolution at 96dpi screen ruling
- Mac OS X 10.6, 10.5.8 or later

The above hardware specifications are to be considered as minimum requirements. If you work with high resolution camera systems or simply want to optimize the performance, please follow the recommendations below:

- Using processor with multiple cores, e.g. Intel Core™ Duo or better
- Having 4 GB of RAM or more
- Plenty of hard disk space for your images!
- A fast hard disk
- For tethered shooting with Phase One digital backs ensure that your system complies with the following recommendations:
 - Sufficient Firewire power supply, i.e. 10W is required, which is more than what many laptops are able to supply.
 - Activate “Force Battery” setting in Digital Back when using host computer with insufficient Firewire power supply.
 - Use the 4.5 m Phase One Firewire cable

You need an internet connection when activating Capture One 5.0.

Installation

Capture One 5.0 is compatible with previous 4.x versions.

If you upgrade from 4.5.X, 4.6.X, 4.7.X or 4.8.X versions, the settings are unchanged, and will be reused. Version 4.0 and 4.1.X settings will be upgraded automatically. Version 3.X settings are not supported or possible to migrate.

If you want to keep your existing versions of Capture One 4 you can install this newer version of Capture One 5 in a different location. However, it is generally recommended that you only install one version of Capture One.

Install on Windows:

Capture One includes an easy-to-use installer that will install all the software you need to run the application on a Windows based computer.

To install the software, please follow the procedure below:

1. Load the Capture One CD, or download the application from the Phase One website:
<http://www.phaseone.com>
2. Run the executable software install file.
3. Read and accept the license agreement when presented.
4. Follow the on-screen instructions to complete the installation.

Install on Mac OS X:

Capture One includes an easy-to-use installer that will install all the software necessary to run the application on Mac OS X.

To install the software, please follow the procedure below:

1. Load the Capture One CD, or download the application from the Phase One website:
<http://www.phaseone.com>
2. Open the Capture One disk image.
3. Read and accept the license agreement when presented.
4. Drag the Capture One icon to the Applications folder.
5. Start the Capture One application from your Applications folder.

RAW file support

Capture One 5.0 DB supports RAW files from the following digital backs/cameras:

Phase One: P 65+, P 45+, P 40+, P 30+, P 25+, P 21+, P 20+, P 45, P 30,
P 25, P 21, P 20, H 25, H 20, H 10, H 101, H 5, LightPhase

Mamiya: M31, M22, M18, DM22, DM28, DM33, DM56

Leaf: Aptus II 5, Aptus II 6, Aptus II 7, Aptus II 10, Afi II 6, Afi II 7, Afi II 10

Additionally Capture One 5.0 / 5.0 PRO supports RAW files from the following digital backs/cameras:

Canon: 1Ds Mark III, 1D Mark III, 1D Mark II N, 1Ds Mark II, 1D Mark II, 1Ds, 1D, 7D,
5D Mark II, 5D, 50D, 40D, 30D, 20D, 10D, 500D/Rebel T1i, 450D/Rebel XSi, 400D/Rebel
XTi, 350D/Rebel XT, 300D/Rebel, 1000D, D60, D30, Pro 1, G11, G10, G9, G6, G5, G3,
G2, S90

Epson: R-D1s, R-D1

Fuji: S5 Pro, S3 Pro, S2 Pro

Konica

Minolta: Alpha 5 D / Maxxum 5 D / Dynax 5 D, Alpha 7 D / Maxxum 7 D / Dynax 7 D, A1, A2

Leica: M9, M8, D-LUX 4, Digilux 3, Digital Module R for R8 and R9 cameras

Mamiya: MZD, ZD Back

Nikon: D3X, D3, D2Xs, D2X, D2Hs, D2H, D1X, D1H, D700, D300s, D300, D200, D100, D90,
D80, D70s, D70, D60, D50, D40X, D40, D5000, D3000, P6000

Olympus: E-620, E-3, E-520, E-510, E-450, E-P1, E-420, E-410, E-500, E-1, E-10, E-20, E-30, E-
330, E-300, E-400, C-7070, C-8080

Pentax: K20D, K10D, K7, KX, K200D, K110D, K100D Super, K100D, K2000/K-m, *istDL2, *istDL,
*istD, *istDS2, *istDS
(Only PEF files supported)

Sony: DSLR-A900, DSLR-A850, DSLR-A700, DSLR-A380, DSLR-A350, DSLR-A330, DSLR-
A300, DSLR-A230, DSLR-A200, DSLR-A100, DSC-R1

Adobe: DNG (raw DNG support only). The DNG support is not optimized for specific cameras.

Tethered camera support

Capture One 5.0 PRO/DB has tethered support for the following digital backs/cameras:

Phase One: P 65+, P 40+, P 45+, P 30+, P 21+, P 25+, P 20+
P 45, P 30, P 25, P 21, P 20, H 25, H 20, H 101, H 10, H 5, LightPhase

Mamiya: M31, M22, M18

Additionally Capture One 5.0 PRO has tethered support for the following cameras:

Canon: 1Ds Mark III, 1D Mark III, 1D Mark II N, 1Ds Mark II, 1D Mark II, 5D Mark II, 5D, 50D,
40D, 30D, 20D, 500D/Rebel T1i, 450D/Rebel XSi, 400D/Rebel XTi, 350D/Rebel XT,
1000D/Rebel XS

Nikon: D3X, D3, D700, D300, D300s, D200, D90, D80, D60, D5000, D40x, D40

Known issues

Below you will find a list of known issues for Capture One 5.0 at the time of shipping.

General:

- Live Preview for P 65+ and P 40+ requires a Digital Back firmware update, which enables Live Preview support.
- Using a large preview image size will affect performance.
- ICC version 4 profiles and some ICC version 2 profiles are not supported for Mac OS, Windows 7 and Windows Vista.
- Setting the white balance on a connected camera from the Camera tool is supported for Phase One Digital Backs and selected Mamiya Digital Backs. It is not available for Canon and Nikon DSLR cameras.
- Sessions are not cross platform compatible.
- For Canon 1D Mark II, 1Ds Mark II, 1D Mark II N: These cameras only support remote capture via the FireWire port. Clear any messages on the LCD panel of the camera before connecting the camera, otherwise capturing will be disabled.
- For Canon 5D Mark II, 5D, 20D, 500D/Rebel T1i, 450D/Rebel XSi, 400D/Rebel XTi, and 350D/Rebel XT: Set the camera's communication setting to PC connection or Normal to enable remote capture. Do not use thePrint/PTP or PTP setting.
- Browsing folders containing unsupported image files may affect application performance
- Image previews created with a version prior to Capture 4.7 will be updated with Capture One 5.0. The first time you access folders with existing Capture One previews the application performance can be slow.
- Presets made with Capture One 5.0 may not be compatible with older versions of Capture One.
- Do not open the shutter on the camera prior to opening the Live Preview window. Doing so will generate errors on the digital back after closing the Live Preview window. The recommended procedure for using Live Preview is to first open the Live Preview window, then open the shutter on the camera, use Live Preview as desired, when done close the shutter on the camera, and close the Live Preview window.

Mac:

- When you have disconnected a camera do not reconnect a camera until the Camera tool status changes to "No Camera Attached".
- Certain version (e.g. 2.4) of the Logitech Control Center may conflict with the tethered capture functionality of Capture One. We strongly recommend upgrading to the latest version of the Logitech Control Center.
- It is only possible to show the Capture One toolbar in "Icon Only" mode.
- Using e.g. a US laptop keyboard it might be preferable to change some of the standard keyboard shortcuts.

Windows:

- On 64-bit versions of Windows, Capture One 5 does not support tethered capture if the computer has 4GB or more of physical memory.
- JPEG Quickproof[®] is not available for Windows.
- Library tool cannot be closed or moved from the default tab.
- Windows drivers are required for some older models of Canon DSLR cameras to be able to shoot tethered. These drivers are available from Canon's web site.
- Connecting some Canon cameras to the computer after launching Capture One might result in tethered capture being unavailable. If you experience this, connect the camera to the computer prior to launching Capture One.

Troubleshooting and support

For troubleshooting assistance and support please refer to our on-line resources at:
<http://www.phaseone.com/support>

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