

Capture One 6.2.1 Release Notes

Introduction

Capture One 6 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 6 is designed to create the best image quality on the market and holds a series of easy-to-use tools created to match the professional photographer's daily workflow.

Capture One 6 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.

Capture One 6 comes in three versions: Express, Pro and DB.

Capture One 6 is a paid upgrade for Capture One.

Highlights, version 6.2.1

This is a service release improving quality.

Bugfixes

In particular, this release fixes a stability issue primarily observed on Macs with 8 cores or more. In addition it fixes handful of mostly stability issues on both platforms.

Highlights, version 6.2

This is a minor release providing additional features, improved quality and additional camera support.

Features and Enhancements

The following new features and enhancements are provided:

- Auto rotation and auto keystone (for relevant cameras).
- Local adjustment of saturation and clarity.
- Invert local adjustments mask.
- Copy local adjustments mask from other layer.
- Auto sync of XMP metadata (sidecars only).
- Revised warning preferences.
- Option to always show readout pins.
- Camera white balance presets available in camera tool.
- Aspect Ratio/SensorFlex/Image Area mode available in camera tool (for relevant cameras).
- More camera controls for Canon and Nikon.
- During play, slideshow waits for a high quality image to be available before transitioning.
- On Mac, new option to make all new files writable for everyone.
- On Mac, IIQ and EIP files will now be rendered in the Finder with their adjustments applied using the supplied QuickLook plug-in.
- Improved OpenCL and 64 bit performance.
- Improved LCC when used with some wide-angle lenses on technical cameras.
- Improved high ISO noise reduction for Canon 1Ds Mark II and 1D Mark IV
- Improved highlight recovery for Panasonic cameras.

Bugfixes

In particular, the following issues are addressed:

- Leaf Aptus 22, 65 and 75 file compatibility issues.

In addition the release contains fixes for a number of other issues.

Camera Support

- Phase One IQ180, IQ160 and IQ140 including tethered support.
- Canon 600D/Rebel T3i and 1100D/Rebel T3 including tethered support.
- Fuji X100.
- Nikon D5100 (preliminary)
- Panasonic DMC-GH2 and DMC-GF2.
- Ricoh GR DIGITAL, GR DIGITAL II, GR DIGITAL III, GX100, GX200, GRX S10, GXR P10, GXR A12
- Samsung NX5, NX10, NX11 and NX100.
- Sony SLT-A55, SLT-A33, NEX-3 and NEX-5.

You can learn more about the new release at: <http://www.phaseone.com/6>.

System requirements

Capture One 6.2.1 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 the 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 (32bit only), Windows Vista® SP2 (32 and 64bit), Windows 7® SP1 (32 and 64bit)
- Microsoft® .NET Framework version 4.0 (will be installed if not present)
- A PDF reader is needed to read the Release Notes
- Flash is required to view the video on the Welcome Screen

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 10.6.6, 10.5.8 or later
- Flash is required to view the video on the Welcome Screen

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:

- Use processors with multiple cores, e.g. Intel Core™ Duo or better
- For Windows systems with more than 4 cores use Windows 7 64bit version.
- Have 4 GB of RAM or more
- Leave plenty of hard disk space free for your images.
- A fast hard disk e.g. a Solid State Disk (SSD)

You need an Internet connection when activating Capture One 6.2.1.

Installation

Capture One 6.2.1 is compatible with previous 5.x and 4.x versions.

If you upgrade from any Capture One 5 version the settings will be shared. If you upgrade from any Capture One 4 version the settings will be migrated. If you upgrade from any version of Capture One 3, the original settings cannot be reused.

If you want to keep your existing versions of Capture One 4 or Capture One 5 you can install this newer version of Capture One 6 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.

In addition Leaf and Mamiya DM Back users should install specific Leaf drivers before connecting their back by selecting Install Leaf Drivers from the Capture One menu in the application. We recommend that you Quit Capture One and restart the computer after the installation.

RAW file support

Capture One 6.2.1 DB supports RAW files from the following digital backs/cameras:

- Phase One: IQ180, IQ160, IQ140,
P65+, P40+, P45+, P30+, P21+, P25+, P20+, Achromatic+,
P45, P30, P25, P21, P20, H 25, H 20, H 101, H 10, H 5, LightPhase.
- Mamiya: DM56, DM40, DM33, DM28, DM22, M31, M22, M18.
- Leaf: Aptus-II 12R, Aptus-II 12, Aptus-II 10R, Aptus-II 10, Aptus-II 8, Aptus-II 7, Aptus-II 6, Aptus-II 5, AFi-II 12, AFi-II 10, AFi-II 7, AFi-II 6.

Additionally Capture One 6.2.1 Express / Pro supports RAW files from the following digital backs/cameras:

- Leaf: Aptus 75S, Aptus 65S, Aptus 54S, AFi 7, AFi 6, AFi 5, Aptus 75, Aptus 65, Aptus 22, Aptus 17.
- Mamiya: MZD, ZD Back.
- Canon: 1D Mark IV, 1Ds Mark III, 1D Mark III, 1D Mark II N, 1Ds Mark II, 1D Mark II, 1Ds, 1D, 7D, 5D Mark II, 5D, 60D, 50D, 40D, 30D, 20D, 10D, 600D/Rebel T3i, 550D/Rebel T2i, 500D/Rebel T1i, 450D/Rebel XSi, 400D/Rebel XTi, 350D/Rebel XT, 300D/Rebel, 1100D/Rebel T3, 1000D/Rebel XS, D60, D30, Pro 1, G12, G11, G10, G9, G6, G5, G3, G2, S95, S90.
- Epson: R-D1s, R-D1.
- Fuji: S5 Pro, S3 Pro, S2 Pro, X100
- Konica
Minolta: Alpha 5 D / Maxxum 5 D / Dynax 5 D, Alpha 7 D / Maxxum 7 D / Dynax 7 D, A1, A2.
- Leica: D-Lux 5, X1, M9, M8, D-Lux 4, Digilux 3, Digital Module R for R8 and R9 cameras.
- Nikon: D3s, D3X, D3, D2Xs, D2X, D2Hs, D2H, D1X, D1H, D700, D300s, D300, D200, D100, D90, D80, D70s, D70, D60, D50, D40X, D40, D7000, D5100 (preliminary), D5000, D3100, D3000, P7000, P6000.
- Olympus: E-5, E-PL2, E-PL1, XZ-1, E-620, E-3, E-520, E-510, E-450, E-P1, E-P2, E-420, E-410, E-500, E-1, E-10, E-20, E-30, E-330, E-300, E-400, C-7070, C-8080.
- Panasonic: DMC-GF2, DMC-GF1, DMC-GH2, DMC-G2, DMC-GH1, DMC-G1, DMC-G10, DMC-LX5, DMC-LX3, DMC-FZ100, DMC-FZ45.
- Pentax: K-5, K-r, K20D, K10D, K7, KX, K200D, K110D, K100D Super, K100D, K2000/K-m, *istDL2, *istDL, *istD, *istDS2, *istDS. Only PEF files supported.
- Ricoh: GR DIGITAL, GR DIGITAL II, GR DIGITAL III, GX100, GX200, GRX S10, GXR P10, GXR A12
- Samsung: NX5, NX10, NX11 and NX100.

Sony: DSLR-A900, DSLR-A850, DSLR-A700, DSLR-A550, DSLR-A500, DSLR-A380, DSLR-A350, DSLR-A330, DSLR-A300, DSLR-A230, DSLR-A200, DSLR-A100, DSC-R1, SLT-A55, SLT-A33, NEX-5, NEX-3.

Adobe: DNG 1.2 (raw DNG support only). The DNG support is not optimized for specific cameras.

Tethered camera support

Capture One 6.2.1 Pro / DB has tethered support for the following digital backs/cameras:

Phase One: IQ180, IQ160, IQ140,
P65+, P40+, P45+, P30+, P21+, P25+, P20+, Achromatic+,
P45, P30, P25, P21, P20, H 25, H 20, H 101, H 10, H 5, LightPhase.

Mamiya: DM56, DM40, DM33, DM28, DM22, M31, M22, M18.

Leaf: Aptus-II 12R, Aptus-II 12, Aptus-II 10R, Aptus-II 10, Aptus-II 8, Aptus-II 7, Aptus-II 6, Aptus-II 5, AFi-II 12, AFi-II 10, AFi-II 7, AFi-II 6.

Additionally Capture One 6.2.1 Pro has tethered support for the following cameras:

Leaf: Aptus 75S, Aptus 65S, Aptus 54S, AFi 7, AFi 6, AFi 5, Aptus 75, Aptus 65, Aptus 22, Aptus 17.

Canon: 1D Mark IV, 1Ds Mark III, 1D Mark III, 5D Mark II, 7D, 60D, 50D, 40D, 600D/Rebel T3i, 550D/Rebel T2i, 500D/Rebel T1i, 450D/Rebel XSi, 1100D/Rebel T3, 1000D/Rebel XS.
Some older Canon models may work to some extent but no support is provided for these.

Nikon: D3s, D3x, D3, D700, D300, D300s, D200, D90, D80, D60, D7000, D5000, D40x, D40.

The extent of tethered support will vary depending on the back/camera connected. Live View is not supported for Canon and Nikon.

Recommendations and Limitations

All Users

- When you have disconnected a camera do not reconnect a camera until the Camera tool status changes to "No Camera Attached".

DSLR Users

- For Canon 5D, 20D and 350D/Rebel XT: Set the camera's communication setting to PC connection or Normal to enable remote capture. Do not use the Print/PTP or PTP setting.
- 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.

Back Users

- For tethered shooting with Phase One Digital Backs make sure that your system can either supply at least 10W power via Firewire (more than most laptops can supply) or make sure to activate the "Force Battery" setting on the back. Use the 4.5m Phase One Firewire cable.
- For tethered shooting with Leaf and Mamiya DM digital backs make sure that your system can supply at least 12W power via Firewire (more than most laptops can supply). Use a Leaf or Mamiya Firewire cable.
- Do not open the shutter on the camera prior to opening the Live View window. Doing so will generate errors on the digital back after closing the Live View window. The recommended procedure for using Live View is to first open the Live View window, then open the shutter on the camera, use Live View as desired, when done, close the shutter on the camera, and close the Live View window.
- For Leaf Backs and Mamiya DM systems, the camera body must be selected in preferences before connecting the back.
- For Leaf Backs and Mamiya DM systems, in the case of a communication error during firmware upload, please wait 10 minutes before disconnecting the FireWire cable.
- Leaf Aptus II 8 only works with black and white live view.

Known Issues

Below you will find a list of known issues for Capture One 6.2.1 at the time of shipping.

All Users

- Sessions are not cross platform compatible.
- 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 6.2.1. The first time you access folders with existing Capture One previews the application performance can be slow.
- Presets made with Capture One 6 are not compatible with older versions of Capture One.
- Using e.g. a US laptop keyboard it might be preferable to change some of the standard keyboard shortcuts.

Mac Users

- Certain versions (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.

Windows Users

- 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.
- If you have Bonjour 2.0.3 installed you may experience problems with Capture Pilot. Bonjour 2.0.2 (shipping with Capture One 6.) and 2.0.4 (shipped with iTunes) have been tested to work with Capture Pilot. To check the version number of Bonjour, go to 'Control Panel' and select 'Programs and Features' ('Add/Remove Programs' on WinXP).
- Nikon D80 and Nikon D200 will not tether on Windows 7.

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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