Capture One 11.1

Engineered for your creativity

Capture One Release Notes

Capture One 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 is a professional RAW converter offering you ultimate image quality with beautiful colors and incredible detail for more than 500 high-end cameras. It offers state-of-the-art tethered capture, powerful digital asset management, extensive adjustment tools and a flexible workflow through customizable workspaces.

All run modes are included in the one installer and the run mode is determined by the license key used. The trial is also included in the installer and is registered as the full product upon activation. Capture One is available in 5 modes:

- Capture One Pro
- Capture One Enterprise
- Capture One DB (Digital Back only)
- Capture One Pro Sony
- Capture One Express Sony

The release notes include notes for all releases of Capture One.
Previous release notes can be found in the Phase One download archive.

Best regards,
Team Phase One

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11.1.1 Camera Support

11.1.1 Lens Support

- Leica M (typ 262)

11.1.1 Bug Fixes Mac

- Fixed a an issue with "Crop to Path" not respecting full canvas
- Fixed an issue where Histogram did not respect crop
- Fixed an issue with Auto Crop in CH edition
- Fixed an issue where the GUI duplicated folders in the library tool (Catalog)
- Fixed an issue where the include "All Other Metadata" option was ignored

11.1.1 Bug Fixes Windows

- Fixed an issue where Resource hub didn't work for some users
- Fixed an issue with Explorer's "open with" command not working for files
- Improved viewer update performance during rapid tethered Capture

11.1 Feature Summary

Capture One 11.1 is a feature release containing new features, performance improvements, bug fixes and new camera and lens support.

New Feature Summary

- New Normalize tool
- Create Style Layers from the Styles tool
- Enhanced LCC presets
- Expanded Apple Script
- Includes "SPRING" Style Pack

Performance

- Faster importing for large collections on Mac
- Faster "locate" directories (in Catalogs) on Windows

Notable changes

- Customize Toolbar now supports Icon & Text when selected (Mac)
- Floating tools persist when switching focus to another app (Mac)
- Improved Live View for D850
- Faster tethering performance on Windows

11.1 Feature Walk Through

New: Normalize tool

The Normalize tool is designed to make easier baseline corrections to images. The tool allows you to store any RGB values in a picker, on which to base corrective White Balance and Exposure values in the target image.

There are two ways to use the tool. Either by using the Normalize pickers to pick and store a value (to then use and apply on other images), or by typing in the desired RGB values in the Color Selector which will set the values to the Apply tool.

This is especially useful for correcting difficult images, working in Target critical environments, or aligning a look across varied exposures.

The Normalize tool replaces the Skin Tone White Balance tab in the White Balance tool but can be used in exactly the same way by excluding the Exposure option.

Create Style Layers (from the Styles tool)

11.0 added the ability to apply presets to masks. The access to this ability has been improved for Styles by adding a new feature to the Styles tool. Right click on a Style in the Styles tool to show Layer options: Add to Background, Add to new Layer or Add to Current Layer.

Note only Styles and Presets where the adjustment is supported in masks can be applied to layers - e.g Grain, Meta data, Rotation presets are not supported in this approach. In these cases the Style will only be partially applied where possible.

"Spring" Styles pack included

The "SPRING" Styles pack is included in 11.1 to use in conjunction with the improved Styles workflow. The original built-in Styles are consolidated to a "LEGACY" Styles pack. Both packs can be found in the Styles tool under the "Built-in Styles" section.

New Shortcuts

Shortcuts for "Layer On/Off" and "Go To Background" are added to shortcut manager for faster workflow when working with layers.

Enhanced LCC presets

LCC presets can now include the lens profile and shift X/Y data (if used) as part of the saved preset, to aid in more streamlined workflow when correcting for lens cast. If an image is selected (with parameters in the lens tool set that match a stored preset), the enhanced LCC preset manager will suggest "recommended" LCC presets from all the users stored presets (using Aperture, Lens and shift data to suggest relevant presets).

Creating LCC presets

To leverage the new ability, make sure the lens profile and Movements tab is properly configured for the calibration source file before creating the LCC preset. Create the LCC, then save as preset. It is a good idea to name the preset using relevant data for future reference - Aperture, Lens and Shift info for example.

Expanded Apple Script (Mac only)

Industrial and high volume users can leverage more automated processes with additional support for the following Apple Script functions:

- Document Templates
- Camera attribute stepping
- Easier Favorite collection creation (can be file (URL) or text (POSIX path))
- Auto adjustments
- Variant Reset
- Open Scripting Dictionary from within Capture One
- Camera Focus commands
- Back-up Document
- Layer Adjustments
- Color balance Adjustments

System Requirements

We recommend that your computer has at least the minimum specifications outlined below to run Capture One.

Microsoft® Windows® minimum requirements

- Intel or AMD CPU with 2 cores
- 8 GB of RAM
- 10 GB of free hard disk space
- Color calibrated monitor with 1280x800, 24-bit resolution at 96dpi screen ruling
- Windows 7® SP1 64-bit, Windows 8.1® 64-bit, Windows 10® 64-bit*
- Microsoft® .NET Framework version 4.7 (will be installed if not present)

Support for Capture One 11 on Windows 10 is supported for builds supporting .NET 4.7 - This is currently from Windows 10 Anniversary Update (build 1607) through to Fall Creators Edition (build 1709)

Apple® Macintosh® minimum requirements

- Intel CPU with 2 cores
- 8 GB of RAM
- 10 GB of free hard disk space
- Calibrated color monitor with 1280x800, 24-bit resolution at 96dpi
- OS X 10.11.6, macOS 10.12.6, macOS 10.13*

Support for macOS 10.13 is supported for builds up to 10.13.4

Recommended system requirements

If working with high-resolution images and doing calculation-heavy adjustments we recommend the following:

- Intel CPU with 4+ cores
- 16+ GB of RAM
- Solid State Disk (SSD)
- Dual (matching) Graphics card from NVIDIA or AMD with 4GB+ RAM per card

Note: Due to the significant additional calculation overhead, systems using 4k/5k monitors will require additional resources in addition to the above recommended spec (both in GPU and CPU power). For a Professional experience we recommend at least doubling the specification above for these configurations.

Installation

Capture One 11 is compatible with previous 10.x, 9.x, 8.x, 7.x and 6.x versions. For existing users it is recommended to migrate images from 5.x and 4.x to at least version 8.x first, before opening in 11.x

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:

- Download the application from the Phase One website: http://www.phaseone.com/downloads.aspx
- Run the executable software install file (.exe)
- Read and accept the license agreement when presented.
- Follow the on-screen instructions to complete the installation.
- Read and accept the license agreement when presented.

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.

Install on OS X

Capture One includes an easy-to-use installer that will install all the software necessary to run the application on OS X.
To install the software, please follow the procedure below:

- Download the application from the Phase One website: http://www.phaseone.com/downloads.aspx
- Open the Capture One disk image (.dmg)
- Drag the Capture One icon to the Applications folder.
- Start the Capture One application from your Applications folder.
- Read and accept the license agreement when presented.

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".
- DNG support not optimized for some cameras.

- Leaf Aptus II 8 only works with black and white Live View.
- Focus controls for iXR and iXA cameras are only supported by IQ and Credo backs.
- Orientation override does not work in live view for Leaf Aptus/AFi backs. Users wishing to lock orientation during live view should use the camera orientation setting.

Other camera users

- The following functionality is not supported for Fujifilm X-trans RAW files: processing/exporting to DNG.
- Some cameras provide mutlishot functionality by way of (e.g.) multiple exposure or pixel shifting. In most cases the functionality will not be available in Capture One, however a single RAW file from the "stack" may be viewable and editable in Capture One (as if it was a shot in single Capture mode).

Digital Back users

- Battery charging on IQ systems can cause issues with stability over Thunderbolt adapters or in low power devices such as laptops. Switch charging off in the digital back menu if you suffer repeated disconnections.
- For tethered shooting with Phase One or Credo 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 Aptus and Mamiya DM digital backs make sure that your system can supply at least 12W of power via FireWire (more than most laptops can supply). Use a Leaf or Mamiya FireWire cable and repeater.
- Unless otherwise specified for your Phase One camera system, 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 application 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.

Known issues

Below you will find a list of known issues for Capture One 11 at the time of shipping:

All users

- Browsing folders containing unsupported image files may affect application performance.
- Previews from earlier versions of Capture One may be updated. In some cases, this can affect the application performance the first time images are viewed in this version of Capture One.
- If using a non US laptop keyboard it might be preferable to change some of the standard keyboard shortcuts.
- Editing images in external applications other than Adobe Photoshop might result in unexpected behavior.
- Operation under virtualization software (e.g. Parallels, Hackintosh etc) may cause instability. We do not recommend you use these OS configurations.

Mac users

- Live View over USB can stall without the use of a repeater.

Windows users

- 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 9) 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'.
- Importing a catalog can result in the last picture not getting imported.
- Operation under RAMDisk by Dataram is known to cause issues with disk labeling. Capture One is not supported with this configuration.
- Plays.TV/Raptr installed along with some AMD devices can cause instability

File support: Notes and limitations

The appendices below contain the data sheets for supported cameras in Capture One.

The information here is subject to change. Some errors may be omitted. For issues and clarification on any camera listed here, contact Phase One Support via support.phaseone.com

Capture One DNG colors

Capture One has the ability to treat and display camera files that were converted to DNG, as if it was the original RAW. The file in question has to come from a camera we officially support with native RAW support and the RAW data also needs to have been embedded in the DNG at the point of conversion. Note we do not support Adobe Lens or Color Profiles in this workflow.

Other file support

Layered Tiff: Capture One 9.1 onward can support Tiff files with alpha channel or layers saved in the file (from other apps like Adobe Photoshop) but for viewing purposes only. Reprocessing the image will result in a new flattened image.

PSD: Capture 10.1 onward can support PSD files in the viewer. The PSD can contain any adjustments, layers, text or smart objects but must be saved in Photoshop with "maximise compatibility" enabled. Reprocessing the image from Capture One will result in a new flattened image.

File size limitations:

- Smallest supported file for viewing: minimum side of 16px
- Smallest supported file for editing: minimum side of 512px.
- Largest supported file: Width x Height must be smaller than 40000 x 20000 pixels or sum thereof.

Camera support:

RAW files support is listed below with known limitations listed in the notes section. Special or auxiliary modes (like pixel shift) are only supported if noted. If the information below is incomplete or you need specific information pertaining to support in Capture One please make a support case - support.phaseone.com

Model	Version Added	Required Run Modes	Tethered/Live View	File Support	Notes
IQ3 100MP Trichromatic	10.2.0	DB or Pro	Yes/Yes	IIQ 16bit/ IIQ L/ IIQ S	None
IQ3 100MP	9.0.2	DB or Pro	Yes/Yes	IIQ 16bit/ IIQ L/ IIQ S	None
IQ3 100MP Achromatic	10.1.1	DB or Pro	Yes/Yes	IIQ 16bit/ IIQ L/ IIQ S	None
IQ3 80MP	8.3.4	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ3 60MP	8.3.4	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ3 50MP	8.3.4	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ280	7.2.4	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ260	7.2.4	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ260 Achromatic	7.2.4	DB or Pro	Yes/Yes	IIQ L/IIQ S	No Live view
IQ250	7.2.4	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ1 100MP	9.3.0	DB or Pro	Yes/Yes	IIQ 16bit/ IIQ L/ IIQ S	None
IQ180	6.4.5	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ160	6.4.5	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ160 Achromatic	7.2.4	DB or Pro	Yes/No	IIQ L/IIQ S	No Live view
IQ150	8.3.4	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
IQ140	6.4.5	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
P65+	4.8.3	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
P40+	4.8.3	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
P45+	3.7.9	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
P30+	3.7.9	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
P25+	3.7.9	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
P21+	3.7.9	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
P20+	3.7.9	DB or Pro	Yes/Yes	IIQ L/IIQ S	None
Achromatic+	5.2.1	DB or Pro	Yes/No	IIQ L/IIQ S	No Live view
P45	3.7.9	DB or Pro	Yes/Yes*	IIQ L/IIQ S	Live view upgrade required
P30	3.7.9	DB or Pro	Yes/Yes*	IIQ L/IIQ S	Live view upgrade required
P25	3.7.9	DB or Pro	Yes/No	IIQ L/IIQ S/ Uncompressed	None
P21	3.7.9	DB or Pro	Yes/Yes*	IIQ L/IIQ S	Live view upgrade required
P20	3.7.9	DB or Pro	Yes/No	IIQ L/IIQ S/ Uncompressed	None
H 25	3.7.9	DB or Pro	Yes/No	IIQ/TIF Uncompressed	None
H 20	3.7.9	DB or Pro	Yes/No	IIQ/TIF Uncompressed	None
H 101	3.7.9	DB or Pro	Yes/No	IIQ/TIF Uncompressed	None
H 10	3.7.9	DB or Pro	Yes/No	IIQ/TIF Uncompressed	None
H 5	3.7.9	DB or Pro	Yes/No	IIQ/TIF Uncompressed	None
LightPhase	3.7.9	DB or Pro	Yes/No	IIQ/TIF Uncompressed	None

Model	Version Added	Required Run Modes	File Support	Tethered/Live View	Notes
iXG-100MP	10.1.1	DB or Pro	IIQ 16bit/ IIQ L/ IIQ S	Yes/Yes	None
iXG-100MP Achro	10.2.0	DB or Pro	IIQ 16bit/ IIQ L/ IIQ S	Yes/Yes	None
iXG-50MP	10.2.0	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
iXU-1000 Achro	10.2.0	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
iXU-RS1000	9.3.0	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
iXU-RS1000 Achro	10.2.0	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
iXU-RS180	9.3.0	DB or Pro	IIQ L/IIQ S	Yes/No	No live view
iXU-RS160 Achromatic	9.3.0	DB or Pro	IIQ L/IIQ S	Yes/No	No live view
iXU-RS160	9.3.0	DB or Pro	IIQ L/IIQ S	Yes/No	No live view
iXU-1000	9.3.0	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
iXU150	8.3.4	DB or Pro	IIQ L/IIQ S	Yes/Yes	None

Model	Version Added	Required Run Modes	File Support	Tethered/Live View	Notes
Credo 80	6.4.5	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
Credo 60	6.4.5	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
Credo 50	7.2.4	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
Credo 40	6.4.5	DB or Pro	IIQ L/IIQ S	Yes/Yes	None
Aptus-II 12R	6.4.5	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus-II 12	6.4.5	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus-II 10R	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus-II 10	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus-II 8	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus-II 7	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus-II 6	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus-II 5	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
AFi-II 12	6.4.5	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
AFi-II 10	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
AFi-II 7	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
AFi-II 6	5.2.1	DB or Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered

Leaf and Mamiya Legacy

Model	Version Added	Required Run Modes	File Support	Tethered/Live View	Notes
Aptus 75S	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus 65S	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus 54S	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
AFi 7	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
AFi 6	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
AFi 5	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus 75	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus 65	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus 22	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
Aptus 17	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered

Model	Version Added	Required Run Modes	File Support	Tethered/Live View	Notes
DM56	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
DM40	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
DM33	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
DM28	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
DM22	5.2.1	Pro	MOS compressed/uncompressed	Yes/Yes	Only compressed when tethered
M31	4.8.3	DB or Pro	IIQ L/IIQ S	Yes/No	None
M22	4.8.3	DB or Pro	IIQ L/IIQ S	Yes/No	None
M18	4.8.3	DB or Pro	IIQ L/IIQ S	Yes/No	None

Model	Version Added	Required Run Modes	File support	Tethered/Live View	Notes
MZD	4.8.3	Pro	MEF	No/No	None
ZD back	4.8.3	Pro	MEF	No/No	None

SONY

Model	Version Added	File Support	Required run modes	Tethered/Live View	Notes
a9	10.1.0	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a7R III	10.2.1	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a7R II	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a7R	7.2.4	ARW	Express Sony/Pro Sony/Pro	Yes*/No*	Pro Sony/Pro required for tethering
a7S II	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a7S	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a7 III	11.1.0	ARW	Express Sony/Pro Sony/Pro	Yes/Yes*	Pro Sony/Pro required for tethering + Live View
a7 II	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a7	7.2.4	ARW	Express Sony/Pro Sony/Pro	Yes*/No*	Pro Sony/Pro required for tethering
a6500	10.0.0	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a6300	9.1.0	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a6000	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/No*	Pro Sony/Pro required for tethering
a5100	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro (for Sony)/Pro required for tethering
a5000	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering
a3500	10.0.0	ARW	Express Sony/Pro Sony/Pro	No/No	None
a3000	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-7	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-6	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-5T	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-5R	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-5N	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-5	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-3N	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-F3	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-C3	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-3	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-VG900	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-VG30	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
NEX-VG20	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a99 II	10.0	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a99	7.2.4	ARW	Express Sony/Pro Sony/Pro	Yes*/No/No*	Pro Sony/Pro required for tethering
a77 II	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a77	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a68	9.1.0	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
a65	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a58	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a57	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a55	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None

SONY®

Model	Version Added	File Support	Required run modes	Tethered/Live View	Notes
a37	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a35	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
a33	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
a900	4.8.3	ARW	Express Sony/Pro Sony/Pro	No/No	None
a850	5.2.1	ARW	Express Sony/Pro Sony/Pro	No/No	None
a700	4.8.3	ARW	Express Sony/Pro Sony/Pro	No/No	None
a580	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
a560	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a550	5.2.1	ARW	Express Sony/Pro Sony/Pro	No/No	None
a500	5.2.1	ARW	Express Sony/Pro Sony/Pro	No/No	None
a450	6.4.5	ARW	Express Sony/Pro Sony/Pro	No/No	None
a390	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a380	5.2.1	ARW	Express Sony/Pro Sony/Pro	No/No	None
a350	4.8.3	ARW	Express Sony/Pro Sony/Pro	No/No	None
a330	5.2.1	ARW	Express Sony/Pro Sony/Pro	No/No	None
a300	4.8.3	ARW	Express Sony/Pro Sony/Pro	No/No	None
a290	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
a230	5.2.1	ARW	Express Sony/Pro Sony/Pro	No/No	None
a200	4.8.3	ARW	Express Sony/Pro Sony/Pro	No/No	None
a100	3.7.9	ARW	Express Sony/Pro Sony/Pro	No/No	None
QX-1	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
RX1RM2	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
RX1R	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
RX1	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
RX10M4	10.2.1	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
RX10M3	9.1.1	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
RX10M2	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
RX10	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
RX100M5	10.0.0	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
RX100M4	8.3.4	ARW	Express Sony/Pro Sony/Pro	Yes*/Yes*	Pro Sony/Pro required for tethering + Live View
RX100M3	8.3.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
RX100M2	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
RX100	7.2.4	ARW	Express Sony/Pro Sony/Pro	No/No	None
R1	3.7.9	SR2	Express Sony/Pro Sony/Pro	No/No	None
RX0	10.2.1	ARW	Express Sony/Pro Sony/Pro	No/No	None

Model	Version Added	Required Run Modes	File Support	Tethered/Live View	Notes
1D C	7.2.4	Pro	CR2	Yes/Yes	None
1D X Mark II	9.1.2	Pro	CR2	Yes/Yes	Face detection Auto focus not supported in Live View
1D X	6.4.5	Pro	CR2	Yes/Yes	None
1D Mark IV	5.2.1	Pro	CR2	Yes/Yes	None
1Ds Mark III	3.7.9	Pro	CR2	Yes/Yes	None
1D Mark III	3.7.9	Pro	CR2	Yes/Yes	None
1D Mark II N	3.7.9	Pro	CR2	No/No	None
1Ds Mark II	3.7.9	Pro	CR2	No/No	None
1D Mark II	3.7.9	Pro	CR2	No/No	None
1Ds	3.7.9	Pro	CR2	No/No	None
1D	3.7.9	Pro	CR2	No/No	None
5DS	9.3.0	Pro	CR2	Yes/Yes	None
5DS R	9.3.0	Pro	CR2	Yes/Yes	None
5D Mark IV	9.3.0	Pro	CR2	Yes/Yes	Dual pixel AF adjustment not supported
5D Mark III	6.4.5	Pro	CR2	Yes/Yes	None
5D Mark II	4.8.3	Pro	CR2	Yes/Yes	None
5D	3.7.9	Pro	CR2	No/No	None
6D Mark II	10.2.0	Pro	CR2	Yes/Yes	None
6D	7.2.4	Pro	CR2	Yes/Yes	None
7D Mark II	8.3.4	Pro	CR2	Yes/Yes	None
7D	5.2.1	Pro	CR2	Yes/Yes	None
80D	9.1.2	Pro	CR2	Yes/Yes	mRAW not supported
77D	10.2.0	Pro	CR2	Yes/Yes	None
70D	7.2.4	Pro	CR2	Yes/Yes	None
60D	7.2.4	Pro	CR2	Yes/Yes	None
50D	7.2.4	Pro	CR2	Yes/Yes	None
40D	3.7.9	Pro	CR2	Yes/Yes	None
30D	3.7.9	Pro	CR2	No/No	None
20D	3.7.9	Pro	CR2	No/No	None
10D	3.7.9	Pro	CRW	No/No	None
800D/Rebel T7i	10.2	Pro	CR2	Yes/Yes	None
760D/Rebel T6s	8.3.4	Pro	CR2	Yes/Yes	None
750D/Rebel T6i	8.3.4	Pro	CR2	Yes/Yes	None
700D/Rebel T5i	7.2.4	Pro	CR2	Yes/Yes	None
650D/Rebel T4i	7.2.4	Pro	CR2	Yes/Yes	None
600D/Rebel T3i	6.4.5	Pro	CR2	Yes/Yes	None

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Model	Version Added	Required Run Modes	File Support	Tethered/Live View	Notes
550D/Rebel T2i	5.2.1	Pro	CR2	Yes/Yes	None
500D/Rebel T1i	4.8.3	Pro	CR2	Yes/Yes	None
450D/Rebel XSi	4.8.3	Pro	CR2	Yes/Yes	None
400D/Rebel XTi	3.7.9	Pro	CR2	No/No	None
350D/Rebel XT	3.7.9	Pro	CR2	No/No	None
300D/Rebel	3.7.9	Pro	CRW	No/No	None
200D/Rebel SL2	10.2.0	Pro	CR2	No/No	None
1300D	9.1.2	Pro	CR2	Yes/Yes	None
1200D/Rebel T5	7.2.4	Pro	CR2	Yes/Yes	None
1100D/Rebel T3	7.2.4	Pro	CR2	Yes/Yes	None
1000D/Rebel XS	4.8.3	Pro	CR2	Yes/Yes	None
100D/Rebel SL1	7.2.4	Pro	CR2	Yes/Yes	None
D60	3.7.9	Pro	CRW	No/No	None
D30	3.7.9	Pro	CRW	No/No	None
M10	9.2.0	Pro	CR2	No/No	None
M6	10.2.0	Pro	CR2	No/No	None
M5	10.0.2	Pro	CR2	No/No	None
M3	8.3.4	Pro	CR2	No/No	None
M	7.2.4	Pro	CR2	No/No	None
Pro 1	3.7.9	Pro	CRW	No/No	None
G7X mk II	9.2.0	Pro	CR2	No/No	None
G7X	8.3.4	Pro	CR2	No/No	None
G1X mk II	7.2.4	Pro	CR2	No/No	None
G1X	6.4.5	Pro	CR2	No/No	None
G16	9.3.0	Pro	CR2	No/No	None
G15	8.3.4	Pro	CR2	No/No	None
G12	6.4.5	Pro	CR2	No/No	None
G11	5.2.1	Pro	CR2	No/No	None
G10	4.8.3	Pro	CR2	No/No	None
G9X	9.2.0	Pro	CR2	No/No	None
G9	3.7.9	Pro	CR2	No/No	None
G6	3.7.9	Pro	CRW	No/No	None
G5X	9.2.0	Pro	CR2	No/No	None
G5	3.7.9	Pro	CRW	No/No	None
G3X	8.3.4	Pro	CR2	No/No	None
G3	3.7.9	Pro	CRW	No/No	None
G2	3.7.9	Pro	CRW	No/No	None
S120	8.3.4	Pro	CR2	No/No	None

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Model	Version Added	Required Run Modes	File Support	Tethered/Live View	Notes
S110	9.3.0	Pro	CR2	No/No	None
S100	6.4.5	Pro	CR2	No/No	None
S95	6.4.5	Pro	CR2	No/No	None
S90	6.4.5	Pro	CR2	No/No	None

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Model	Version Added	Required run modes	File Support	Tethered/Live View	Notes
D5	9.1.1	Pro	NEF	Yes/Yes	12 bit uncompressed supported in 11.1.0 and later
D4s	7.2.4	Pro	NEF	Yes/Yes	RAW-S not supported
D4	6.4.5	Pro	NEF	Yes/Yes	RAW-S not supported
DF	7.2.4	Pro	NEF	Yes/Yes	None
D3s	5.2.1	Pro	NEF	Yes/Yes	None
D3X	4.8.3	Pro	NEF	Yes/Yes	None
D3	3.7.9	Pro	NEF	Yes/Yes	None
D2Xs	3.7.9	Pro	NEF	No/No	None
D2X	3.7.9	Pro	NEF	Yes/No*	Tethered support for Windows only
D2Hs	3.7.9	Pro	NEF	No/No	None
D2H	3.7.9	Pro	NEF	No/No	None
D1X	3.7.9	Pro	NEF	No/No	None
D1H	3.7.9	Pro	NEF	No/No	None
D850	10.2.0	Pro	NEF	Yes/Yes	12 bit uncompressed supported in 11.1.0 and later
D810	7.2.4	Pro	NEF	Yes/Yes	RAW-S not supported
D810A	8.3.4	Pro	NEF	Yes/Yes	RAW-S not supported
D800	6.4.5	Pro	NEF	Yes/Yes	RAW-S not supported
D800E	6.4.5	Pro	NEF	Yes/Yes	RAW-S not supported
D750	8.3.4	Pro	NEF	Yes/Yes	None
D700	4.8.3	Pro	NEF	Yes/Yes	None
D610	7.2.4	Pro	NEF	Yes/Yes	None
D600	7.2.4	Pro	NEF	Yes/Yes	None
D500	9.2.0	Pro	NEF	Yes/Yes	12 bit uncompressed supported in 11.1.0 and later
D300s	5.2.1	Pro	NEF	Yes/Yes	None
D300	3.7.9	Pro	NEF	Yes/Yes	None
D200	3.7.9	Pro	NEF	Yes/No*	Tethered support for Windows only
D100	3.7.9	Pro	NEF	No/No	None
D90	4.8.3	Pro	NEF	Yes/Yes	None
D80	3.7.9	Pro	NEF	Yes/No	None
D70s	3.7.9	Pro	NEF	No/No	None
D70	3.7.9	Pro	NEF	No/No	None
D60	4.8.3	Pro	NEF	Yes/No	None
D50	3.7.9	Pro	NEF	No/No	None
D40X	3.7.9	Pro	NEF	Yes/No	None
D40	3.7.9	Pro	NEF	Yes/No	None
D7500	10.2.0	Pro	NEF	Yes/Yes	None
D7200	8.3.4	Pro	NEF	Yes/Yes	None

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Model	Version Added	Required run modes	File Support	Tethered/Live View	Notes
D7100	7.2.4	Pro	NEF	Yes/Yes	None
D7000	6.4.5	Pro	NEF	Yes/Yes	None
D5600	10.1.0	Pro	NEF	Yes/Yes	None
D5500	8.3.4	Pro	NEF	Yes/Yes	None
D5300	7.2.4	Pro	NEF	Yes/Yes	None
D5200	7.2.4	Pro	NEF	Yes/Yes	None
D5100	6.4.5	Pro	NEF	Yes/Yes	None
D5000	5.2.1	Pro	NEF	Yes/Yes	None
D3400	10.1.0	Pro	NEF	No/No	None
D3300	8.3.4	Pro	NEF	No/No	None
D3200	7.2.4	Pro	NEF	No/No	None
D3100	6.4.5	Pro	NEF	No/No	None
D3000	5.2.1	Pro	NEF	No/No	None
P330	7.2.4	Pro	NEF	No/No	None
P340	8.3.4	Pro	NEF	No/No	None
P7800	7.2.4	Pro	NEF	No/No	None
P7700	7.2.4	Pro	NEF	No/No	None
P7100	6.4.5	Pro	NEF	No/No	None
P7000	6.4.5	Pro	NEF	No/No	None
P6000	5.2.1	Pro	NEF	No/No	None
1 AW1	7.2.4	Pro	NEF	No/No	None
J5	10.0.2	Pro	NEF	No/No	None
J4	8.3.4	Pro	NEF	No/No	None
J3	7.2.4	Pro	NEF	No/No	None
J2	7.2.4	Pro	NEF	No/No	None
J1	6.4.5	Pro	NEF	No/No	None
V3	9.3.0	Pro	NEF	No/No	None
V2	7.2.4	Pro	NEF	No/No	None
V1	6.4.5	Pro	NEF	No/No	None
S1	7.2.4	Pro	NEF	No/No	None
Coolpix A	7.2.4	Pro	NEF	No/No	None

Model	Version Added	Required Run Modes	File Support	Tethered/Live view	Notes
Leica SL	9.1.0	Pro	DNG native	No/No	None
M (Typ 262)	11.1.1	Pro	DNG native	No/No	None
M (Typ 240)	7.2.4	Pro	DNG native	No/No	None
M-E (Typ 220)	7.2.4	Pro	DNG native	No/No	None
M Monochrome (Typ 246)	10.2.0	Pro	DNG native	No/No	None
M-Monochrom	7.2.4	Pro	DNG native	No/No	None
Leica M10	10.2.0	Pro	DNG native	No/No	None
Leica M9	4.8.3	Pro	DNG native	No/No	None
Leica M8	3.7.9	Pro	DNG native	No/No	None
Leica M-P	10.2.0	Pro	DNG native	No/No	None
CL	11.1.0	Pro	DNG native	No/No	None
TL2	11.1.0	Pro	DNG native	No/No	None
Q (Typ 116)	8.3.4	Pro	DNG native	No/No	None
C (Typ 112)	8.3.4	Pro	RWL	No/No	None
X-U	11.1.0	Pro	DNG native	No/No	None
X (Typ 113)	8.3.4	Pro	DNG native	No/No	None
X Vario	7.2.4	Pro	DNG native	No/No	None
X2	7.2.4	Pro	DNG native	No/No	None
X1	5.2.1	Pro	DNG native	No/No	None
T (Typ 701)	8.3.4	Pro	DNG native	No/No	None
V-Lux (Typ 114)	11.1.0	Pro	DNG native	No/No	None
V-Lux 4	7.2.4	Pro	RWL	No/No	None
D-Lux (Typ 109)	8.3.4	Pro	RWL	No/No	None
D-Lux 6	7.2.4	Pro	RWL	No/No	None
D-Lux 5	6.4.5	Pro	RWL	No/No	None
D-Lux 4	5.2.1	Pro	RW2	No/No	None
Digilux 3	3.7.9	Pro	RAW	No/No	None
Digital Module R	3.7.9	Pro	RAW	No/No	None

Model	Version Added	Required Run Modes	File Support	Tethered/Live View	Notes
X-Pro2	9.1.1	Pro	RAF	No/No	Export to DNG not supported
X-Pro1	7.2.4	Pro	RAF	No/No	Export to DNG not supported
X-H1	11.1.0	Pro	RAF	No/No	Export to DNG not supported
X-T2	9.3.0	Pro	RAF	No/No	Export to DNG not supported
X-T1	7.2.4	Pro	RAF	No/No	Export to DNG not supported
X100F	10.0.2	Pro	RAF	No/No	Export to DNG not supported
X100T	8.3.4	Pro	RAF	No/No	Export to DNG not supported
X100S	7.2.4	Pro	RAF	No/No	Export to DNG not supported
X100	6.4.5	Pro	RAF	No/No	None
X-T20	10.1.0	Pro	RAF	No/No	Export to DNG not supported
X-A10	10.1.0	Pro	RAF	No/No	Export to DNG not supported
XT10	8.3.4	Pro	RAF	No/No	Export to DNG not supported
X10	6.4.5	Pro	RAF	No/No	Export to DNG not supported
XQ2	10.1.0	Pro	RAF	No/No	Export to DNG not supported
XQ1	7.2.4	Pro	RAF	No/No	Export to DNG not supported
X-A3	10.0.2	Pro	RAF	No/No	Export to DNG not supported
X-A2	8.3.4	Pro	RAF	No/No	Export to DNG not supported
X-A1	7.2.4	Pro	RAF	No/No	Export to DNG not supported
X-M1	7.2.4	Pro	RAF	No/No	Export to DNG not supported
X-S1	7.2.4	Pro	RAF	No/No	Export to DNG not supported
X-E3	11.0.1	Pro	RAF	No/No	Export to DNG not supported
X-E2s	9.3.0	Pro	RAF	No/No	Export to DNG not supported
X-E2	7.2.4	Pro	RAF	No/No	Export to DNG not supported
X-E1	7.2.4	Pro	RAF	No/No	Export to DNG not supported
XF1	8.3.4	Pro	RAF	No/No	Export to DNG not supported
X70	9.3.0	Pro	RAF	No/No	Export to DNG not supported
X30	8.3.4	Pro	RAF	No/No	Export to DNG not supported
X20	7.2.4	Pro	RAF	No/No	Export to DNG not supported
S5 Pro	3.7.9	Pro	RAF	No/No	Export to DNG not supported
S3 Pro	3.7.9	Pro	RAF	No/No	Export to DNG not supported
S2 Pro	3.7.9	Pro	RAF	No/No	Export to DNG not supported

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Model	Version Added	Required run modes	File Support	Tethered Support	Notes
E-M1 mkII	10.0.0	Pro	ORF	No/No	None
E-M1	8.3.4	Pro	ORF	No/No	None
E-1	3.7.9	Pro	ORF	No/No	None
E-M5 II	8.3.4	Pro	ORF	No/No	High res mode not supported
E-M5	7.2.4	Pro	ORF	No/No	None
E-M10 Mk III	11.1.0	Pro	ORF	No/No	None
E-M10 Mk II	9.1.0	Pro	ORF	No/No	None
E-M10	7.2.4	Pro	ORF	No/No	None
Pen-F	9.1.0	Pro	ORF	No/No	Pixel shift mode not supported
E-PL9	11.1.0	Pro	ORF	No/No	None
E-PL7	8.3.4	Pro	ORF	No/No	None
E-PL6	10.0.2	Pro	ORF	No/No	None
E-PL5	7.2.4	Pro	ORF	No/No	None
E-PL3	6.4.5	Pro	ORF	No/No	None
E-PL2	6.4.5	Pro	ORF	No/No	None
E-PL1	5.2.1	Pro	ORF	No/No	None
E-PM2	7.2.4	Pro	ORF	No/No	None
E-PM1	6.4.5	Pro	ORF	No/No	None
E-P5	7.2.4	Pro	ORF	No/No	None
E-P3	6.4.5	Pro	ORF	No/No	None
E-P2	5.2.1	Pro	ORF	No/No	None
E-P1	5.2.1	Pro	ORF	No/No	None
E-5	6.4.5	Pro	ORF	No/No	None
E-3	3.7.9	Pro	ORF	No/No	None
E-620	4.8.3	Pro	ORF	No/No	None
E-520	4.8.3	Pro	ORF	No/No	None
E-510	3.7.9	Pro	ORF	No/No	None
E-500	3.7.9	Pro	ORF	No/No	None
E-450	5.2.1	Pro	ORF	No/No	None
E-420	4.8.3	Pro	ORF	No/No	None
E-410	3.7.9	Pro	ORF	No/No	None
E-400	3.7.9	Pro	ORF	No/No	None
E-330	3.7.9	Pro	ORF	No/No	None
E-300	3.7.9	Pro	ORF	No/No	None
E-30	4.8.3	Pro	ORF	No/No	None
E-20	3.7.9	Pro	ORF	No/No	None
E-10	3.7.9	Pro	ORF	No/No	None

OLYMPUS

Model	Version Added	Required run modes	File Support	Tethered Support	Notes
C-7070	3.7.9	Pro	ORF	No/No	None
C-8080	3.7.9	Pro	ORF	No/No	None
Stylus 1	7.2.4	Pro	ORF	No/No	None
TG-5	10.2.0	Pro	ORF	No/No	None
TG-4	8.3.4	Pro	ORF	No/No	None
XZ-2 iHS	7.2.4	Pro	ORF	No/No	None
XZ-1	6.4.5	Pro	ORF	No/No	None
XZ-10	7.2.4	Pro	ORF	No/No	None

Model	Version added	Required run modes	File Support	Tethered Support	Notes
GR II	9.1.0	Pro	DNG native	No/No	None
GR	7.2.4	Pro	DNG native	No/No	None
GR DIGITAL IV	6.4.5	Pro	DNG native	No/No	None
GR DIGITAL III	6.4.5	Pro	DNG native	No/No	None
GR DIGITAL II	6.4.5	Pro	DNG native	No/No	None
GR DIGITAL	6.4.5	Pro	DNG native	No/No	None
GX200	6.4.5	Pro	DNG native	No/No	None
GX100	6.4.5	Pro	DNG native	No/No	None
GXR A16	7.2.4	Pro	DNG native	No/No	None
GXR A12	6.4.5	Pro	DNG native	No/No	None
GRX S10	6.4.5	Pro	DNG native	No/No	None
GXR P10	6.4.5	Pro	DNG native	No/No	None

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Model	Version Added	Required run modes	File Support	Tethered Support	Notes
GX8	8.3.4	Pro	RW2	No/No	None
GX80	9.3.0	Pro	RW2	No/No	None
GX85	9.3.0	Pro	RW2	No/No	None
GX7 Mk II	9.3.0	Pro	RW2	No/No	None
GX7	7.2.4	Pro	RW2	No/No	None
GX1	6.4.5	Pro	RW2	No/No	None
GF7	8.3.4	Pro	RW2	No/No	None
GF6	7.2.4	Pro	RW2	No/No	None
GF5	7.2.4	Pro	RW2	No/No	None
GF3	6.4.5	Pro	RW2	No/No	None
GF2	6.4.5	Pro	RW2	No/No	None
GF1	5.2.1	Pro	RW2	No/No	None
GM5	8.3.4	Pro	RW2	No/No	None
GM1	8.3.4	Pro	RW2	No/No	None
GH5S	11.1.0	Pro	RW2	No/No	None
GH5	10.1.0	Pro	RW2	No/No	None
GH4	7.2.4	Pro	RW2	No/No	None
GH3	7.2.4	Pro	RW2	No/No	None
GH2	6.4.5	Pro	RW2	No/No	None
GH1	5.2.1	Pro	RW2	No/No	None
G9	11.1.0	Pro	RW2	No/No	None
G8/G80/G81/G85	10.0.2	Pro	RW2	No/No	None
G7/ DMC-G70	9.1.2	Pro	RW2	No/No	None
G6	7.2.4	Pro	RW2	No/No	None
G5	7.2.4	Pro	RW2	No/No	None
G3	6.4.5	Pro	RW2	No/No	None
G2	6.4.5	Pro	RW2	No/No	None
G1	5.2.1	Pro	RW2	No/No	None
G10	6.4.5	Pro	RW2	No/No	None
TZ85/ZS60/TZ80	10.1.0	Pro	RW2	No/No	None
TZ100/ZS100/TZ101	10.1.0	Pro	RW2	No/No	None
FZ2000/FZH1	10.1.0	Pro	RW2	No/No	None
LX100	8.3.4	Pro	RW2	No/No	None
LX9/LX10/LX15	10.0.2	Pro	RW2	No/No	None
LX7	7.2.4	Pro	RW2	No/No	None
LX5	6.4.5	Pro	RW2	No/No	None
LX3	6.4.5	Pro	RW2	No/No	None

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Model	Version Added	Required run modes	File Support	Tethered Support	Notes
FZ72	7.2.4	Pro	RW2	No/No	None
FZ45	6.4.5	Pro	RW2	No/No	None
FZ200	7.2.4	Pro	RW2	No/No	None
FZ150	7.2.4	Pro	RW2	No/No	None
FZ1000	8.3.4	Pro	RW2	No/No	None
FZ100	6.4.5	Pro	RW2	No/No	None
LF1	7.2.4	Pro	RW2	No/No	None

PENTAX

Pentax

Model	Version Added	Required run modes	File Support	Tethered Support	Notes
K-1	9.2.0	Pro		No/No	Pixel shift mode not supported
K-01	7.2.4	Pro		No/No	None
K-30	7.2.4	Pro		No/No	None
K-3 II	8.3.4	Pro		No/No	Pixel shift mode not supported
K-3	7.2.4	Pro	PEF	No/No	PEF only
K-5 IIs	7.2.4	Pro		No/No	None
K-5 II	7.2.4	Pro		No/No	None
K-5	6.4.5	Pro		No/No	None
KP	10.1.0	Pro		No/No	None
K-70	10.1.0	Pro		No/No	None
K50	7.2.4	Pro		No/No	None
K-S2	9.1.0	Pro		No/No	None
K-r	6.4.5	Pro		No/No	None
K110D	4.8.3	Pro		No/No	None
K20D	4.8.3	Pro		No/No	None
K10D	3.7.9	Pro		No/No	None
K7	5.2.1	Pro		No/No	None
KX	5.2.1	Pro		No/No	None
K200D	4.8.3	Pro		No/No	None
K100D Super	4.8.3	Pro		No/No	None
K100D	4.8.3	Pro		No/No	None
K2000/K-m	4.8.3	Pro		No/No	None
MX-1	7.2.4	Pro		No/No	None
*istD	3.7.9	Pro		No/No	None
*istDL2	3.7.9	Pro		No/No	None
*istDL	3.7.9	Pro		No/No	None
*istDS2	3.7.9	Pro		No/No	None
*istDS	3.7.9	Pro		No/No	None
Q10	7.2.4	Pro		No/No	None
Q7	7.2.4	Pro		No/No	(FW 1.0.0 Only)
Q	6.4.5	Pro	PEF	No/No	PEF only

Model	Version Added	Required run modes	File Support	Tethered Support	Notes
NX1	8.3.4	Pro	SRW	No/No	None
NX11	6.4.5	Pro	SRW	No/No	None
NX3000	8.3.4	Pro	SRW	No/No	None
NX2000	8.3.4	Pro	SRW	No/No	None
NX30	8.3.4	Pro	SRW	No/No	None
NX20	6.4.5	Pro	SRW	No/No	None
NX10	6.4.5	Pro	SRW	No/No	None
NX5	6.4.5	Pro	SRW	No/No	None
NXMini	8.3.4	Pro	SRW	No/No	None
NX300	7.2.4	Pro	SRW	No/No	None
NX210	6.4.5	Pro	SRW	No/No	None
NX200	6.4.5	Pro	SRW	No/No	None
NX100	6.4.5	Pro	SRW	No/No	None
NX1000	6.4.5	Pro	SRW	No/No	None
EX2F	6.4.5	Pro	SRW	No/No	None

Model	Version Added	Required run modes	File Support	Tethered Support	Notes
Alpha 5 D	3.7.9	Pro	MRW	No/No	None
Alpha 7 D	3.7.9	Pro	MRW	No/No	None
A1	3.7.9	Pro	MRW	No/No	None
A2	3.7.9	Pro	MRW	No/No	None

Model	Version Added	Required run modes	File Support	Tethered Support	Notes
Cinema DNG	7.2.4	Pro	N/A	N/A	None
Linear DNG	7.2.4	Pro	N/A	N/A	None
DNG 1.4	8.3.4	Pro	N/A	N/A	None
Epson RD1	3.7.9	Pro	DNG	No/No	None
Epson RD1s	3.7.9	Pro	DNG	No/No	None
DxO One	9.0.1	Pro	DNG	No/No	Multi shoot mode not supported.

Phase One Lens Profiles (645)

Phase One

Focal plane lenses	Leaf shutter lens profiles
Digital AF 28mm f/4.5 Aspherical	LS 28mm f/4.5 Aspherical
Digital AF 35mm f/3.5	LS 35mm f/3.5 (Blue Ring)
Digital AF 45mm f/2.8	LS 40-80mm f/4.0-5.6
Digital AF 80mm f/2.8	LS 45mm f/3.5
Digital AF 150mm f/2.8 IF	LS 55mm f/2.8
Digital AF 150mm (2x Tele) f/5.6	LS 75-150mm f/4-5.6
Digital AF 120mm f/4 Macro	LS 80mm f/2.8
Digital Zoom AF 75-150mm f/4.5	LS 110mm f/2.8
Schneider-Kreuznach 120mm TS f/3.5	LS 120mm Macro f/4
MF 120mm f/4 Macro	LS 150mm f/2.8
	LS 150mm f/3.5
	LS 150mm (2x Tele) f/7.0
	LS 240mm f/4.5
	LS 240mm (2x Tele) f/9.0

Mamiya Lens Profiles (645)

Mamiya

Focal plane lenses	Leaf shutter lens profiles
Sekor MF 120mm f/4.0 Macro	Sekor LS 55mm f/2.8 D
Sekor AF 150mm f/2.8 IF D	Sekor LS 80mm f/2.8 D
Sekor AF 150mm IF D (2x Tele) f/5.6	Sekor LS 110mm f/2.8 D
Sekor AF 28mm f/4.5 Aspherical D	Sekor LS 150mm f/3.5
Sekor AF 80mm f/2.8 D	Sekor LS 150mm (2x Tele) f/7.0
A 200mm f/2.8 APO	Sekor LS 240mm f/4.5
A 300mm f/2.8 APO	Sekor LS 240mm (2x Tele) f/9.0
A 500mm f/4.5 APO	
AF 35mm f/3.5	
AF 45mm f/2.8	
Mamiya Sekor Fisheye ULD C 24mm 1:4	

A-Series and Technical Lens Profiles

Rodenstock

HR Digaron - S 5.6/23 mm
HR Digaron - W 4.0/32 mm
HR Digaron - S 4.0/35 mm
HR Digaron - W 4.0/40 mm
HR Digaron - W 4.0/50 mm
HR Digaron - W 4.0/40mm/Aerial
HR Digaron - W 4.0/50mm/Aerial
HR Digaron - W 5.6/70mm/Aerial
HR Digaron - W 5.6/70 mm
HR Digaron-SW 5.6/90 mm/Aerial
ALPA HR Alpagon 5.6/90mm
RS-32mm/Aerial
RS-40mm/Aerial
RS-50mm/Aerial
RS-70mm/Aerial
RS-90mm/Aerial

A - Series

Alpagon 5.6/23 mm
Alpar 4.0/35 mm
Alpagon 5.6/70mm

Schneider Kreuznach

Schneider RS 120mm iXG
Schneider RS 72mm iXG
Schneider Kreuznach RS-110mm/Aerial
Schneider Kreuznach RS-150mm/Aerial

Hasselblad V and H

Carl Zeiss (Hasselblad V)

Distagon T* 4/40 IF CFE

Distagon T* 3.5/60 CF

Distagon T* 2.8/80

Makro-Planar T* 4/120 CFE

Hasselblad H

HC 3.5/35

HC 2.8/80

HC 2.2/100

HC 3.2/150

HC 3.5-4.5/50-110

HC 4/120

HCD 4/28

Contax 645

Contax 645

Carl Zeiss Distagon T* 2.8/45

Carl Zeiss Distagon T* 3.5/35

Carl Zeiss Distagon T* 3.5/55

Carl Zeiss Planar T* 2/80

Carl Zeiss Apo-Makro-Planar T* 4/120

Carl Zeiss Sonnar T* 2.8/140

Carl Zeiss Sonnar T* 4/210

Sony Lens Profiles

Sony (E- Mount)

FE 24-70mm F2.8 GM (SEL2470GM)

FE 85mm F1.8 (SEL85F18)

FE 24-105mm F4 G OSS (SEL24105G)

FE 100mm F2.8 STF GM OSS (SEL100STFGM)

FE 70-200mm F2.8 GM OSS (SEL70200GM)

FE 70-200mm F4 G OSS (SEL70200G)

FE 70-200mm F2.8 GM OSS + Sony 1.4x Teleconverter (SEL14TC)

FE 70-200mm F2.8 GM OSS + Sony 2x Teleconverter (SEL20TC)

FE 70-300mm F4.5-5.6 G OSS (SEL70300G)

FE 85mm F1.4 GM (SEL85F14GM)

Zeiss Sonnar T* E 24 mm F1.8 ZA (SEL24F18Z)

Zeiss Vario-Tessar T* FE 16–35 mm F4 ZA OSS (SEL1635Z)

Zeiss Vario-Tessar T* E 16-70mm F4 ZA OSS (SEL1670Z)

Zeiss Vario-Tessar T* FE 24-70 mm F4 ZA OSS (SEL2470Z)

Zeiss Sonnar T* FE 35 mm F2.8 ZA (SEL35F28Z)

Zeiss Planar T* FE 50mm F1.4 ZA (SEL50F14Z)

Zeiss Sonnar T* FE 55mm F1.8 ZA (SEL55F18Z)

FE 12-24mm f4 G (SEL1224G)

FE 16-35mm f2.8 GM (SEL1635GM)

FE 24-240 F3.5-6.3 OSS (SEL24240)

FE 28mm F2 (SEL28F20)

FE 28mm F2 (SEL28F20) + Ultra wide converter (SEL075UWC)

FE 28mm F2 (SEL28F20) + Fisheye converter (SEL057FEC)

FE 28-70mm F3.5-5.6 OSS (SEL2870)

FE 35 mm F1.4 ZA (SEL35F14Z)

FE 50mm F1.8 (SEL50F18F)

FE 50mm F2.8 Macro (SEL50M28)

FE 100-400mm f/4.5-5.6 GM OSS (SEL100400GM)

Sony (E- Mount)

E 16mm F2.8 (SEL16F28)

E 20mm F2.8 (SEL20F28)

E 10-18mm F4 OSS (SEL1018)

E 18-55mm F3.5-5.6 OSS (SEL1855)

E PZ 16-50mm F3.5-5.6 OSS (SELP1650)

E PZ 18-105mm F4 G OSS (SELP18105G)

E 18-135mm f/3.5-5.6 OSS (SEL18135)

E 18–200mm F3.5-6.3 OSS (SEL18200)

E 18–200 mm F3.5–6.3 OSS LE (SEL18200LE)

E 30mm F3.5 Macro (SEL30M35)

E 35mm F1.8 OSS (SEL35F18)

E 50mm F1.8 OSS (SEL50F18)

E 55-210mm F4.5-6.3 OSS (SEL55210)

Sony Lens Profiles

Sony (A-Mount)

70-200mm F2.8 G SSM II (SAL70200G2)
70-200mm F2.8 G (SAL70200G)
300MM F2.8 G SSM II (SAL300F28G2)
70-300mm F4.5-5.6 G SSM (SAL70300G)
70-300mm F4.5-5.6 G SSM II (SAL70300G2)
70-400mm F4-5.6 G SSM (SAL70400G)
70-400mm F4-5.6 G SSM II (SAL70400G2)
Zeiss Vario-Sonnar T* 16-35 mm F2.8 ZA SSM II (SAL1635Z2)
Zeiss Vario-Sonnar T* 16-35mm F2.8 ZA SSM (SAL1635Z)
Zeiss Vario-Sonnar T DT 16–80 mm F3.5-4.5 ZA (SAL1680Z)
Zeiss Vario-Sonnar T* 24–70mm F2.8 ZA SSM II (SAL2470Z2)
Zeiss Vario-Sonnar T* 24-70mm F2.8 ZA SSM (SAL2470Z)
Zeiss Distagon T* 24mm F2 ZA SSM (SAL24F20Z)
Zeiss Planar T* 85 mm F1.4 ZA (SAL85F14Z)
Zeiss Sonnar T* 135mm F1.8 ZA (SAL135F18Z)
16mm F2.8 Fisheye (SAL16F28)
20mm F2.8 (SAL20F28)
35mm F1.4G (SAL 35F14G)
50mm F1.4 (SAL50F14)
50mm F2.8 Macro (SAL50M28)
85mm F2.8 SAM (SAL85F28)
100mm F2.8 Macro (SAL100M28)
DT 11-18mm F4.5-5.6 (SAL1118)
DT 16-50mm F2.8 SSM (SAL1650)
DT 18-55mm F3.5-5.6 SAM II (SAL18552)
DT 18–250mm F3.5–6.3 (SAL18250)
DT 30mm F2.8 Macro SAM (SAL30M28)
DT 35mm F1.8 SAM (SAL35F18)
DT 50mm F1.8 SAM (SAL50F18)
DT 55-200mm F4-5.6 (SAL55200)
DT 55-200mm F4-5.6 SAM (SAL55200-2)
28-75mm F2.8 SAM (SAL2875)
135mm F2.8 [T4.5] STF (SAL135F28)

Zeiss

Zeiss Batis 2.8/18
Zeiss Batis 2/25
Zeiss Batis 1.8/85
Zeiss Batis 2.8/135
Zeiss Touit 2.8/12
Zeiss Touit 1.8/32
Zeiss Touit 2.8/50
Zeiss Loxia 2.8/21
Zeiss Loxia 2/35
Zeiss Loxia 2/50
Zeiss Loxia 2.4/85

Sigma

30mm F2.8 EX DN
60mm F2.8 DN A

Voigtländer

Voigtländer 10mm/F5.6 Hyper Wide Heliar
Voigtländer 15mm/F4.5 Super Wide Heliar III

Canon Lens Profiles

Canon EF

EF 11-24mm f/4L USM
EF 14mm f/2.8 II USM
EF 16-35mm f/2.8L II USM
EF 16-35mm f/2.8L III USM
EF 16-35mm f/4L IS USM
EF 17-40mm f/4L USM
EF 20mm f/2.8 USM
EF 24-70mm f/2.8L USM
EF 24-70mm f/2.8L II USM
EF 24-70mm f/4L IS USM
EF 24-105mm f/4L IS USM
EF 24-105mm f4-5.6 IS STM
EF 24-105mm f4-5.6 IS II USM
EF 24mm /1.4L II USM
EF 28mm f/2.8 IS USM
EF 35mm f/1.4L USM
EF 35mm f/1.4 II USM
EF 40mm f/2.8 STM
EF 50mm f/1.2L USM
EF 50mm f/1.4 USM
EF 50mm f/1.8 STM
EF 50mm f/2.5 Compact Macro
EF 70-200mm f/2.8L USM
EF 70-200mm f/2.8L IS II USM
EF 70-200mm f/2.8L IS USM
EF 70-200mm f/4 L IS USM
EF 85mm f/1.2L II USM
EF 85mm f/1.8 USM
EF 100mm f/2.8 Macro USM
EF 100mm f/2.8L Macro IS USM
EF 100-400mm f/4.5-5.6L IS USM
EF 100-400mm f4.5-5.6L IS II USM
EF 135mm f/2L USM
EF 180mm f/3.5L Macro USM
EF 200mm f/2L IS USM
EF 300mm f/2.8L IS II USM
EF 300mm f/4L IS USM

Canon EF-S

EF-S 24mm f2.8 STM
EF-S 10-22mm f/3.5-4.5 USM
EF-S 15-85mm f/3.5-5.6 IS USM
EF-S 17-55mm f/2.8 IS USM
EF-S 17-85mm f/4-5.6 IS USM
EF-S 18-135 f3.5-5.6 IS USM
EF-S 18-135mm f/3.5-5.6 IS STM
EF-S 18-55mm f/3.5-5.6 IS STM
EF-S 18-55mm f/3.5-5.6 IS
EF-M15-45mm f/3.5-6.3 IS STM

Canon Lens Profiles

Sigma (Canon EF)

Sigma 24-35mm F2 DG HSM | A
Sigma 50mm F1.4 DG HSM | A
Sigma 18-300mm F3.5-6.3 DC MACRO OS HSM | C #886
Sigma 50-100mm F1.8 DC HSM | Art #693
Sigma 85mm F1.4 DG HSM | A #321

Zeiss (Canon EF)

Zeiss Otus 1.4/28
Zeiss Milvus 21mm F2.8
Zeiss Milvus 35mm F2
Zeiss Milvus 50mm F1.4
Zeiss Milvus 50mm F2
Zeiss Milvus 85mm F1.4
Zeiss Milvus 100mm F2

Tamron (Canon EF)

SP 15-30mm F/2.8 Di VC USD
SP 24-70mm F/2.8 Di VC USD
SP 24-70mm F/2.8 Di VC USD A007
SP 150-600mm F/5-6.3 Di VC USD
SP 150-600mm F/5-6.3 Di VC USD G2
16-300mm F/3.5-6.3 Di II VC PZD MACRO B016
28-300mm F/3.5-6.3 Di VC PZD A010
SP 35mm F/1.8 Di VC USD F012
SP 70-200mm F/2.8 Di VC USD G2 A025
SP 90mm F/2.8 Di MACRO 1:1 VC USD F017

Sigma (Canon EF)

8-16mm F4.5-5.6 DC HSM
10-20mm F3.5 EX DC HSM
105mm F2.8 EX DG OS HSM Macro
120-400mm F4.5-5.6 DG APO OS HSM
120-300mm F2.8 DG OS HSM | S
150-500mm F5-6.3 APO DG OS HSM
150mm F2.8 EX DG OS HSM APO Macro
17-50mm F2.8 EX DC OS HSM
17-70mm F2.8-4 DC Macro OS HSM | C
18-200mm F3.5-6.3 II DC OS HSM
18-250mm F3.5-6.3 DC MACRO OS HSM
18-35mm F1.8 DC HSM | A
24-105mm F4 DG OS HSM | Art
24-70mm F2.8 IF EX DG HSM
24mm F1.8 EX DG ASP Macro
28mm F1.8 EX DG ASP Macro
30mm F1.4 EX DC HSM
50mm F1.4 EX DG HSM
50mm F2.8 EX DG Macro
85mm F1.4 EX DG HSM
APO 50-150mm F2.8 EX DC OS HSM
APO 70-200mm F2.8 EX DG OS HSM
10-20mm F4-5.6 EX DC HSM
50- 500mm F4.5-6.3 APO DG OS HSM
70-300mm F4-5.6 APO DG Macro
APO Macro 180mm F2.8 EX DG OS HSM

Nikon Lens Profiles

Nikon

AF NIKKOR 20mm f/2.8D

AF NIKKOR 28-105mm f/3.5-4.5 D IF

AF NIKKOR 35-70mm f/2.8D

AF NIKKOR 35mm f/2D

AF NIKKOR 50mm f/1.8D

AF-S NIKKOR 20mm f/1.8G ED

AF-S DX NIKKOR 16-80mm f/2.8-4E ED VR

AF-S DX NIKKOR 16-85mm f/3.5-5.6G ED VR

AF-S DX NIKKOR 18-70mm f/3.5-4.5G IF-ED

AF-S DX NIKKOR 18-105mm f/3.5-5.6G ED VR

Nikon AF-S DX NIKKOR 18-135mm f/3.5-5.6G IF-ED

AF-S DX NIKKOR 18-200mm f/3.5-5.6G ED VR

AF-S DX NIKKOR 18- 300mm f/3.5-5.6G ED VR

AF-S DX NIKKOR 18-55mm f/3.5-5.6G VR

AF-S DX NIKKOR 35mm f/1.8G

AF-S DX Zoom-Nikkor 17-55mm f/2.8G IF-ED

AF-S NIKKOR 14-24mm f/2.8G ED

AF-S NIKKOR 16-35mm f/4G ED VR

AF-S NIKKOR 17-35mm f/2.8 ED

AF-S NIKKOR 24-120mm f/4G ED VR

AF-S NIKKOR 24-70mm f/2.8E ED VR

AF-S NIKKOR 24-70mm f/2.8G ED

AF-S NIKKOR 24-85mm f/3.5-4.5G ED VR

AF-S NIKKOR 24mm f/1.4G ED

AF-S NIKKOR 28mm f2.8ED

AF-S NIKKOR 28-300mm f/3.5-5.6G ED VR

AF-S NIKKOR 28-70mm f/2.8D IF-ED

AF-S NIKKOR 35mm f/1.4G

AF-S NIKKOR 35mm f/1.8G ED

AF-S NIKKOR 50mm f/1.4G

AF-S NIKKOR 50mm f/1.8G

AF-S NIKKOR 58 mm 1.4G

AF-S NIKKOR 70–200mm f/2.8E FL ED VR

AF-S NIKKOR 70-200mm f/2.8G ED VR II

AF-S NIKKOR 70-200mm f/2.8G ED VR

AF-S NIKKOR 70-200mm f/4G ED VR

AF-S NIKKOR 85mm f/1.4G

AF-S NIKKOR 85mm f/1.8G

Nikon

AF-S NIKKOR 105mm f/1.4E ED

AF-S VR Micro-Nikkor 105mm f/2.8G IF-ED

AF-S Micro-Nikkor 60mm f/2.8GED

AF-S VR Zoom 70-300mm f/4.5-5.6G IF- ED

AF DC-Nikkor 135mm f/2D

1 NIKKOR 11-27.5mm f/3.5-5.6

1 NIKKOR VR 10-30mm f/3.5-5.6

1 NIKKOR AW 11-27.5mm f/3.5-5.6

1 NIKKOR AW 10mm f/2.8

AF-P DX NIKKOR 70-300mm f/4.5-6.3G ED VR

1 Nikkor VR 6.7-13 mm F/3.5-5.6

Sigma (Nikon F)

19mm f2.8 EX DN

20mm F1.8 EX DG ASP RF

24mm F1.4 DG HSM | A

Sigma 24mm F1.4 DG HSM | A #401

30mm F1.4 DC HSM | A

35mm F1.4 DG HSM | A

70mm F2.8 EX DG Macro

12-24mm F4.5-5.6 DG HSM II

70-300mm F4-5.6 DG OS

120-300mm F2.8 EX DG OS APO HSM

150-600 F5-6.3 DG OS HSM

Nikon Lens Profiles

Carl Zeiss (Nikon F)

Otus 55mm f1.4
Otus 85mm f1.4
Zeiss Milvus 2.8/15
Zeiss Milvus 2.8/18
Zeiss Milvus 2/135
Distagon T* 2/35mm ZF.2
Distagon T* 1.4/35mm ZF.2
Zeiss Distagon T* 3.5/18mm ZF.2
Zeiss Distagon T* 2.8/21mm ZF.2
Zeiss Distagon T* 2.8/15mm ZF.2
Zeiss Distagon T* 2/28mm ZF.2
Zeiss Distagon T* 3.5/18mm ZF.2
Zeiss Distagon T* 2.8/25mm ZF.2
Zeiss Distagon T* 2/25mm ZF.2
Zeiss Distagon T* 2.8/25mm ZF.2
Planar T* 1,4/50mm ZF.2
Makro Planar T* 2/50mm ZF.2
Planar T* 1.4/85mm ZF.2
Makro Planar 2/100mm ZF.2
Apo Sonnar T* 2/135mm ZF.2

Tamron (Nikon F)

16-300mm F/3.5-6.3 Di II VC PZD MACRO B016
28-300mm F/3.5-6.3 Di VC PZD A010
SP 35mm F/1.8 Di VC USD F012
SP 24-70mm F/2.8 Di VC USD A007
SP 70-200mm F/2.8 Di VC USD G2 A025
SP 90mm F/2.8 Di MACRO 1:1 VC USD F017

Olympus Lens Profiles

Olympus

M.ZUIKO DIGITAL 17mm 1:2.8 Pancake

M.ZUIKO DIGITAL ED 17mm f/1.2 PRO

M.ZUIKO DIGITAL 25mm 1:1.8

M.ZUIKO DIGITAL 45mm 1:1.8

M.ZUIKO DIGITAL ED 45mm f/1.2 PRO

M.ZUIKO DIGITAL ED 7-14mm f2.8 PRO

M.ZUIKO DIGITAL ED 9-18mm 1:4.0-5.6

M.ZUIKO DIGITAL ED 12-40mm 1:2.8

M.ZUIKO DIGITAL ED 12-100mm f/4 IS PRO

M.ZUIKO DIGITAL 14-42mm 1:3.5-5.6 II R

M.ZUIKO DIGITAL ED 14-150mm 1:4.0-5.6 II

M.ZUIKO DIGITAL ED 40-150mm f/2.8 Pro

M.ZUIKO DIGITAL ED 40-150mm 1:4.0-5.6 R

M.ZUIKO DIGITAL ED 12-50mm 1:3.5- 6.3 EZ

M.ZUIKO DIGITAL ED 12mm 1:2.0

M.ZUIKO DIGITAL ED 17mm 1:1.8

M.ZUIKO DIGITAL ED 25mm f/1.2 PRO

M.ZUIKO DIGITAL ED 60mm 1:2.8 Macro

M.ZUIKO DIGITAL ED 75-300mm 1:4.8-6.7

M.ZUIKO DIGITAL ED 75mm 1:1.8

ZUIKO DIGITAL ED 7-14mm 1:4.0

ZUIKO DIGITAL 11-22mm 1:2.8-3.5

ZUIKO DIGITAL ED 12-60mm 1:2.8-4.0 SWD

ZUIKO DIGITAL ED 14-35mm 1:2.0 SWD

ZUIKO DIGITAL 14-54mm 1:2.8-3.5 II

ZUIKO DIGITAL ED 50mm 1:2.0 Macro

ZUIKO DIGITAL ED 150mm 1:2.0

ZUIKO DIGITAL ED 300mm 1:2.8.

ZUIKO DIGITAL ED 50-200mm 1:2.8-3.5 SWD

ZUIKO DIGITAL ED 90_250mm 1:2.8

ZUIKO DIGITAL ED 35_100mm 1:2.0

ZUIKO DIGITAL ED 8mm Fisheye 1:3.5

M.ZUIKO ED 8mm F1.8 Fisheye PRO

Pentax Lens Profiles

Pentax

SMC-DA 15mm F4 Al Limited

DA 18-50mm f4-5.6 DC WR RE

SMC-DA 18-55mm F3.5-5.6 AL WR

SMC-DA 21mm F3.2 Al Limited

SMC-FA 31mm F1.8 Limited

SMC-FA 43mm F1.9 Limited

SMC-DA 70mm F2.4 Limited

SMC-D FA 100mm F2.8 WR

Panasonic Lens Profiles

Panasonic

LUMIX G 14mm F2.5 ASPH.

LUMIX G 20mm F1.7 ASPH.

LUMIX G Vario 7-14mm F4 ASPH

LUMIX G X VARIO 12-35mm F2.8 ASPH. POWER O.I.S

LUMIX G VARIO 14-42 f3.5-5.6 II ASPH. O.I.S.

LUMIX G VARIO 14-42mm F3.5-5.6 ASPH. MEGA O.I.S.

LUMIX G Vario 14-140mm f3.5-5.6

LUMIX G Vario 14-140mm f3.5-5.6 ASPH Power O.I.S

LUMIX G LEICA DG VARIO-ELMAR Lens, 100-400mm F4.0-6.3 ASPH

LUMIX G 25mm f/1.7 ASPH (H-H025)

LUMIX G Fisheye 8mm f/3.5 (H-F008)

LUMIX G MACRO 30mm f/2.8 ASPH. MEGA O.I.S. (H-HS030)

LUMIX G X Vario PZ 14-42mm f/3.5-5.6 ASPH Power O.I.S. (H-PS14042)

LUMIX G X Vario PZ 45-175mm f/4.0-5.6 ASPH (H-PS45175)

Leica DG Macro-Elmarit 45mm f/2.8 ASPH MEGA O.I.S. (H-ES045)

Lumix G X Vario 35-100mm F2.8

Leica DG Summilux 12mm f/1.4 ASPH (H-X012)

Leica DG Vario-Elmarit 8-18mm f/2.8-4 ASPH (H-E08018)

LUMIX G Leica DG Nocticron 42.5mm f/1.2 ASPH Power OIS (H-NS043)

LUMIX G Vario 100-300mm f/4-5.6 II POWER O.I.S. (H-FSA1003004A)

LUMIX G Vario 45-200mm f/4-5.6 II POWER O.I.S. (H-FSA45200)

Leica Lens Profiles

Leica

Leica Tri-Elmar-M 16-18-21mm f/4 ASPH

Leica Super-Elmar-M 18mm f3.8 ASPH

Leica Summilux-M 21mm f1.4 ASPH

Leica Elmarit-M 21mm f/2.8 ASPH

Leica Super-Elmar-M 21mm f/3.4 ASPH

Leica Summilux-M 24mm f/1.4 ASPH

Leica Elmarit-M 24mm f/2.8 ASPH

Leica Elmar-M 24mm f/3.8 ASPH

Leica Summilux-M 28mm f/1.4 ASPH.

Leica Summicron-M 28mm f/2 ASPH.

Leica Summaron-M 28mm f/5.6

Leica Tri-Elmar-M 28-35-50mm f/4 ASPH

Leica Summilux-M 35mm f/1.4 ASPH

Leica Summicron-M 35mm f/2 ASPH

Leica Summarit-M 35mm f/2.4 ASPH

Leica Noctilux-M 50mm f/0.95 ASPH

Leica Noctilux-M 50mm f/1 ASPH

Leica Summilux-M 50mm f/1.4 ASPH

Leica Summicron-M 50mm f.2

Leica APO-Summicron-M 50mm f/2 ASPH

Leica Summarit-M 50mm f/2.4

Leica APO-Summicron-M 75mm f/2 ASPH

Leica Summarit-M 75mm f/2.5

Leica APO-Summicron-M 90mm f/2 ASPH

Leica Summicron M 90mm f2

Leica Summarit-M 90mm f/2.5

Leica Elmarit M 90mm f2.8

Leica Apo-Telyt-M 135mm f3.4 ASPH

Fixed Lens Profiles

Fixed Lens cameras

Canon PowerShot G1 X

Canon G5x fixed lens

Canon G7x MkII fixed lens

Canon G9x fixed lens

Canon PowerShot G12

Canon PowerShot G15

Canon PowerShot G16

Canon PowerShot S100/S110

Canon PowerShot S120

Fujifilm FinePix X100

Leica D-Lux (Typ 109)

Leica X (Typ 113)

Nikon COOLPIX A

Nikon COOLPIX P340

Nikon COOLPIX P7700

Nikon COOLPIX P7800

Olympus XZ 6-24mm

Olympus XZ-10

Panasonic LX100

Ricoh GR

Sony Cyber-shot DSC-RX100 II

Sony Cyber-shot DSC-RX100

Sony Cyber-shot DSC-RX10

Sony RX1/RX1R