



Feature Update #8 SR2

Release Note

This release note describes the improvements to Feature Update #8 Package for the XF IQ4 Camera System, XT IQ4 Camera, and XF Camera Body.

Feature Update #8 Highlights

The latest feature update for the XF, XT, X-Shutter, and IQ4 improves existing features and improvements for specific disciplines. Performance improvements of the IQ4 Digital Backs is the main driver for Feature Update #8, offering performance and feature improvements for IQ4 Camera Systems using the Cascable 6 for iOS (v.6.3).

Cascable 6 integration Feature Improvements

When using the Cascable you are now able to browse onboard storage options on the IQ4 and selectively transfer images to your mobile iOS device. In addition, Live View frame rates have been improved as well as Wifi connectivity and speed.

XT Feature Improvements

When using Auto Exposure (P) on the XT IQ4, the metering has improved to more accurately reflect scene metering. The resulting captures are therefore much closer to the "Viewfinder" Live View preview seen on the IQ4 display or Cascable iOS App.

IQ4 Feature Improvements

RAW+JPEG Capture is now possible when using Dual Exposure+. Additionally, image browsing on the IQ4 will now exhibit all RAW files sequentially from both the XQD/CFexpress & SD storage, regardless of SD Storage setting. Localizations has also been improved to more accurately describe actions in specific languages.

Mobile Workflow Feature Improvements

Feature Update #8 SR2 has focused on Mobile Workflow improvements to ensure a more robust experience when working in the field with Cascable 6 for iOS. Connectivity to the iOS device, image preview, live view quality, and image storage/image access, have all been prioritized to ensure a flexible and robust workflow experience.

With the IQ4 connected to Cascable 6 for iOS, you can now browse IQ4 storage and selectively import RAW files from the IQ4 XQD/CFexpress & SD storage to the iOS device and then further copy those images to various cloud storage options and/or open in Capture One for iPad.

These workflow improvements ensure Cascable can have full workflow functionality to the primary features of the IQ4, adding flexibility and dynamic integration to various remote workflows.

Installing Feature Update #8 SR2 System Package

Ensure that you have already installed Feature Update #7 Phase One Lab & Dual Exposure+ (XFSystem7.00.7.fwp) as this is a requirement. To install the Feature Update #8 SR1 System Package, download and copy the XF Camera System Package file (**XFSystem8.02.00.fwp**) to the root folder of a XQD card or SD Card.

For XF IQ3, IQ2, or IQ1 Camera System Owners

1. Place reference our separate "Feature Update #8 for XF IQ1, IQ2, and IQ3" documentation.

For XF IQ4 Camera System Owners

2. Place the IQ4 on the XF Camera Body with attached Viewfinder.
3. Make sure the installed batteries are fully charged on both the XF Camera Body and IQ4.
4. Insert the XQD card into the IQ4.
5. On the IQ4, select Menu > System Settings > Firmware > Update Firmware.
6. The XF IQ4 Camera System will now update with all relevant firmware updates for both the IQ4, XF Camera and Viewfinder.

Please do not interrupt the updating process. Should this happen by mistake, the update will fail and you will have to run the update again.

For XT Camera Owners

1. Place the IQ4 on the XT Camera Body with an XT Lens Attached.
2. Make sure the installed battery is fully charged on the IQ4.
3. Insert the XQD card into the IQ4.
4. On the IQ4, select Menu > System Settings > Firmware > Update Firmware.
5. The XT IQ4 Camera and attached XT Lens will now update with all relevant firmware updates for both the IQ4, XT Camera and XT Lens.
6. Please repeat step #4 for each XT Lens that you own to ensure the X-Shutter of each lens is updated.

Please do not interrupt the updating process. Should this happen by mistake, the update will fail and you will have to run the update again.

For IQ4 Digital Back Owners

1. Place the Digital Back Cover on the IQ4.
2. Make sure the installed battery is fully charged on the IQ4.
3. Insert the XQD card into the IQ4.
4. On the IQ4, select Menu > System Settings > Firmware > Update Firmware.
5. The IQ4 Digital Back will now update with the relevant firmware for the IQ4 only.

Please do not interrupt the updating process. Should this happen by mistake, the update will fail and you will have to run the update again.

Known Issues and Limitations (IQ4)

The below outlines the known issues, to the best of our knowledge, at the time of this firmware release. Some will be remedied in future releases while others are simply noted limitations to the existing features.

- Auto Exposure modes are available only in connection with the X-Shutter or XF.
- Adhoc Wifi (Access Point) will use only the available 2.4Ghz frequencies.
- When a USB-C Powerbank is attached, the USB Menu of the IQ4 will read "Not Enumerated" to denote a lack of communication to the device.
- The Lab Feature ETTR prioritizes maximum exposure per available highlights. For scenes that include specular highlights, the precision of the tool may try to retain detail within these highlights, resulting in erratic behavior.
- It is not recommended to leave a USB-C Powerbank connected to the IQ4 when not in use.
- The Direct Image Transfer feature only transfers RAW files, not the JPEG versions. If SD Storage is set to Off, the files on the SD card will not be transferred. Likewise, if the SD Storage is set to Primary Storage, the files on the XQD card will not be transferred.
- The IQ4 will not work correctly with Capture One Styles created in Capture One version 10 or earlier. If you have an old style that you wish to use on the IQ4, please apply it to an image in Capture One and then save it as a new style before importing it to the IQ4.
- You can include all of Capture One Pro's image adjustments as a Custom IQ Style. While Capture One Inside on the IQ4 can render most of them, it cannot display them all. This discrepancy will be taken care of automatically as the IQ4 will disregard those not supported, and the all included adjustments will be retained and rendered once the RAW files are opened in Capture One Pro.
- SD as Primary Storage will not work with sequence capture tools (Braketing, Time-lapse, etc).
- Exposures previews may appear slightly over exposed when using Auto Exposure in Live View Viewfinder mode, in some scenarios.

Known Issues and Limitations (XF)

The below outlines the known issues, to the best of our knowledge, at the time of this firmware release. Some will be remedied in future releases while others are simply noted limitations to the existing features.

- Performance improvements in the capture timing sequence are only implemented at shutter speeds above 1/80th of a second.
- Performance improvements, related to frame rate, are not available for CCD based digital backs while marginal improvements can be observed in IQ1, IQ2, IQ3 CMOS sensors.
- Using an external shutter release cable (Hahnel or B.O.B) via the Digital Back or XF Body will not trigger Capture Tools or Sequences of the Digital Back (ex. Frame Averaging)

Known Issues and Limitations (XT)

The below outlines the known issues, to the best of our knowledge, at the time of this firmware release. Some will be remedied in future releases while others are simply noted limitations to the existing features.

- All available shutter speeds are now listed (X-Shutter + Electronic Shutter). The Leaf Shutter of the X-Shutter is given priority from 30 seconds to 1/1000th.
- Auto Exposure Modes (Av/Tv/P) are only available to actively measure the scene during Live View.

The XF Camera System Manual and technical specifications are available from www.phaseone.com