

Feature Update #3

XF Firmware Release Note

With continued dedication to professional photographers, Phase One introduces the third feature update for the XF Camera System.

Feature Update #3 introduces advanced flash controls with the in-camera Profoto AirTTL, Profoto Air and a visual flash curve tool.

Additionally Feature Update #3 introduces groundbreaking new Electronic Shutter (ES) technology to the IQ3 100MP Digital Back, with the ability to capture images solely by use of the 101MP CMOS sensor with no moving components.

Furthermore, Feature Update #3 introduces several workflow tools and functions to enhance the customization of the camera system, improving productivity and professional delivery of the XF Camera System.

Feature Update #3 contents:

- New and advanced flash control
 - Profoto AirTTL
 - Profoto Air built directly into the XF Camera System
 - Rear Curtain sync
 - Flash Analysis Tool -visual flash curve
- Electronic Shutter for the IQ3 100MP
 - Unique new shutter technology, ideal for landscape photography, studio work or copy stand photography using continuous light.
- Save and Load System Settings on the XF Camera System
 - Save and Load custom sets from CF card
 - Custom Set renaming
 - Save and Load settings to CF card - as backup
- Camera Package update
 - Feature Update #3 comes as a single Camera Package file (CP)
 - One file includes the new firmware for all IQ1, IQ2, IQ3 and XF
 - Place on CF card and update the full camera system
- Configurable Icon Controls for the XF Camera System
 - Long press the icons in the lower bar of the XF Top Screen, and select which functions are available in the control bar
- Selective Restore to Default function
 - Choose to retain custom Splash Screen, Background Image, Wifi Settings or Custom White Balance when restoring the IQ Digital Back
- New drive modes
 - Bulb (B), Time/Toggle (T) mode are now available for long exposure

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Prerequisites before installation

In order to install Feature Update #3 as one package on your XF Camera System or IQ Digital Back, you will need to have installed Feature Update #2

You can download Feature Update #2 from:

www.phaseone.com/Download/Camera-Firmware/XF-Firmware

Installing Feature Update #3

To install Feature Update #3 simply download and copy the Camera Package file to a CF card.

1. Place the IQ Digital Back on the XF camera body
2. Make sure you have fully charged batteries installed on both the XF camera body and the IQ Digital Back
3. Insert the CF card in the IQ Digital Back
4. From the IQ Digital Back home screen select Menu > Firmware > Update Firmware
5. The XF Camera System will now be updated with all relevant firmware updates applied to the IQ, XF 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.

Please check www.phaseone.com/feature-update-3 to learn more about Feature Update #3.

Feature Update #3 - FAQ

Questions and answers on installation of Feature Update #3

Can I update any XF Camera System or IQ Digital Back with the Feature Update #3 Camera Package?

- Yes - When the firmware update process is started, the first process is an assessment of what firmware complex is needed. After this assessment, the firmware update will begin updating all units with the relevant firmware.

Can I download Feature Update #3 firmware to update a stand alone IQ1, IQ2 or IQ3 Digital Back, or an IQ Digital Back that is equipped with another camera mount?

- Yes, if you disconnect a digital back from a XF camera body, the firmware package will install on the digital back only. If, at a later time, you connect the back to a XF camera body, run the update process again to install the same firmware on the XF camera body.
- Please note that if only the firmware on the IQ Digital Back is updated, some features on the XF Camera System may not function correctly.
- Digital Backs used for alternative camera applications (technical cameras) can also be updated to Feature Update #3.

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Questions and answers on Profoto Air and Profoto AirTTL

Which flash systems are supported by the Profoto AirTTL and Profoto Air in the XF Camera System?

- All Profoto AirTTL and/or Profoto Air flash systems will function with the XF Camera System.

How many groups can be controlled from the Profoto Air through the XF Camera System?

- The initial standard view of the tool will display three groups, but up to six groups can be controlled. This can be setup using the advanced setting icon in the tool.

Questions and answers on Electronic Shutter (ES)

Is the Electronic Shutter available on all IQ Digital Backs?

- No - The Electronic Shutter is available only on the IQ3 100MP Digital Back - The feature utilizes special sensor technology, which is not available in any other IQ digital back.

What are the limitations of the Electronic Shutter? Why do you only recommend using it for stills and with continuous lights?

- The Electronic Shutter is what is also referred to as a “rolling shutter”. This is an electronic shutter technology that runs directly in the sensor and is very similar to a focal plane shutter. Although the shutter features shutter speeds as fast as 1/4000 it has a much slower transition over the full frame sensor, and thus it will only support flash synchronization of 1.6 seconds.
- The Electronic Shutter can be used for landscape images, where there are small local movements, for example leaves, trees or waves. This is because the movements are captured instantly at the specific location of the small moving subject. Larger subjects, like a moving car or running persons will be distorted in the image.
- The Electronic Shutter is designed for tripod use and if handheld may produce large distortions in the images due to the rolling shutter technology.

The XF Camera System Manual and Technical Specifications are available from www.phaseone.com

Learn more and connect with Phase One here:

Phase One at <http://www.phaseone.com>

Twitter at <https://www.twitter.com/PhaseOnePhoto>

Facebook at <http://www.facebook.com/PhaseOnePhoto/>

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