

## Feature Update #3 SR2

### XF Firmware Release Note

This release note describes the new features of Feature Update #3 for the XF Camera System, including Service Release 1 and 2 (SR1, SR2)

Downloading and installing this Service Release #3 SR2 with the camera package file CP3.03.5.fwp will update your XF Camera System or Digital Back to the most recent version, including both SR1 and SR2.

#### Release history:

Feature Update #3 (Camera package file name CP3.01.11.fwp)

SR1 (Camera package file name CP3.02.17.fwp) general stability update, plus corrects an issue where “camera error” message showed up on some XF Camera Systems after installation of Feature Update #3 due to a timing issue.

SR2 (Camera package file name CP3.03.5.fwp) additionally corrects an issue where “Battery Low” indication occurred on the XF after install of Feature Update #3.

#### Feature Update #3 Features:

Feature Update #3 introduced advanced flash controls with in-camera Profoto Air TTL, Profoto Air Remote and a visual Flash Analysis tool.

Feature Update #3 in addition introduces the groundbreaking new Electronic Shutter (ES) technology to the IQ3 100MP Digital Back, with the ability to capture images solely using only the IQ3 100MP sensor.

Furthermore Feature Update #3 introduces several workflow tools and functionality improvements, greatly enhancing the ability to customize the camera system improving the productivity and professional delivery of the XF Camera System.

Feature Update #3 camera package contents:

- New and advanced flash control
- Profoto Air TTL
- Profoto Air Remote control build into the XF Camera System
- Rear flash sync option
- Visual Flash Analysis data
- Electronic Shutter for the IQ3 100MP
- A unique new shutter technology, ideal for landscape photography on technical camera, studio or copy stand applications using continuous light sources.
- Save and Load System Settings

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- Save and Load XF Camera System custom sets from CF
- Custom Set renaming
- Save and load XF Camera System settings - as a backup
- Camera Package Feature Update
- New single Camera Package file (CP)
- One Zip File includes the new firmware for all IQ1, IQ2, IQ3 Digital Backs and the XF camera body.
- Place on CF card and update the full camera system - Easy
- XF Icon Controls
- Long press the icons in the lower bar of the XF camera body top screen, and select which tools are available in the control bar
- Selective Restore to Default function
- Choose to retain or reset customized splash screen, background image or custom white balance from the restore menu
- New drive modes
- Bulb and Time (Toggle) mode are now available

### Installing XF Feature Update #3

To install the Feature Update #3 simply download and copy the camera package 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 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 update with all relevant firmware updates for 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](http://www.phaseone.com) to learn more about the XF Feature Update #3.

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## XF Feature Update #3 FAQ

### Questions and answers on installation of XF Feature Update #3

Can I update any XF or IQ Digital Back with the Feature Update #3 camera package?

- Yes - When the firmware update process is started, it runs an assessment of what firmware files are needed - after this assessment the firmware update is started and will update all units with relevant corresponding firmware.

Can I download Feature Update #3 and update a stand-alone IQ1, IQ2 or IQ3 Digital Back, or an IQ Digital Back that is used on a technical cameras or equipped with another digital back mounts?

- Yes, if you disconnect the digital back from the XF camera body, the camera package will install on the digital back only. If, at a later time, you connect the back to an XF camera body you can just run the update process again in order to install the same firmware on the XF camera body.
- Please note that if the firmware on the IQ Digital Back is updated alone, some features on the XF camera body might not function correctly.

### Questions and answers on Profoto Air Remote and Profoto Air TTL

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

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

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

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

### Questions and answers on the Electronic Shutter (ES)

Is the Electronic Shutter (ES) available on all IQ Digital Backs?

- No - The Electronic Shutter (ES) is available only on the IQ3 100MP Digital Back - The feature utilizes a sensor feature which is not available on any other digital back.

What are the limitations of Electronic Shutter (ES)? Why do you only recommend using it for still subjects and using continuous light?

- Electronic Shutter (ES) 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 in function to a focal plane shutter. Although the shutter features shutter speeds as fast as 1/4000<sup>th</sup> of a second it has a much slower transition over the full frame sensor, and thus it will only support flash synchronization of up to 1.6 seconds.
- The Electronic Shutter (ES) can be used for landscape images where there are small local movements. An example of acceptable movement is leaves on a trees, waves or clouds. Local movements that are relatively small or close together are captured

instantly when the shutter is active. Larger moving subjects however, like a driving car or running person, will be distorted in the image as their displaced movement between the top and bottom of the sensor is larger.

- The Electronic Shutter is designed to be used on a tripod and if handheld it might produce large distortions in the images due to the rolling shutter technology.

The XF Camera Manual and Technical Specifications are available from [www.phaseone.com](http://www.phaseone.com)

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