

XF Camera Body - Feature Update #4 Release Notes



October 2017

New firmware update adding functionality to the XF Camera Body in combination with the Mamiya-Leaf Credo Digital Backs.

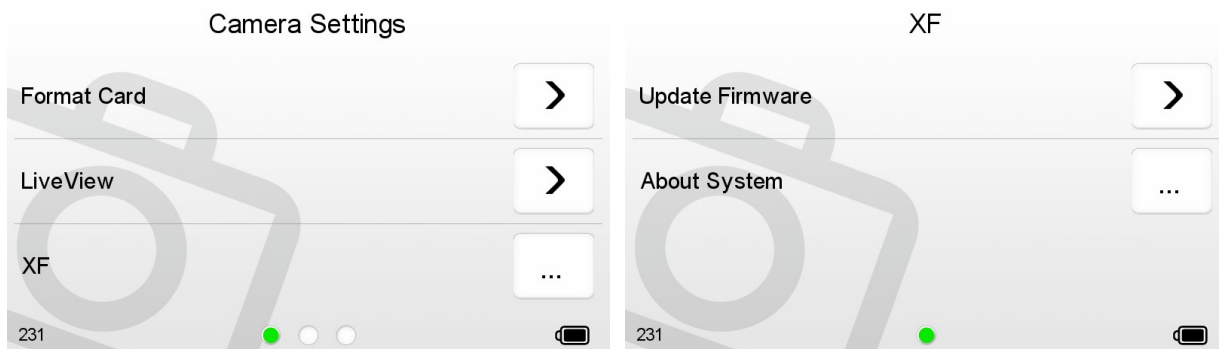
With continued dedication to professional photographers, Phase One introduced the fourth Feature Update for the XF Camera.

This update is recommended for all users of the XF Camera Body in combination with the Leaf Credo Digital Backs.

The new Firmware introduces advanced focus control and tools with Autofocus & Recompose, Focus Trim Tool, Automatic Focus Stack Calculator and Vibration Analysis. Furthermore, the new firmware version FW4.00.55 for the XF introduces several workflow tools and functions to enhance existing features of the camera system, improving productivity and professional delivery of the XF Camera Body.

Updating XF firmware from the Credo Digital Back:

- Download the Firmware Updater file “FW4.00.55.fwr”
- Drag the “FW4.00.55.fwr” to the CF card and place the CF card in the Credo Digital Back
- Mount the Credo on the XF, the Capture menu now displays an “XF” Menu, which enables updating the XF Camera Body firmware
- Press the Update Firmware button and follow the on-screen instructions.



The “About System” Menu makes it possible to verify the firmware versions installed on the XF Camera, the lens and the viewfinder.



Feature Update #4 Features:

Feature Update #4 introduces the ground-breaking new Autofocus & Recompose mode (AFr), providing the ability to focus on a subject and then recompose the frame while retaining the original focus point.

Feature Update #4 improves advanced autofocus calibration, auto focus control and performance through the new Focus Trim Tool, Focus Nudge control from camera dials, as well as the optional Honeybee Autofocus Platform 2.0 (HAP-2) upgrade.

*Note: Updating to Feature Update #4 will require new Focus Trim values be created.

Feature Update #4 includes additional UI tools and control. Vibration Analysis is a visual tool which displays a graph outlining vibrations measured by the camera during the exposure. This tool can be chosen, amongst other options, to display immediately after capture from the new Capture Analysis Popup Control.

Furthermore, Feature Update #4 provides several workflow tools and functionality improvements, including the Automatic Focus Stack Calculator for the Focus Stack Tool which automatically selects the appropriate frame count depending on sensor resolution, aperture and focusing distance; Profoto Remote Shutter Release which gives the ability to trigger the XF Camera Body wirelessly via Profoto Air remote; Infinite Vibration Delay, which allows the camera to wait for the optimal conditions to capture; and Image Browse which gives the ability to browse images on the Leaf Credo Digital Backs using the XF Camera Body dial.

Feature Update #4 camera package contents:

- Autofocus & Recompose mode (AFr)
 - Automatic compensation of focus when the camera axis/angle is repositioned after initial focus is achieved. *Currently supported on the Schneider Kreuznach Blue Ring:
 - 80mm LS f/2.8
 - 110mm LS f/2.8
 - 150mm LS f/2.8
- Focus Trim Tool
 - For Focus Trim Calibration of all AF lenses
- Automatic Focus Stack Calculator
 - Suggesting the number of frames for a given focus stack, evaluating resolution, aperture and focus distance. *Currently supported on the Schneider Kreuznach Blue Ring:
 - 80mm LS f/2.8
 - 120mm LS f/4.0 Macro
 - Phase One 120mm AF Macro f/4.0
- Focus Nudge
 - Dial control for focus control/autofocus override
- Vibration Analysis
 - Visual display on the XF Top Screen of vibration data measured during the exposure.
- Infinite Vibration Delay
 - Allowing the camera to wait indefinitely for conditions that provide a vibration free capture
- Profoto Remote Shutter Release
 - Trigger the XF Shutter using a Profot Air Remote *B/T mode not supported
- Capture Analysis Popup Control
 - Customize which of the several visual feedback options displays on the XF Top Screen following a capture.
- Image Browse
 - Assign an XF Dial to browse images on the Leaf Credo Digital Backs screen
- External two-shot release
 - Providing a Mirror Up on first press followed by capture on the second press of the Phase One B.O.B external shutter release cable

Feature Update #4 camera package improvements:

- **Focus Stack and TimeLapse from Capture One**
 - It is now possible to initiate the XF Focus Stack tool and TimeLapse tool from the shutter button of Capture One
- **Focus Nudge from Capture One**
 - Calibration tools such as the Hyperfocal Tool and Focus Stack tool can now benefit from Focus Nudge control via Capture One
- **TimeLapse Tool Black Ref. Control**
 - The black reference can now be customized to 1 of 4 options in the TimeLapse Tool, Normal, Always, Suppress, and 1st.

Feature Update #4 Optional Hardware Upgrade:**HAP-2 Upgrade:**

In connection with the announcement of XF Feature Update #4, all Phase One XF Camera Body owners have the option of upgrading their existing Honeybee Auto Focus Platform (HAP-1) to the newly introduced HAP-2 module.

This optional hardware upgrade replaces the existing HAP-1 with a new version of the physical Autofocus Sensor. The new HAP-2 sensor has increased light sensitivity and improved dynamic range, making it superior to the HAP-1 sensor in low light situations and when used on low contrast targets.

Apart from the increased sensitivity, all AF functionalities and features in the XF Camera (including those found in XF Feature Update #4) are available on the XF Camera with either the HAP-1 or the HAP-2 AF sensor.

Please contact your local [Mamiya Leaf Partner](#) to learn more about the HAP-2 upgrade.