

## NEW

## **Content Credentials:**

Images can now be signed with content copyright verification (Leica Content Credentials).

## IMPROVEMENT

## **Control Center:**

Changing the factory setting. Instead of 📭 erscheint 💷 (Film Style/Leica Looks).

## AF Mode:

In conjunction with the AF-ON AF mode, face detection and pet detection can now also be selected.



# FIRMWARE UPDATES

Leica is continuously working on the further improvement and optimization of your camera. Since many camera functions are entirely controlled by software, some of these improvements and additions to the functional scope can be installed in retrospect. Leica offers firmware updates at irregular intervals, which you can download from our website.

Leica will notify you of any new updates, once you have registered your camera. Users of Leica FOTOS will also be automatically notified about firmware updates for their Leica cameras.

There are two options for installing firmware updates.

- conveniently via the Leica FOTOS app
- directly via the camera menu

#### Finding the currently installed firmware version

- → Select Camera Information in the main menu
  - The current firmware versions are displayed.



More information about registering, firmware updates and how to download them to your camera, as well as any amendments and additions to this manual can be found in the customer area of our website at:

https://club.leica-camera.com

## **EXECUTING A FIRMWARE UPDATE**

Any interruption of a running firmware update may cause serious and irreparable damage to your equipment!

You will therefore have to take particular note of the following, when carrying out a firmware update:

- Do not switch off the camera!
- Do not remove the memory card!
- Do not remove the rechargeable battery!
- Do not detach the lens!

#### Notes

- A warning message will appear if the battery is insufficiently charged. Recharge the battery and then repeat the process described above.
- You will find additional device and country-specific registration marks and numbers in the Camera Information submenu.

### PREPARATION

- → Fully charge and insert the rechargeable battery
- →Any stored firmware files on the memory card must be removed
  - We recommend saving any images on the memory card and reformatting it before the update.

(Caution: Loss of data! <u>All</u> data stored on the memory card will be lost during formatting.)

- → Download the latest firmware version
- → Save the download to the memory card
  - The firmware file must be stored in the main directory of the memory card (not in a sub-directory).
- → Insert the memory card into the camera
- ightarrow Switch the camera on

### ABOUT LEICA FOTOS APP

Leica FOTOS will notify you when firmware updates are available for your Leica cameras.

 $\rightarrow$  Follow the instructions provided by the Leica FOTOS app

### Notes

- The Leica FOTOS Version 4.8.0 or higher is required for the firmware update function of the camera.
- A warning message will appear if the battery is insufficiently charged. Recharge the battery and then repeat the process described above.

### ABOUT THE CAMERA MENU

- → Preparation
- → Select Camera Information in the main menu
- → Select Camera Firmware Version
- → Select Start Update
  - A prompt with information about the camera is displayed.
- → Check the version information
- → Select Yes
  - The prompt Save profiles on SD Card? appears.
- → Select Yes/No
  - The update will start automatically.
  - The lower status LED will flash during this process.
  - Once the process has completed successfully, a relevant on-screen message and prompt to restart the device will appear on screen.
- → Switch the camera off and on again

#### Note

• Date & time, as well as the preferred language will have to be set up again after the restart. Relevant prompts will appear on screen.

### UPDATING THE LENS FIRMWARE

Where available, firmware updates can be performed for Leica SL lenses and for all other lens types by L-Mount Alliance.

Firmware updates for Leica SL lenses are generally uploaded alongside the latest version of the camera firmware and will not have to be implemented manually. Provided an SL lens is attached during the camera update, it will automatically receive the latest firmware version. Where that is not the case, a relevant prompt will appear when a lens is attached to a camera with updated firmware for the first time.

The instructions provided for camera firmware updates apply.

- → Preparation
- → Select Camera Information in the main menu
- → Select Lens Firmware Version
- → Select Start Update
  - A prompt with information about the camera is displayed.
- ightarrow Check the version information
- → Select Yes
  - The update will start automatically.
  - The lower status LED will flash during this process.
  - Once the process has completed successfully, a relevant on-screen message and prompt to restart the device will appear on screen.
- → Switch the camera off and on again

### CONTENT CREDENTIALS

Signing the images with this function allows you to add allocation details to each frame. They contain information about the identity of the creator, as well as data in compliance with the C2PA standard regarding the specific camera used for taking the images. These may offer useful allocation information for target groups, once the image is shared or published. Relevant images are marked with an icon



- → Select Camera Information in the main menu
- → Select Leica Content Credentials
- →Activate the function (On) under the menu item Sign Content
- → Select Copyright / Produced by from the submenu
  - A keyboard submenu is displayed.
- → Enter the desired information
- → Confirm

#### Disclaimer

"Content credentials" allow the tracing of image content and changes thereto. Leica Camera AG assumes no liability with regard to tamper safety or misuse, and offers no warranty for the use of the "Content credentials" for a specific purpose.

#### Note

 Leica Content Credentials is <u>not</u> compatible with the operating modes Continuous Shooting and Interval Shooting. The function will be disabled automatically if one of these operating modes is selected, as the signature algorithm does not permit the processing of large data volumes for security reasons. Signatures are available only for the operating modes Single, Multi-Shot, and Exposure Bracketing.