



LEICA M11 LEICA M11 MONOCHROM LEICA M11-P LEICA M11-D LEICA M EVI

FIRMWARE UPDATE 2.6.0

NEW

- The function **White Balance Adjustment** allows the user to make custom adjustments to the sensor white point calibrated ex works. This adjustment will affect the automatic **White Balance** as well as the fixed presets (**Film Style**).
- Lens detection now offers additional flexibility when using Leica-M lenses with 6-bit encoding. Even if the lens type is detected automatically, the user can now additionally select another lens type from the list of M lenses. The list is available for all profiles and will be included when profiles are exported to an SD card.
- The Dust Protection function can now also be controlled via Leica FOTOS (Version 5.5.1 and higher)

ERROR CORRECTION

- In rare cases, the connection between the camera and smartphone was severed by the operating system during image downloads and could not be restored afterwards. This issue was resolved.
- A bug was fixed where, in exposure bracketing with Auto ISO, the second and third shots were at times taken with unnecessarily high ISO values.
- The issue, where images were sometimes misaligned after being transferred to the computer if the camera was quickly rotated from horizontal to vertical during shooting was fixed.

Important information regarding the use of SD cards

In rare cases, the use of UHS-I cards would result in some technical issues. Leica recommends using UHS-II cards to generally avoid these issues, and to guarantee the best possible performance for your camera.

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.

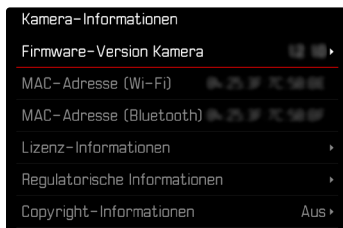
Leica will notify you of any new updates, once you have registered your camera. Users of Leica FOTOS will also be automatically notified about firmware updates for their Leica cameras.

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 version is displayed next to the menu item **Camera Firmware Version**.



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:

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! All data stored on the memory card will be lost during formatting.)
 - Make sure to back up any files saved to the internal memory as a precaution.
- 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
- Switch the camera on

UPDATING THE CAMERA FIRMWARE

M11 / M11-P / M11 Monochrom / M EV1

- Preparation
- Select **Camera Information** in the main menu
- Select **Camera Firmware Version**
- Select **Firmware Update**
 - A prompt with information about the camera is displayed.
- Check the version information
- Select **Yes**
 - The prompt **Do you want to 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 message will appear and the camera will restart.

Notes

- It is recommended to revert to factory settings after an update.
- Date & time, as well as the preferred language will have to be set up again after a reset. Relevant prompts will appear on screen.

UPDATING THE CAMERA FIRMWARE

M11-D

- Preparation
- Press and hold the function button
- Switch the camera on
 - While the update process is running, the status LED and the self-timer LED will flash red, and **UP** will be displayed in the viewfinder.

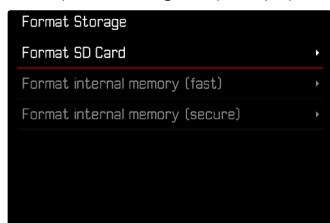
FORMATTING STORAGE LOCATIONS

It is recommended to format storage locations from time to time, as some residual data (data accompanying shootings) may use up storage capacity. An inserted memory card and the internal memory can be formatted independently. Please note the following:

- Never switch off the camera while data transfer is in progress.
- When formatting a storage location, all data in that storage location will be irretrievably lost. Formatting will not be prevented by a deletion protection set for individual shots.
- All images should therefore be regularly transferred to a safe mass storage medium, e.g. the hard disk of a computer.

SECURE ERASE OF INTERNAL MEMORY

The internal memory can be formatted to remove residual data accumulated over time, or to free up the storage capacity quickly.



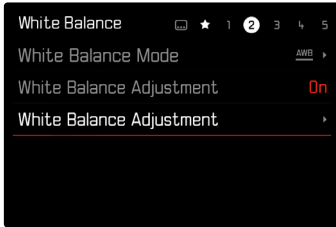
- Select **Storage Management** in the main menu
- Select **Format Storage**
- Select **Format internal memory (secure)**
- Confirm the selection

Notes

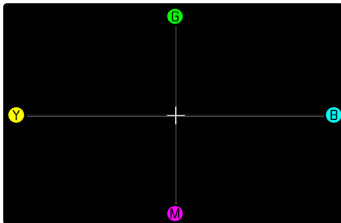
- During basic formatting, only the file index is deleted, so the data remains on the storage but is no longer readily accessible. Data access can be restored with appropriate software. Only data that is overwritten when new data is saved will actually be irretrievable. For a thorough and permanent deletion of all images, image fragments, and personal data, select **Format internal memory (secure)**. This process may take up to 75 minutes.
- A memory card should be formatted again in the camera if it was formatted in another device, e.g. a computer.
- For the Leica M11-D, a secure erase can only be performed via the Leica FOTOS app.

WHITE BALANCE FINE TUNING

This function allows the manipulation of the white point setting calibrated ex works. This will not replace the automatic white balance. Instead, it will be supplemented by fine tuning.



- Select **White Balance** in the main menu
- Select **White Balance Adjustment**
 - The following appears on the LCD panel:
 - the image based on automatic white balance
 - a cross in the middle of the image
- Implementing the desired color correction
- Confirm selection



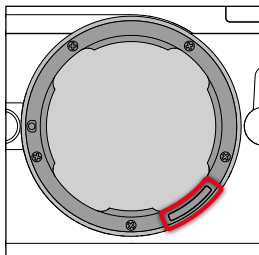
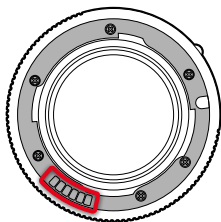
Note

- Color rendering can be individually adjusted – towards warmer, colder, or more neutral colors. These adjustments will then also be applied to the permanent presets (**Film Style**).

LENS DETECTION

The 6-bit encoding in the bayonet of current model Leica M lenses allows the camera to detect the lens type.

- This information is used for e.g. image data optimization. Edge darkening, for example, which can become noticeable when wide-angle lenses and large apertures are used, is compensated in the relevant image data.
- The information provided by the 6-bit encoding is also written to the Exif data. The focal length of the lens is additionally displayed when rendering the extended image data.
- The camera will write an approximate aperture value to the Exif image data, which is calculated individually using the exposure metering system. This is done whether or not an encoded or unencoded lens or a non-M lens is attached via adapter, and regardless of whether the lens type was entered in the menu.



USING A LEICA M LENS WITH 6-BIT ENCODING

The camera will automatically set the correct lens type when a Leica M lens with 6-bit encoding is used. Manual setting is therefore not required but still optionally available. The camera will switch to **Auto** automatically when an encoded Leica M lens is attached, regardless of the original lens setting.

USING A LEICA M LENS WITHOUT 6-BIT ENCODING

The lens type must be entered manually when using a Leica M lens without 6-bit encoding.

- Select **Lens Detection** in the main menu
- Select **Manual M**
- Select the attached lens from the list
 - The lenses are listed with their focal length, apertures and item number.

Notes

- Many lenses have their item number engraved on the opposite side of the depth of field scale.
- The list also includes lenses that were available without encoding in the past (pre-June 2006). Newer lenses are all provided with encoding and can therefore be automatically detected.
- When using the Leica Tri-Elmar-M 16-18-21 f/4 ASPH., the set focal length is not transferred to the camera housing will therefore also not be included in the Exif image dataset. You can, however, enter the focal length manually.
- Tri-Elmar-M 28-35-50 f/4 ASPH., on the other hand, comes equipped with a means for mechanical transmission of the set focal length to the camera for mirroring the correct bright-line frame in the viewfinder. The focal length is scanned by the camera electronics and the information is used for focal length-specific corrections. Due to space limitations, the menu only contains an item number (11 625). The two other variants – 11 890 and 11 894 – can be used as well and the menu settings will apply.

USING A LEICA R LENS

The lens type must also be entered manually when attaching a Leica R lens via the Leica R-Adapter M. The camera will automatically switch to **Manual R** when a Leica R lens is attached, no matter what setting existed originally. You will have to select the lens type from the list.

- Select **Lens Detection** in the main menu
- Select **Manual R**
- Select the attached lens from the list

ADJUSTING THE LENS LIST

The lens list can be adjusted to match personal preferences by only activating the desired lenses in the list. This adjusted lens will then be stored in the user profile and will automatically be available when switching between profiles.

- Select **Lens Detection** in the main menu
- Select **Manual M** or **Manuell R**
- Select **Edit List of M-lenses**
 - A lens list is displayed.
- Show or hide a desired lens using the directional pad

Note

- The adjustment will only be available for the currently used lens type, i.e. the R list when an R-lens is attached, and the M list for M-lenses.

DISABLING LENS DETECTION

Lens detection can optionally be disabled completely. That makes sense if the shot will not be automatically corrected (DNG and JPG) to maintain the characteristic features of a lens.

- Select **Lens Detection** in the main menu
- Select **Off**

Note

- No lens information will be written to the Exif (Exchangeable Image File Format) data of the image when lens detection is disabled.