



# Information Firmware Update Leica SL (Typ 601)

## Firmware 3.0

Dear Customers,  
Installing the new firmware on your Leica will provide additional functions and performance to your camera.

### Update Contents

Model Number	LEICA SL (Typ 601)
Update Version	3.0
Update Filename	601_30.lfu

### Related Software

Firmware SL Camera	3.0
Image Shuttle Win	3.6
Image Shuttle Mac	3.6
Lightroom Tethered Plugin Mac	1.2.0 b759
Lightroom Tethered Plugin Win	1.1.0 b760
APP Leica SL 3.0	Android Google Play Store Apple iOS App Store

After a free registration the software is available for download in the Leica Owners Area.

<http://owners.leica-camera.com/>

### Overview

Version	Description
3.0	<p><b>New top features</b></p> <p><b>Up to 35% faster writing DNG files to SD card</b></p> <ul style="list-style-type: none"><li>Optimization of the writing process allows to reduce the time needed for saving DNG files up to 35%. This allows to be quicker ready to continue shooting after a burst session.</li></ul> <p><b>Optimized Autofocus</b></p> <ul style="list-style-type: none"><li>MF-/AF-control optimized</li><li>Autofocus reaction time is shortened</li><li>Improved AF tracking of objects with SL lenses</li><li>Improved: zooming while recording video</li><li>Improved: AF field chances while recording video</li><li>Improved: AFc while recoding video</li></ul> <p><b>New firmware for lenses is included</b></p> <ul style="list-style-type: none"><li>Improved accuracy of the focus position</li><li>Improved AFc accuracy if an object moves towards the lens</li><li>New firmware for the VARIO-ELMARIT-SL 24-90 f/2.8-4 ASPH.</li><li>New firmware for the APO-VARIO-ELMARIT-SL 90-280 f/2.8-4</li><li>Bugfixes</li></ul>

### **Additional improvements**

- Store DNG and JPG on separated SD cards
- Independent exposure control for video and photo mode
- New vide frame rate 24fps for 4k resolution 3840x2160
- White balance 'flash' improved for use with studio flash system's modelling light
- Electronic shutter mode for shutter speeds from 1s - 1/16 000s for silent shutter release (ISO50)
- Exposure preview in M-Mode improved for continuous preview
- Improved usability in play mode when zooming to 1:1 (100%) , location gets stored to easy access the same location
- Improved flash behaviour for AutoISO setting
- Improved behaviour of flash units in continuous burst shooting mode

### **New options for customization**

- Swap the dedicated exposure controls of the front and back dial
- Current control setup of the front and back dial is shown on the top display
- Renaming from T-Mode into S-Mode
- New option for AF Tracking "RESET": Start position of the AF tracking is fixed on a specific location which can be adjusted by the joystick.
- Graphical User Interface of the multi selection and delete functions improved
- AE-/AF-Lock Button can be assigned to magnification for a quick visual check of focus position
- New option to show the focus distance in feet or meter
- Automatic detection of Leica M and Leica R lenses can be turned off
- Video resolution/framerate can be assigned to the personal favorite menu
- User experience increased: the "OK" button on any keyboard input screens is touch sensitive
- Audio in/out levels can be controlled directly by left/right joystick on the histogram screen
- Several minor improvements made on graphical user interface
- New default behaviour: the function "Access menu in EVF" is enabled by default. This function enables the upper left button while looking through the electronic viewfinder. Either menu access and quick access to custom functions is available now by default. For users experiencing accidental presses of the upper left button by their nose - it is recommended to disable this function in the "Customize Control" menu.

### **Bugfixes**

- Any shutter speed limitation for any manual focus lens is deactivated
- Improved stability for tethered shooting with Leica Image Shuttle 3.6
- If an USB connection is detected by the camera, the warning of a missing SD card is hidden. This allows to use Leica Image Shuttle and Adobe® Lightroom® Plugin without an inserted SD card.
- For Leica M and Leica R lenses the real-time display of the established aperture is hidden

### **Leica SL APP**

- Support for DNG file download
- Shutter release by pressing the volume button
- Vibrate on shutter release

## INSTALLATION LEICA SL (Typ 601) Firmware

### Please follow these steps to install the new firmware for your Leica SL camera and lenses:

This instruction describes the update process if you have running SL firmware 2.0 or later.

### Preparation camera

1. Recharge the battery to 100% and insert the battery into the camera.
2. Remove every SD card from the camera.
3. Prepare the SD card for installation:
  - a. It is recommended to format the card inside the camera.
  - b. Please make sure that the card contains at least 200 MB of free disk space.
  - c. Download the new firmware file to your computer.
  - d. Copy the firmware file to the root directory of the SD card.

### Installation new camera firmware

4. Insert the SD card into slot 1 of the camera.
5. Switch on the camera.
6. Go to MENU / SETUP / Camera Information / Firmware
7. Press "Start Update" and confirm to start the process;
  - a. The camera will guide you through the backup process of your current settings.
  - b. Please confirm to save your current settings to SD card before proceeding with the update.
  - c. Wait until the update installation is completed.
  - d. Restart the camera; do not eject the SD card.
  - e. Please confirm to load your last settings from SD card during the first startup.
8. The update process is completed.

### Installation new lens firmware

1. Recharge the battery to 100% and insert the battery into the camera.
2. Mount the lens to the camera and start the camera.
3. If a new firmware is available for the lens, the lens update process will start automatically.
4. The lens update process may take up to 10 minutes. Please be patient.

#### CAUTION:

Please do **not** turn off your camera. Do **not** remove the SD Memory Card. Do **not** remove the lens while updating your camera firmware or lens firmware.

**DISREGARDING THIS ADVICE CAN CAUSE SERIOUS DAMAGE TO YOUR CAMERA.**