# LEICA S (Type 006) – Firmware Update 2.3.0.0

## Update features

**Model, Name**  Leica S (Type 006)
**Update version**  2.3.0.0
**File name**  S_006_2_3_0_0.FW

**Update date**  2013/10/01
**Access to download**
https://owners.leica-camera.com/login

### Note
The firmware update for the Leica S (type 006) contains all lens firmware updates. After updating your camera, carry out an update for your lenses if necessary.

## Improvements

**Version**  FW S 2.3.0.0

### Description of changes
- Support for the new Leica S lens **Leica Elmarit-S 45mm f/2.8 ASPH. (CS)**
- New menu language: Korean
- Improvement to tethered shooting for DNG compressed
- Flash signal is now output via flash sync socket for any exposure time
- Auto bracketing and self-timer settings are saved in the user profiles and are active after a restart when previously activated
- The color temperature of the rear panel display has been optimized
- Leica Vario-Elmar-S 30-90 f/3.5-5.6 ASPH.: Focusing behavior fault resolved
- User profiles: Faults resolved

**During the firmware update, you should not:**
- Turn off the camera
- Remove the battery
- Detach the lens
- Remove the memory card
- The multifunction hand grip may not be attached

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS DAMAGE TO YOUR CAMERA!
If your camera's functionality is restricted after carrying out the firmware update, contact your Leica dealer or your local Leica Customer Care center.

# Instructions for installing the firmware

**Step 1:**
**Check the current firmware version**

Leica recommends updating the firmware on your camera if it is no longer running the latest version.

1. Turn on the camera.
2. Open the camera menu with one of the function buttons and select the "Firmware" option in the "Setup" category using the setting dial.
3. Press the setting dial. The camera and lens firmware versions are displayed.
4. If the camera is not running the latest firmware version 2.3.0.0, we recommend that you carry out an update:
   **Camera**  Leica S (Type 006)
   **Version**  2.3.0.0
5. Turn the camera off again.

**Step 2:**
**Download the latest firmware**

1. Download the file S_006_2_3_0_0.FW and save it on your computer / desktop.

**Note:**
If the file has not been completely downloaded from the Internet, a corresponding message is displayed. In this case, attempt to download the file again.

**Step 3:**
**Copy the firmware to a CF or SD memory card**

Preparing the card (formatting):

1. Format the memory card in the camera. Information about formatting the memory card can be found in the camera manual.

   **Important:**
   When you format the memory card, all the data on it – including protected files – will be deleted and cannot be recovered without the use of specialist software.

2. Insert the formatted memory card into the relevant card slot on your PC, or use an external card reader.
3. Copy the file S_006_2_3_0_0.FW to the master directory (*1) on the memory card.

**Step 4:**
**Install the firmware update**

1. Remove the card properly from your card reader, insert the card into the camera and close the bottom cover.
2. Press and hold the joystick on the rear of the camera and turn on the camera. The update process starts after a few seconds. You can now release the joystick. The update process is shown as a graphic in the monitor and may take several minutes.
3. When the installation has been completed successfully, turn off the camera. When you turn it on again, the latest firmware is active and can be checked in the menu (see Step 1).

**Note:**
If the battery does not have sufficient charge, a corresponding warning message appears in the monitor on the camera.

(1) Master directory = Top level of memory card - do not copy to one of the folders.

# Instructions for installing the lens firmware

**Step 5:**
**Check the current firmware version**

Leica recommends updating the lens firmware if you are no longer running the latest version.

**Important:**
**To update the lens firmware, the latest camera firmware must be installed on your camera. The relevant lens must be attached to perform a lens firmware update.**

1. Attach the relevant lens to the camera.
2. Turn on the camera.
3. Open the camera menu with one of the function buttons and select the "Firmware" option in the "Setup" category using the setting dial or the joystick/5-way button.
4. Press the setting dial or the joystick/5-way button to confirm. The camera and lens firmware versions are displayed.
5. If the firmware for the attached lens is not the latest available version, a corresponding message appears to inform you of this. You should carry out a firmware update.
6. Turn the camera off again.

**Step 6:**
**Install the lens firmware update**

1. Remove the memory card from your camera and close the cover.
2. Press and hold the joystick/5-way button/AF/AE lock button on the rear of the camera and turn on the camera. The update process starts after a few seconds. You can now release the joystick. The update process is shown as a graphic in the monitor and may take several minutes.
3. When the installation has been completed successfully, turn off the camera. When you turn it on again, the latest lens firmware is active and can be checked in the menu (see Step 5). You can now use your lens with the latest firmware version.
4. Repeat this procedure for all your S lenses by attaching each of the lenses to the camera in turn and updating the firmware version.

**Note:**
If the battery does not have sufficient charge, a corresponding warning message appears in the monitor on the camera.

**Important:**
The relevant lens must be attached to perform a lens firmware update.