

LEICA BLK360

IMAGING LASER SCANNER



HOW TO UPDATE THE FIRMWARE

This document describes how to update the firmware of the Leica BLK360/ BLK360 SE imaging laser scanner.

This document is valid for both variants of the BLK360. The BLK360 and the BLK360 SE.

Prerequisites:

- BLK360 imaging scanner with fully charged battery of type GEB825.
- Computer with WLAN connection or USB-C 3.0 port.
- Latest BLK360 firmware file in zip format.

Firmware file:

Download the latest firmware version from one of the following website pages:

- myWorld @ Leica Geosystems Customer Portal (<https://myworld.leica-geosystems.com>).
- Leica BLK360 home page (<https://shop.leica-geosystems.com/blk360-firmware>).

Save it to the local hard disk of your computer.

The firmware file must not be unzipped.

Start up the BLK360:

- Insert a fully charged battery of type GEB825 into the BLK360.
- Press the power button to turn on the BLK360.
- Wait for the BLK360 to be ready for operation (LED turns to continuous green).

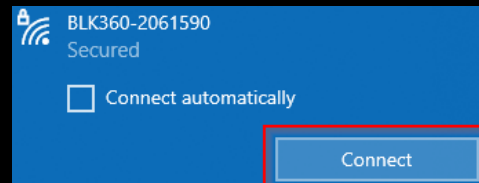
LEICA BLK360

IMAGING LASER SCANNER



WLAN connection between the BLK360 and a computer:

- On your computer create a WLAN connection to the BLK360.



- Open any preferred internet browser (e.g. Chrome, Firefox, ...).
- Enter the following URL in the address bar to open the "firmware update" page:
<http://10.10.1.1/firmware-update/>

USB connection between the BLK360 and a computer:

- Connect the BLK360 to your computer via USB C.



- Open any preferred internet browser (e.g. Chrome, Firefox, ...).
- Enter the following URL in the address bar to open the "firmware update" page:
<http://192.168.42.1/firmware-update/>
 - The firmware update can only be performed with the BLK360 in USB-C high power mode, the BLK360 needs to be started up before connecting the cable.

LEICA BLK360

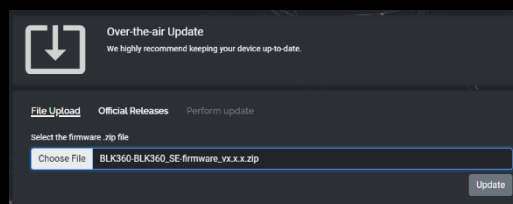
IMAGING LASER SCANNER



Upload the firmware file:

On the "Firmware update" page:

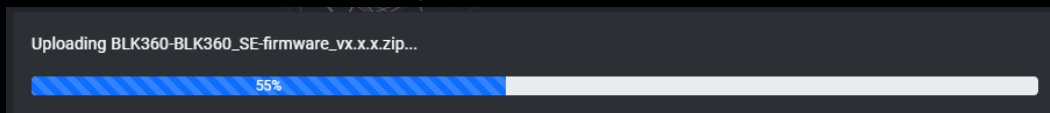
- Browse to the previously saved .zip file on the local hard disk by clicking into the choose file field or
- Drag and drop the .zip file into the choose file field (Do not unzip it!).
- Click on "Update".



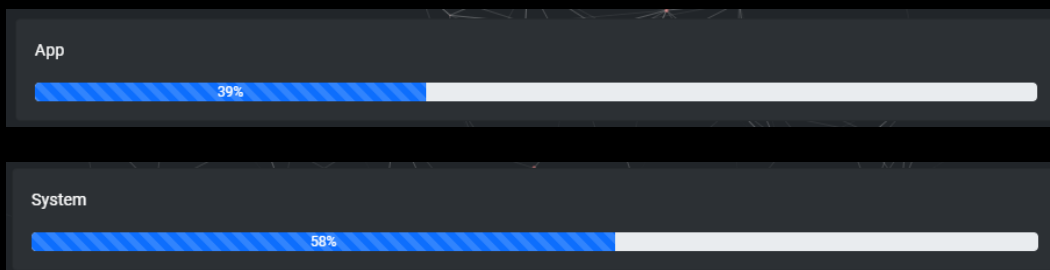
The update of the BLK360 will start immediately.

Firmware update process:

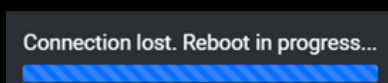
- First the firmware file will be uploaded to BLK360/ BLK360 SE.



- After a successful upload the update is automatically started.



- The BLK360 will be restarted automatically.
- The browser will try to reconnect.



LEICA BLK360

IMAGING LASER SCANNER

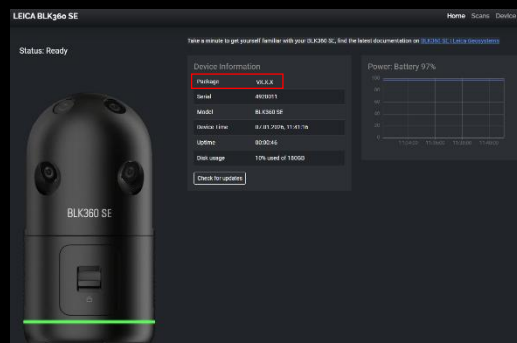
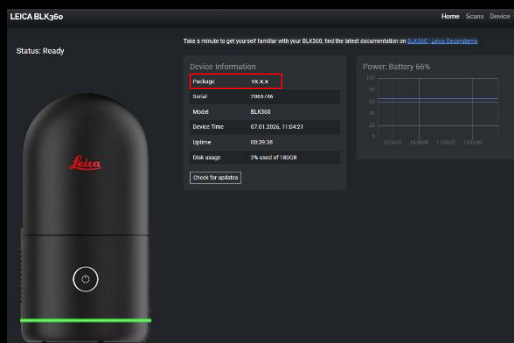


- The BLK360 will go through a sequence of different LED colours after the restart, wait until the LED turns continuous green (ready for operation) before any interaction.



Note: If the update was done via WLAN, to reconnect to the BLK360 webserver, the WLAN connection needs to be re-established by the user.

By reconnecting to the BLK360 webserver "Home" page the successful firmware upgrade can be confirmed by verifying the package version number.



The BLK360 imaging laser scanner has now the latest firmware installed and is ready for operation.

Note:

A downgrade below v3.0.0 is not possible.

It is highly recommended to always update to the latest version of the Leica Cyclone Field360 app as well.