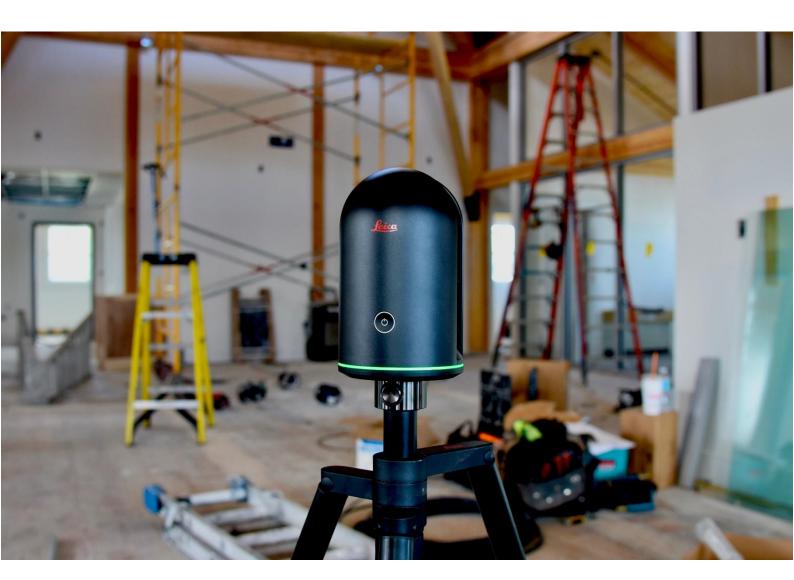# Leica Geosystems
Release Notes

Product   Leica BLK360 Imaging Laser Scanner

Date   29th of September 2022

From   Björn Beutelspacher

Leica BLK360 Imaging Laser Scanner – Firmware v2.1.1

These Release Notes contain important information about the new Leica BLK360 Imaging Laser Scanner firmware v2.1.1.

With immediate effect, the new firmware can be downloaded from the myWorld @ Leica Geosystems customer portal: https://myworld.leica-geosystems.com and the Leica BLK360 homepage (https://lasers.leica-geosystems.com/global/blk360-firmware).

It is required to have v2.0.0 or higher installed before updating to this firmware v2.1.1 to have the most current installation procedures available.

Please note that it's not directly possible to downgrade to a firmware versions older than version 2.0.0. Downgrade to a previous version is only possible using the recovery mode. Please contact the BLK support in case a downgrade from v2.0.0 to one of the previous versions is necessary.

Please note that **Leica Cyclone FIELD 360** versions before v2.4 can show data download issues when used with BLK360 firmware v2.0.0. or newer. It is strongly recommended to update **Leica Cyclone FIELD 360** to the latest version (at the very least v3.1.0) when being connected to BLK360 firmware v2.1.1.

WHAT`s NEW in version 2.1.1

The v2.1.1 is an engineering release which doesn`t contain any new features or fixes.

Version 2.1.1 is required to be able to fully use a new batch of the EDM board.

**The new EDM board is used in all original BLK360 G1 devices with
a serial number of 3509564 or higher.**

A BLK360 G1 with an updated EDM provides the same scanning performance as a device equipped with the previous batch.

v2.1.1 is fully backwards compatible for devices with serial numbers before 3509564.

Note
A device with the new EDM board must run firmware v2.1.1.
Older firmware versions could lead to measurement problems in the temperature range below 10°C.

FIRMWARE INSTALLATION
- **For details on how to update the firmware on a Leica BLK360 G1 please read "BLK360 G1 How to Update the Firmware" manual which is available on Leica MyWorld in the Manuals section.**

1.1 Reminder on a feature introduced with the previous release v2.1.0 – Data transfer over cable

All BLK360 G1 sensor with a **serial number of 3507273 or higher** do support the LAN cable feature. All devices that support the direct LAN communication, will be delivered with a removed USB-C plug.

Older devices with a serial number lower than 3507273 do not support that feature and could get seriously damaged if used anyway in this setup. These damages won`t be covered by warranty, if given.

The USB-C plug must only be removed by Leica service.

For a LAN cable connection a
- USB-C to Gigabit-Ethernet adapter and a
- Ethernet cable

are required.

Note
Leica BLK360 G1 devices with a serial number lower than 3507273 can be upgraded by Leica service to support the data transer over cable.

For details please read the v2.1.0 release notes.