

LEICA BLK2GO

HANDHELD IMAGING LASER SCANNER

RELEASE NOTES

FIRMWARE VERSION 2.0.0 – 11th FEBRUARY, 2021

These Release Notes contain important information about the Leica BLK2GO new firmware version 2.0.0.

It is highly recommended to always use the latest version of the BLK2GO firmware, the BLK2GO Live app and Cyclone REGISTER 360 or Cyclone REGISTER 360 (BLK Edition) software. For compatibility reasons, please use firmware version 2.0.0 with BLK2GO Live app version 1.2.5 or later.

The firmware can be downloaded from myWorld @ Leica Geosystems customer portal as well as from the website <https://shop.leica-geosystems.com/blk2go-firmware>.

WHAT'S NEW

- Significantly improved and more robust GrandSLAM algorithm.

The new GrandSLAM version improves the reliability and can handle a wider variety of scenarios.

In the new firmware version, the sensor will automatically adjust the SLAM methodology to meet the requirements of the surrounding environment. Default scanning mode uses GrandSLAM (the combination of Visual SLAM, LiDAR SLAM, and IMU).

Further significant improvements to precision and point cloud visualisation from firmware version 2.0.0 will become available with the 2021 version of Cyclone REGISTER 360, Cyclone REGISTER 360 (BLK Edition) and Cyclone REGISTER. The 2021 release will take place in the coming weeks.

- Improved temperature regulation control.

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- More detailed information for support and troubleshooting related to error codes.
- Initialisation timeout feature – if the BLK2GO is not stable and the initialisation cannot be achieved, after 30 seconds the initialisation will be stopped.
- General system stability improvements.

BUG FIXES

- Fix an issue that happened with the previous firmware versions 1.1.1 and 1.1.2 where older scans could not be deleted.
- Fix scan duration issue. In some cases, scan duration was missing causing problems when importing the dataset in Cyclone software.
- Fixed an issue with the panoramic cameras causing miscolored point clouds.

For details on how to update the firmware version on the BLK2GO, see the firmware guide available on myWorld @ Leica Geosystems customer portal and BLK2GO website.

For additional support, please contact your local reseller for first level support.

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RELEASE HISTORY

FIRMWARE VERSION 1.1.2 – 18th DECEMBER, 2020

FIRMWARE VERSION 1.1.1 – 27th NOVEMBER, 2020

FIRMWARE VERSION 1.1.0 – 25th SEPTEMBER, 2020

FIRMWARE VERSION 1.0.10 – 16th JUNE, 2020

FIRMWARE VERSION 1.0.8 – 24th MARCH, 2020

FIRMWARE VERSION 1.0.7 – 7th FEBRUARY, 2020

