

LEICA BLK2GO & BLK ARC

HANDHELD IMAGING LASER SCANNER
AUTONOMOUS REALITY CAPTURE

RELEASE NOTES

FIRMWARE VERSION 4.0.1 – 14th FEBRUARY 2024

These Release Notes contain important information about the Leica BLK2GO and Leica BLK ARC new firmware version 4.0.1.

It is highly recommended to always use the latest version of the BLK2GO and BLK ARC firmware in a compatible configuration.

Cyclone REGISTER 360 PLUS v2023.1 is required for full compatibility with BLK2GO and BLK ARC updated to the new 4.0.1 firmware.

BLK2GO firmware	4.0.1
BLK Live app (iOS and Android)	2.0
Cyclone FIELD 360 (iOS and Android)	5.0
BLK2GO Live app (iOS and Android)	1.4.10
Cyclone REGISTER 360 PLUS	v2023.1
Cyclone REGISTER 360 PLUS (BLK Edition)	v2023.1
BLK Data Manager	v2023.1

BLK ARC firmware	4.0.1
BLK ARC-UI	2.1.0 or later
Cyclone 3DR scripts for offline mission planning	3.0 or later
Cyclone 3DR	V2024.0.1
Spot firmware	3.3.x
SpotCORE firmware	3.2.x
SpotCORE I/O firmware	3.3.x
Portainer	2.1.1 or later
BLK ARC API	v0.8.0 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>.

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RECOMMENDATIONS

- After the upgrade, run a “Factory Reset” to ensure the proper installation of the firmware. *Be aware that Factory Reset will delete all the data from your scanner: make sure you saved your data.*
- When you use the device connected to BLK Live app and/or Leica Cyclone FIELD 360, it is recommended to trigger the commands through the app icons for an improved scanning experience.
- Download the new companion app to access all the newest features. BLK2GO Live app will be soon phased out.

BUG FIXES

- Fixed a rare issue in “Press and Go” initialization scan. The user could have experienced this when the initialization was failing, and no advice was showed in the companion app.
- Fixed the handling of the Jobs, Tags and Links information. Deleting the setup via Device webpage or BLK Data Manager that included Tags and/or Links information could have caused a data corruption. It is currently possible to delete multiple Setups from Cyclone REGISTER 360 PLUS, BLK Data Manager and device webpage.
- Fixed the issue related to initialization process being skipped. The user could have experienced that the initialization process was skipped, and no notification was visible in the companion app. One of the clear symptoms was the LED turning green immediately after starting the scan.
- Improved the connection stability. The connection is more stable, and it is easy to connect to the device.
- Improvements in device webpage. The list of the last scans is available on the first page.
- Minor bug fixes.

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KNOWN ISSUES

- Download of the scan data through the device webpage or direct upload to Reality Cloud Studio does not yet have the Jobs, Tags and Links information available. Ensure to directly import the scan data into Leica Cyclone REGISTER 360 PLUS or download using the BLK Data Manager to benefit from the work done within the new companion apps.
- In some rare cases, the LED might be blinking red after booting or during the firmware upgrade. If this happens, wait for the LED to be in solid state, no blinking. If the LED is solid red, turn off the device and turn it on again. If LED is solid green, the device is ready.
- In some rare cases, connecting the device via USB-C cable can lead to red LED. If this happens, unplug and plug again the USB-C cable. This should help solve the issue and get a green LED.
- Occasionally, it can take longer to boot up the device, to ensure, that the system is 100% ready for scanning when the LED is green.