

LEICA BLK2GO & BLK ARC

HANDHELD IMAGING LASER SCANNER
AUTONOMOUS REALITY CAPTURE

RELEASE NOTES

FIRMWARE VERSION 4.1.0 – 20th of August 2024

These Release Notes contain important information about the Leica BLK2GO and Leica BLK ARC new firmware version 4.1.0.

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

FIRMWARE COMPATIBILITY

The BLK2GO running the firmware version 4.1.0 is compatible with the following software:

BLK2GO Live App (iOS and Android)	1.4.10
BLK Live App (iOS and Android)	2.1
Cyclone FIELD 360 (iOS and Android)	5.1
Reality Cloud Studio, powered by HxDR	-
Cyclone REGISTER 360 PLUS	v2024.0.1
Cyclone REGISTER 360 PLUS (BLK Edition)	v2024.0.1
BLK Data Manager	v2024.0.1

The BLK ARC running the firmware version 4.1.0 is compatible with the following software:

BLK ARC-UI	*3.0.0 or later
BLK Live App (iOS and Android)	2.1
Cyclone FIELD 360 (iOS and Android)	5.1
Cyclone 3DR scripts for offline mission planning	4.0 or later
Cyclone 3DR	V2024.0.1
Cyclone REGISTER 360 PLUS	v2024.0.1
Cyclone REGISTER 360 PLUS (BLK Edition)	v2024.0.1
BLK Data Manager	v2024.0.1
Spot firmware	4.0.0 or later
SpotCORE I/O firmware	4.0.0 or later
BLK ARC API	v0.9.0 or later

*The versions above are the recommended setup. The BLK ARC firmware version 4.1.0 is however still compatible with the BLK ARC UI v2.1.0.

With immediate effect, the new firmware can be downloaded from the myWorld customer portal <https://myworld-portal.leica-geosystems.com/> and the website <https://shop.leica-geosystems.com/blk2go-firmware>.

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RECOMMENDATIONS

- When using the device connected to the BLK Live app and/or Leica Cyclone FIELD 360, triggering the commands through the app icons is recommended (instead of the button on the sensor) for an improved scanning experience.
- We recommend using the new BLK Live app to access all the latest features. The BLK2GO Live app will be phased out soon.

IMPROVEMENTS & BUG FIXES

- General system stability improvements, including i.a. improved fan control for most efficient temperature management.
- Minor bug fixes.

KNOWN ISSUES

- The download of the scan data through the device webpage or direct upload to Reality Cloud Studio, powered by HxDR, 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 field apps.
- The connection to BLK2GO Live app will be possible in offline mode only. It means that the upload of scans to the Reality Cloud Studio, and downloading the upcoming firmware releases will not be possible. **Note:** The mentioned functionalities remain available to use within the BLK Live app.
- In cases when the BLK ARC is powered in the data only mode (on purpose or due to voltage drop), it is possible to trigger a scan, but this is not an expected behavior, and it will fail nearly immediately after the scanner starts moving around.

If such situation occurs, when the scanner is powered with both the power and the USB-C cables, please make sure to check the cables' connection and the power source.

To troubleshoot, reboot the device by disconnecting both cables, then connecting first the power, then the USB-C cable. If the issue is persistent, check if your power source provides enough power for the scanner to boot up in the full power mode.