

# LEICA BLK2GO & BLK ARC

HANDHELD IMAGING LASER SCANNER  
AUTONOMOUS REALITY CAPTURE

## RELEASE NOTES

FIRMWARE VERSION 3.1.0 – 2<sup>nd</sup> MAY 2023

These Release Notes contain important information about the Leica BLK2GO and Leica BLK ARC new firmware version 3.1.0.

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

BLK2GO firmware	3.1.0
BLK2GO Live app (iOS)	1.4.8
BLK2GO Live app (Android)	1.4.8
Cyclone REGISTER 360	v2023.0.2
Cyclone REGISTER 360 BLK Edition	v2023.0.2
BLK Data Manager	v2023.0.2

BLK ARC firmware	3.1.0
BLK ARC-UI	2.0.0
Cyclone 3DR scripts for offline mission planning	2.0
Cyclone 3DR	v2023.1 or later
Spot firmware	3.2.x
SpotCore firmware	3.2.x
Portainer	2.1.1 or later

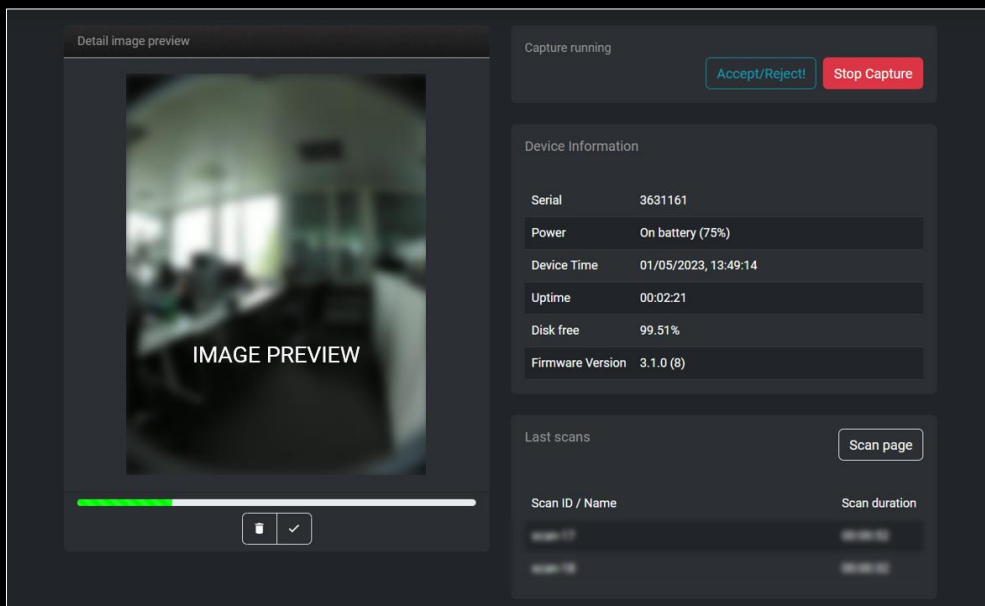
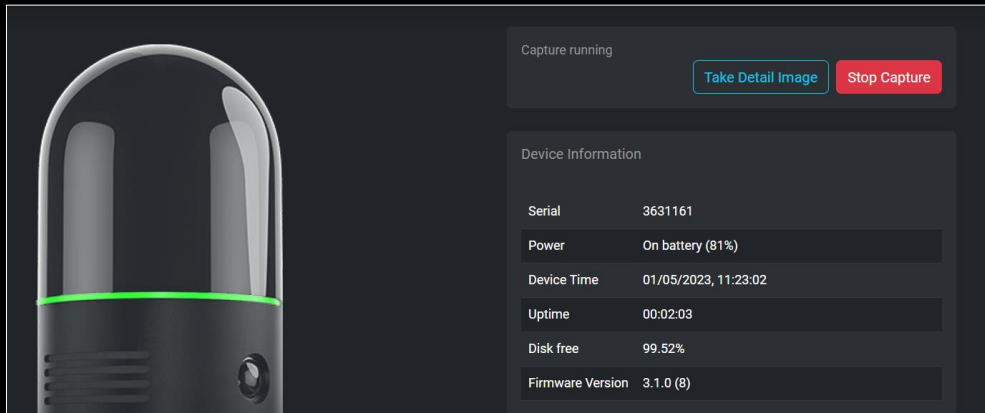
The firmware can be downloaded from myWorld @ Leica Geosystems customer portal as well as from the website <https://shop.leica-geosystems.com/blk2go-firmware>

## WHAT'S NEW

- Detail images can be captured and previewed in the device webpage
  - The detail images can also be triggered remotely from the device webpage. After the image is captured, a preview is available to accept or reject the image. If accepted or if no action is taken (timeout expired), the image is saved. If rejected, the image is not saved in the scan data.

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- For finished scans, in the scan page the detail images are visualized in a carrousel view. The number of both detail images and panoramic images is displayed.

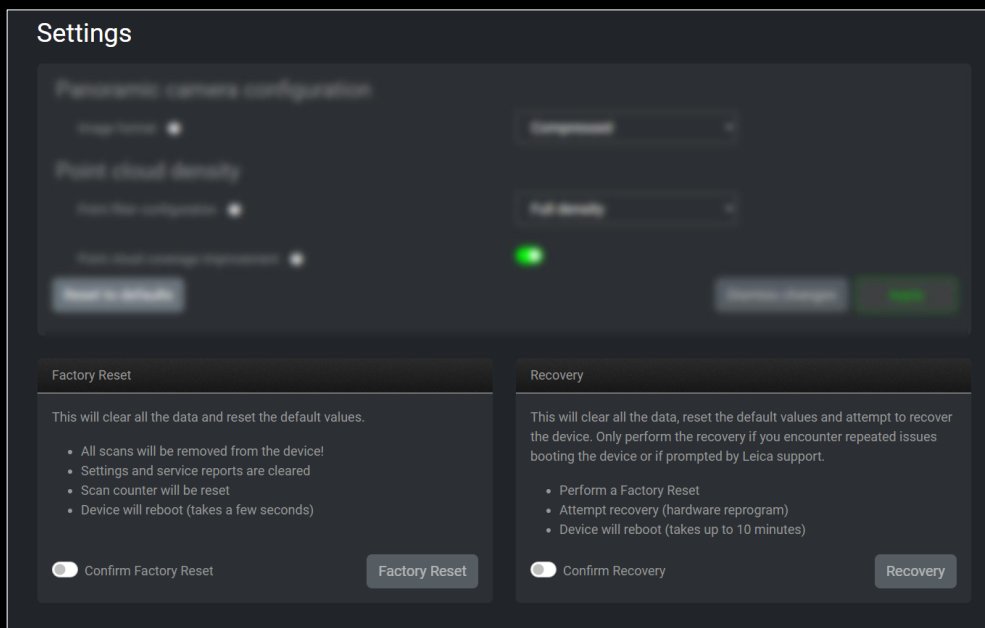
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- A device recovery option is available in the device webpage. Under settings there are now two options:
  - **Factory reset**, which clears all the data from the internal memory, resets the default settings, the service reports, and the scan counter. Factory reset takes a few seconds to be done.
  - **Recovery**, which performs a factory reset and, in addition, a hardware reprogram to attempt to recover the device. This is recommended when encountering repeated booting issues. Recovery takes up to 10 minutes to be done.

Please trigger the recovery only when the device is fully powered, with battery for BLK2GO and with power supply for BLK ARC. Avoid using USB-C connection.

As listed in the known issues below, doing the factory reset from the BLK2GO Live app, triggers the recovery instead of the factory reset.



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- The fan speed in idle state is reduced. This results in less battery consumption and being quieter while downloading data.

## WHAT'S NEW – BLK ARC ONLY

- New functionalities in the API for integrators. Additional details will be communicated in the upcoming API release with relevant documentation.

## BUG FIXES

- The start-up process has been improved to solve some cases where the LED was turning red.
- General system improvements.
- Fixes for minor bug.

## KNOWN ISSUES

- In some rare cases, the LED might be blinking red after booting or during the firmware update. If this happens, turn off the device and turn it on again.
- 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.
- In some rare cases, the device start-up can take a few additional seconds, up to 30 second.
- For BLK ARC, the detail images collected during static mode are not saved in the scan data (b2g file).
- From the BLK2GO Live app, when the factory reset is triggered, the recovery is done instead. To perform a factory reset, please use the device webpage.
- In the device webpage, the preview of the detail image is in some cases not available. Independent from the image preview, the image is correctly stored in scan data (b2g file).
- Connection to the iPhone's Personal Hotspot does not work for iPhones running iOS 16.