

# LEICA BLK360

NEXT GENERATION IMAGING LASER SCANNER



## RELEASE NOTES

Firmware version 1.4.0 – 7<sup>th</sup> of September 2023

We are very happy to release version 1.4.0 for the BLK360.

This version can be loaded on all BLK360 devices of the new generation.

These release notes contain important information about the all-new Leica BLK360 firmware v1.4.0

With immediate effect, the new firmware can be downloaded from myWorld @ Leica Geosystems customer portal: <https://myworld.leica-geosystems.com> and the Leica BLK360 website: <https://shop.leica-geosystems.com/leica-blk/blk360>.

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## WHAT'S NEW

This firmware update focuses primarily on stability improvements. Next to the general stabilisation these issues have been fixed:

- **In rare cases wrong image exposure.**

**This issue is fixed in version 1.4.0**

General information to image exposure (independent of firmware version)

The image exposure is measured only once at the beginning of the imaging, independent of the image mode (LDR or HDR).

This means that the user needs to point the cameras to the area that is of most interest. Especially when the light conditions are challenging.

This is the same workflow as known by “normal” cameras where the image exposure only gets measured before taking a single image.

### Note

This is different to the BLK360 G1. Here the exposure value was defined as an average for the whole surrounding.

- **Occasionally ghost points in sunny outdoor conditions given**  
In sunny outdoor conditions, the point cloud of the BLK360 might have contained ghost points which are directed towards the sun.

**This issue is fixed in version 1.4.0**

It is recommended to update your Leica BLK360 to the latest firmware version (1.4.0) to benefit from these enhancements.

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## FIRMWARE COMPATIBILITY

- Compatibility with mobile device apps:
  - Leica Cyclone FIELD 360 version 4.3.0 or higher is required.

Download android version here

<https://play.google.com/store/apps/details?id=com.leicageosystems.cyclone.field360>

Download iOS version here

<https://apps.apple.com/us/app/leica-cyclone-field-360/id1376463007>

- Leica BLK Live version 1.3.0 or higher is required

Download android version here

<https://play.google.com/store/apps/details?id=com.leicageosystems.cyclone.blknow>

Download iOS version here

<https://apps.apple.com/app/blk-live/id1608854881>

- Compatibility with Cyclone REGISTER 360 PLUS and Cyclone REGISTER 360 PLUS (BLK Edition):
  - v2023.0.3 or higher is required
- BLK Data Manager v2023.0.3 or higher is required

Both Cyclone register 360 PLUS versions as well as the BLK Data Manager are available on myWorld @ Leica Geosystems customer portal: <https://myworld-portal.leica-geosystems.com>.

Please check regularly if updates of the apps are available.

For more general information on the all-new BLK360 please refer as well to User Manual which is available on myWorld @ Leica Geosystems customer portal: <https://myworld-portal.leica-geosystems.com> and the Leica BLK360 website: <https://shop.leica-geosystems.com/leica-blk/blk360>.