

- when it has to be **right**



Leica Geosystems Release Notes

Product Leica BLK360 Imaging Laser Scanner
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Leica BLK360 Imaging Laser Scanner – Firmware v2.0.0



These Release Notes contain important information about the new Leica BLK360 Imaging Laser Scanner firmware v2.0.0.

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

It is recommended to have v1.2.4 installed before updating to this firmware v2.0.0 to have the most current installation procedures available for the update to v2.0.0.

Please note that it's not directly possible to downgrade to one of the previous firmware versions once version 2.0.0 is installed, downgrade to a previous version is only possible using the recovery mode. Please contact the BLK support in case a downgrade from v2.0.0 to one of the previous versions is necessary.

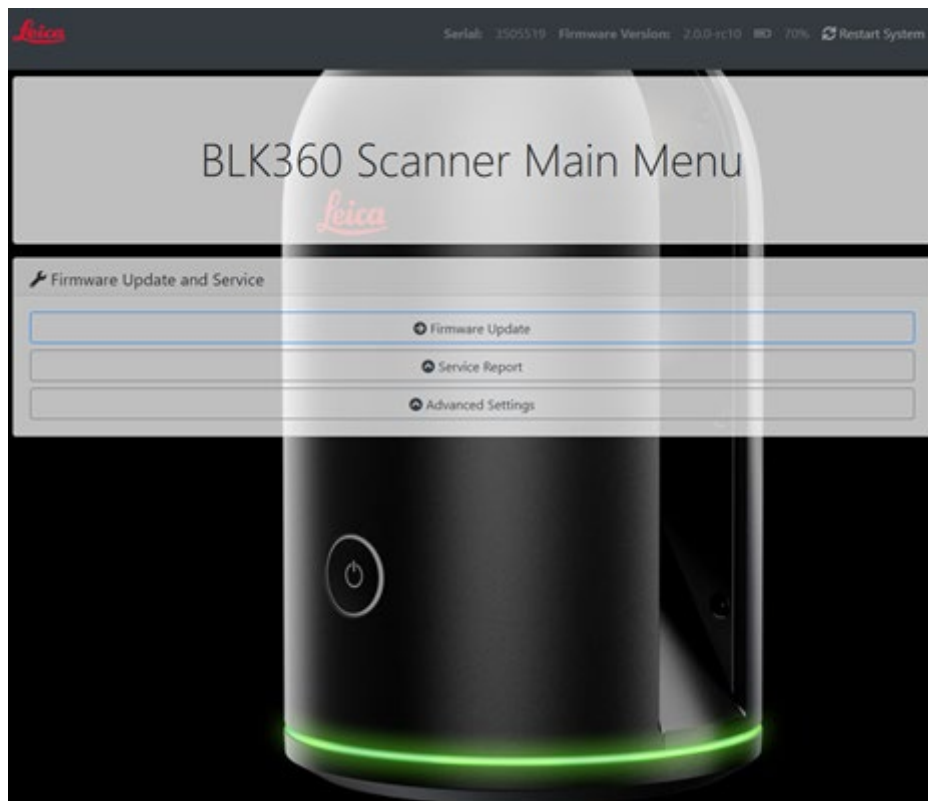
Please note that **Leica Cyclone FIELD 360** versions before v2.4 can show data download issues when used with BLK360 firmware v2.0.0. It is strongly recommended to update **Leica Cyclone FIELD 360** to the latest version v2.4 when used connected with BLK360 firmware v2.0.0.

WHAT'S NEW – after firmware update

Features and firmware improvements directly available for the user after the firmware update.

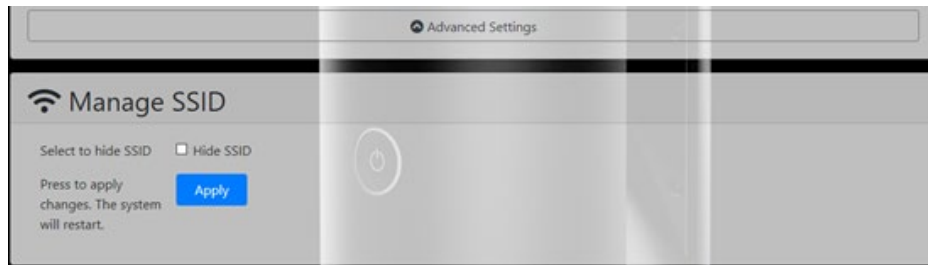
1. New Linux operating system & new web interface

The version 2.0.0 uses a new Linux operating system which supports a new web interface for the BLK360. All existing functionality is supported and maintained.



2. Support of SSID handling inside the web interface

The new web interface supports to hide the SSID in case users don't want to broadcast the SSID. In case the SSID should be reset to the default settings this is also supported by the webinterface. The according settings are available on the webinterface in the sub-menu Advanced Settings.



3. Dust/Dirt detection

The BLK360 is executing QA processes during the scan on the fly in the field if the according scan data only includes valid measurements, which afterwards can be processed by the according software or app. In case this is not happening the BLK360 will go in normal Error state, indicated by the yellow LED ring. If the Cyclone FIELD 360 app is used to execute the measurements an according error-message is shown.

4. Battery capacity reading

The battery capacity reading using the 1-wire battery interface was failing sometimes and could cause less accurate capacity information to be shown, this is fixed in v2.0.0.

WHAT'S NEW – after software/app update

Please note that to make use of the new functionalities of v2.0.0 listed below a new version of the according iOS/Android app respectively a new version of Cyclone, Cyclone REGISTER 360 or BLK360 Data Manager is required.

1. Setup name template support

Firmware v2.0.0 is prepared to support name templates for the datasets captured with the BLK360.

FIRMWARE INSTALLATION

- Please see enclosed the firmware loading guide for details on how to update the firmware on a Leica BLK360.