

LEICA BLK2GO & BLK ARC

HANDHELD IMAGING LASER SCANNER
AUTONOMOUS REALITY CAPTURE

RELEASE NOTES

FIRMWARE VERSION 4.3.0–02nd of September 2025

These Release Notes contain important information about the Leica BLK2GO and Leica BLK ARC new firmware version 4.3.0.

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 4.3.0 is compatible with the following software:

BLK2GO Live App (iOS and Android)	v1.4.10
BLK Live App (iOS and Android)	v3.0 or higher
Cyclone FIELD 360 (iOS and Android)	v6.0 or higher
Reality Cloud Studio, powered by HxDR	-
Cyclone REGISTER 360 PLUS	v2025.0.1 or higher
Cyclone REGISTER 360 PLUS (BLK Edition)	v2025.0.1 or higher
BLK Data Manager	v2025.0.1 or higher

The BLK ARC running the firmware version 4.3.0 is compatible with the following software:

BLK ARC-UI	v3.1.0 or higher
BLK Live App (iOS and Android)	v3.0 or higher
Cyclone FIELD 360 (iOS and Android)	v6.0 or higher
Cyclone 3DR scripts for offline mission planning	v4.0 or higher
Cyclone 3DR	V2025.0 or higher
Cyclone REGISTER 360 PLUS	v2025.0.1 or higher
Cyclone REGISTER 360 PLUS (BLK Edition)	v2025.0.1 or higher
BLK Data Manager	v2025.0.1 or higher
Spot firmware	4.1.1 or higher
SpotCORE I/O firmware	4.1.1 or higher
BLK ARC API	v0.12.0 or higher

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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AUTONOMOUS REALITY CAPTURE

RECOMMENDATIONS

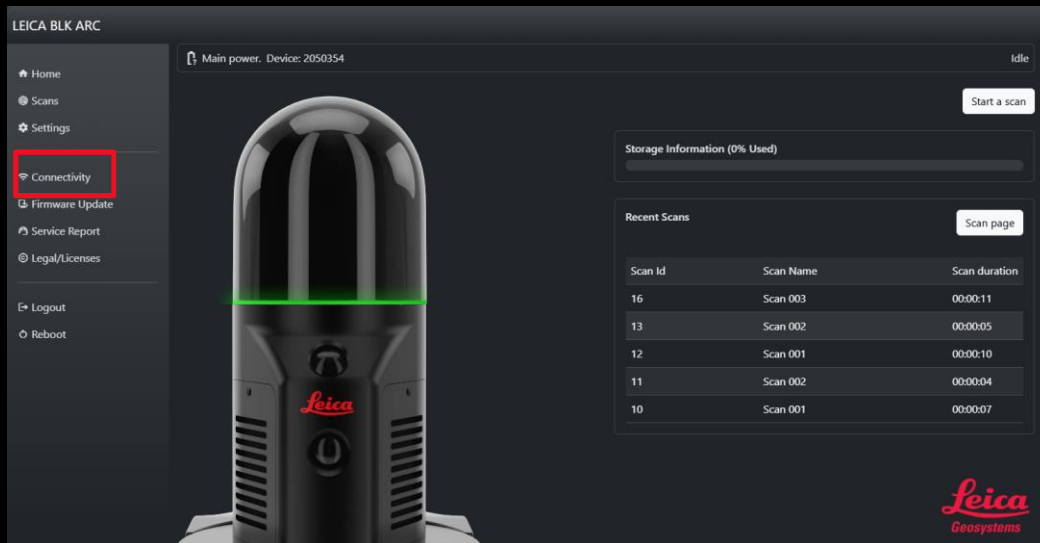
- When using the device connected to the BLK Live app and/or Leica Cyclone FIELD 360, triggering the commands through the app icons is recommended (instead of the button on the sensor) for an improved scanning experience.
- It is recommended to use the new BLK Live app to access all the latest features.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

WHAT'S NEW

1. Change Wi-Fi Access Point and Device Login Password

You can now update the password for accessing the device's Wi-Fi and the Webserver. The password can be changed only in the USB connection mode.

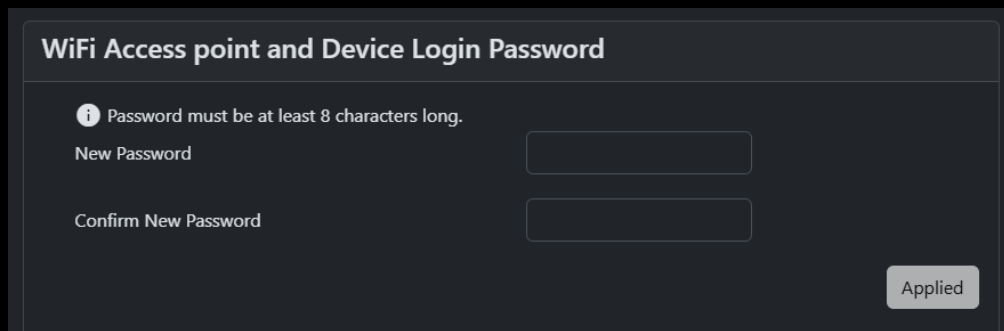
To change the password, navigate to the **Connectivity** settings within the Webserver by selecting "Connectivity" from the menu on the left.



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HANDHELD IMAGING LASER SCANNER
AUTONOMOUS REALITY CAPTURE

At the bottom of the screen, you'll find a new section titled **Wi-Fi Access Point and Device Login Password**.



WiFi Access point and Device Login Password

i Password must be at least 8 characters long.

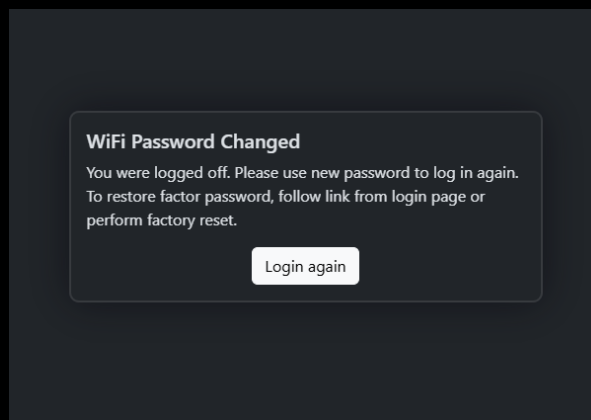
New Password

Confirm New Password

Applied

Enter a new password (minimum 8 characters, can include numbers, ASCII, and non-ASCII characters).

After applying the change, a confirmation message will appear, and you will be automatically logged out. Use the new password to log back in.



WiFi Password Changed

You were logged off. Please use new password to log in again.
To restore factor password, follow link from login page or
perform factory reset.

Login again

The QR code displayed on the Connectivity page will automatically update to reflect the new password.

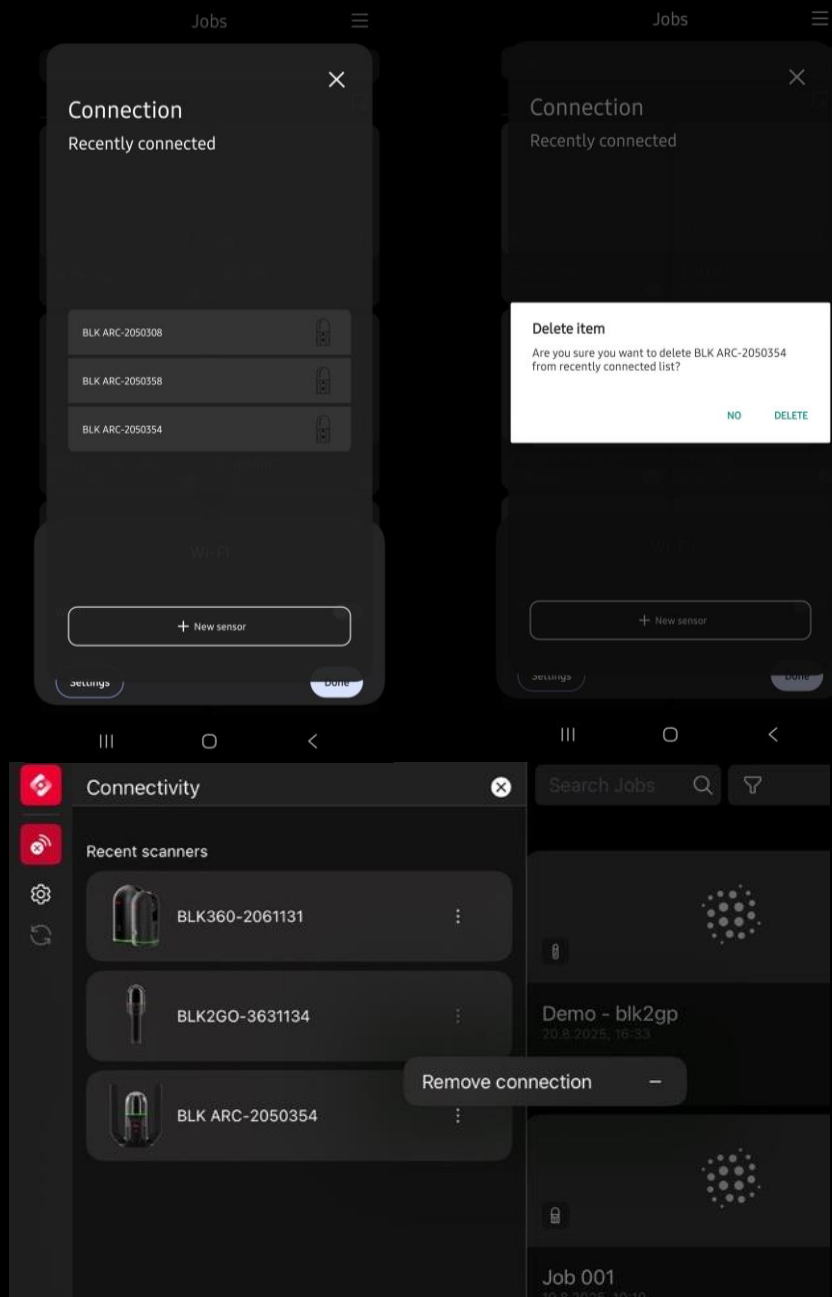
The factory password will no longer work once the password is changed. Ensure you reconnect to the companion app using the new password.

LEICA BLK2GO & BLK ARC

HANDHELD IMAGING LASER SCANNER
AUTONOMOUS REALITY CAPTURE

Important: To ensure a smooth connection after the password change, please delete the previously stored connection to your device from the companion app.

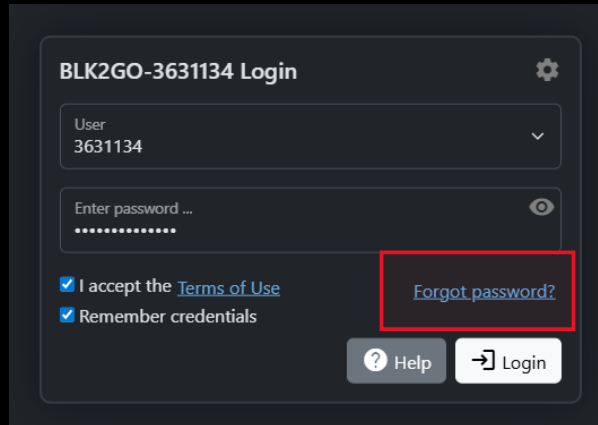
To proceed, open the Connections page in either the Cyclone Field 360 or BLK Live app and search for the device name and serial number you want to remove from the connection list. In the BLK Live app, long-press the item in the list and confirm deletion. In the Cyclone Field 360 app, tap the three-dot icon and select **Remove Connection**.



LEICA BLK2GO & BLK ARC

HANDHELD IMAGING LASER SCANNER
AUTONOMOUS REALITY CAPTURE

If you forget the new password, you can recover it by selecting **Forgot Password?** on the login page. Enter the factory password when prompted, **press Reset**, and you'll be redirected to the login page.



Performing a **Factory Reset** or **Recovery** will restore the factory password.

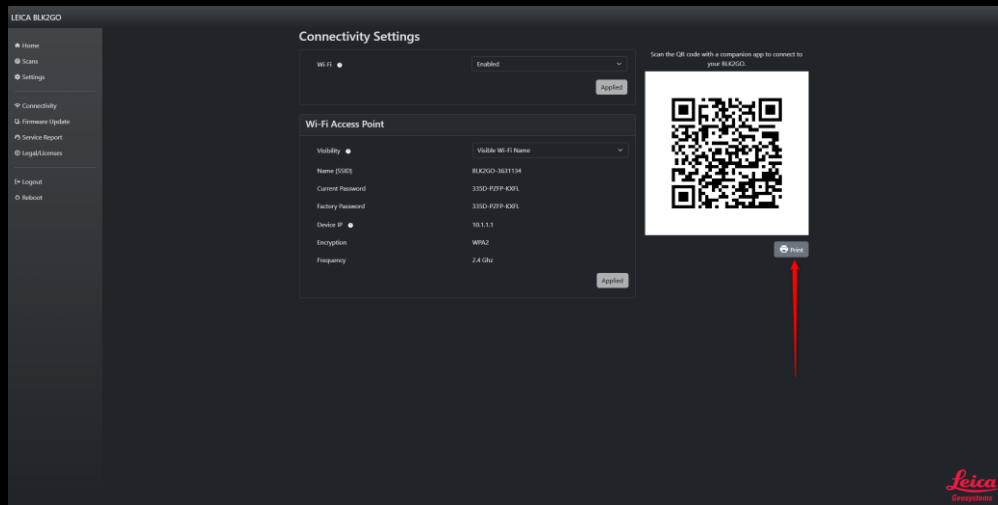
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HANDHELD IMAGING LASER SCANNER
AUTONOMOUS REALITY CAPTURE

2. Print Device Label

A **Print** button is now available on the **Connectivity** page (both Wi-Fi and USB sections). This feature allows you to easily print the device label, which includes:

- Device Name (SSID)
- Current Password
- Factory Password
- Device IP Address
- QR Code for the current password



- **Optimized Lidar Positioning for optimal airflow**

Devices take a few extra seconds at the end of a scan to adjust the Lidar's position, ensuring the optimal idle position for improved internal airflow. This feature might help, in certain conditions, to prevent the device from overheating.

IMPROVEMENTS & BUG FIXES

- Improved estimation of the Lidar timestamp, leading to more accurate measurements when collecting points at longer distances
- Improved protection against unauthorized access to the sensor data and remote control

Leica Geosystems AG, Heerbrugg, Switzerland, 2025

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HANDHELD IMAGING LASER SCANNER
AUTONOMOUS REALITY CAPTURE

KNOWN ISSUES

- If you download a Job via BLK Data Manager (2025.0.0) and then import the job into Register360+ (2025.0.0), the detailed pictures will not be visible. However, the detail pictures are visible in the workspace if b2g files are imported separately, without the job information. Use direct import in the Register360+ workspace to ensure the full import of Detail pictures and Tags.
- 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 the BLK2GO Live app will be possible in offline mode only. It means that the upload of scans to 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 and the Cyclone FIELD 360.