

Dear Blickfeld Customer,
Blickfeld engineering has identified a security issue in the firmware of Blickfeld LiDAR sensors, which may affect your use of the devices. Please review the Security Advisory notice to determine if the issue applies to your environment and install the firmware update immediately.

BF00002

Security weakness in the firmware of Blickfeld Qb2, QbProtect, QbProtect S and QbVolume LiDAR sensors

Summary

As part of our continuous internal security testing and quality assurance, the Blickfeld engineering team has identified a security weakness affecting the firmware of the Blickfeld LiDAR sensors Qb2, QbProtect, QbProtect S and QbVolume. The weakness was discovered in a controlled environment by our development team during a security review. We have identified no evidence of external discovery, exploitation, or customer impact in the field.

Blickfeld has categorized this as an important security update. The weakness is resolved with firmware versions v3.0.11 and v2.17.12 as well as all firmware versions released after 2026-10-18. We strongly recommend installing the update immediately across your entire fleet.

Affected Products

- Vulnerable products:
 - Blickfeld Qb2, QbProtect, QbProtect S and QbVolume running firmware versions v2.0.0 to v3.0.9 (except v2.17.12)
- Products confirmed not vulnerable:
 - Firmware versions v3.0.11 and v2.17.12
 - All firmware versions released after 2026-10-18

Affected Platforms

- Qb2
- QbProtect / QbProtect S
- QbVolume

Conditions

- Your sensor is running an affected firmware version (v2.0.0 to v3.0.9, except v2.17.12)
- A malicious party has network access to the sensor

Workarounds

Until the update has been applied across your entire fleet, ensure that all sensors adhere strictly to standard industrial network isolation.

- Network Segmentation: Operate all sensors exclusively within an isolated, dedicated operational technology (OT) or private security network.
- Public Exposure: Ensure that no sensor is directly routable from or reachable via the public internet.
- Access Control: Restrict network routing to the sensors strictly to trusted management hosts and authorized network segments.

Solution

Install firmware version v3.0.11, v2.17.12 or any firmware version released after 2026-10-18 on every affected sensor:

- Log in to the web interface of each sensor and navigate to the System > Firmware page.
- If your device has internet access, you can directly use the included One-Click-Update.
- If your device has no internet access, use the manual firmware upgrade on the same page with the fitting .raucb file provided on <https://github.com/Blickfeld/blickfeld-qb2/releases>
- Verify that each unit reboots successfully and shows the updated firmware version.
- If you require a patch release for an older firmware version to stay on an older feature level, please get in touch with the Blickfeld support team.

Additional Resources

<https://github.com/Blickfeld/blickfeld-qb2/releases>

Contact

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