

UPS installation for DroneScout ds230/ds240 receivers

August 2026 - version 1.0

Remote ID for drones



The latest version of this manual is located here:
https://download.bluemark.io/ds_ups.pdf

Intended audience: system integrators

Disclaimer: we are not responsible or liable for errors or incomplete information in this document.

Version history

version	date		description
1.0	August 2026	●	Initial release

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2 INSTALLATION

2.1 Assemble the UPS pack

- Connect the LiPo batter to the PCB: insert first the battery connector through the hole in the PCB, then connect it to the battery connector.
- Mount the 4 plastic stands with the provided.
- Use a tie wrap to fasten the battery to the PCB.
- Figure 2, shows the assembled pack.

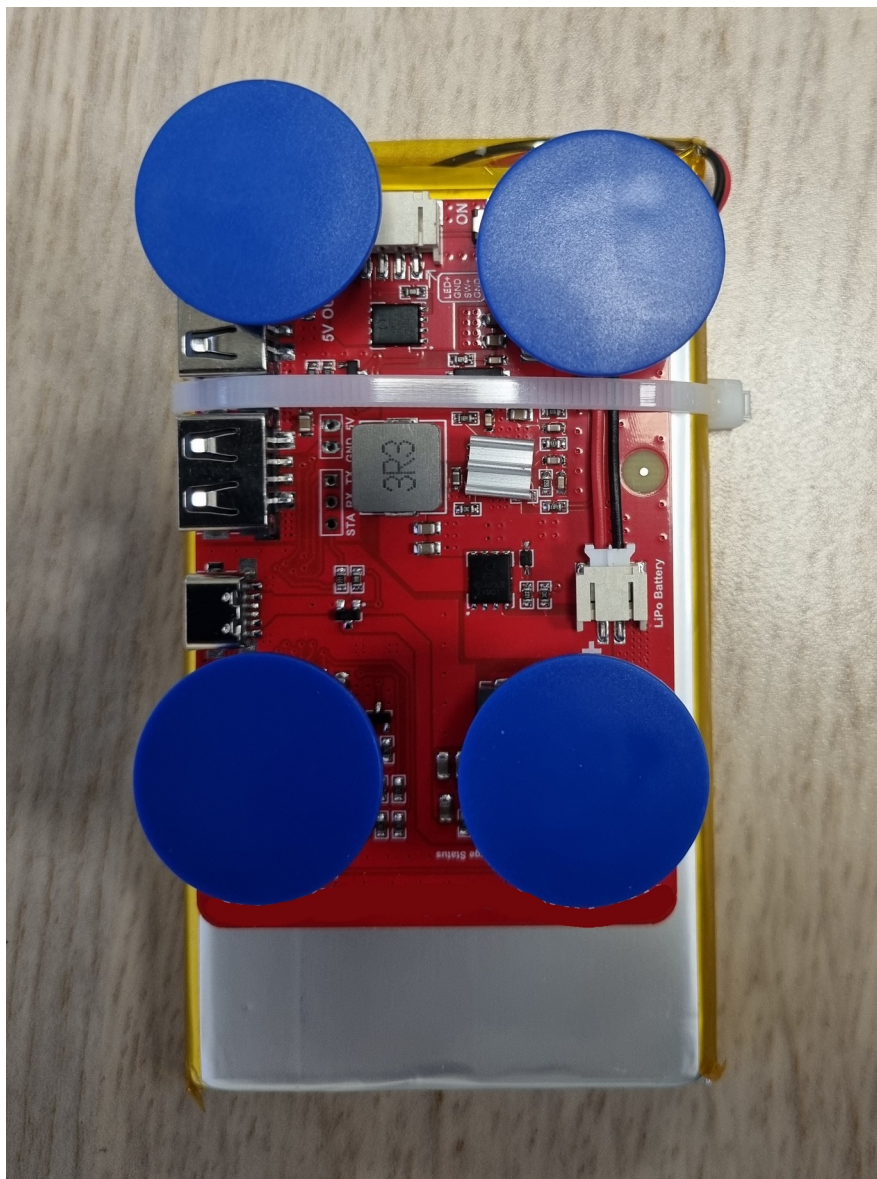


Figure 2 – assembled UPS pack

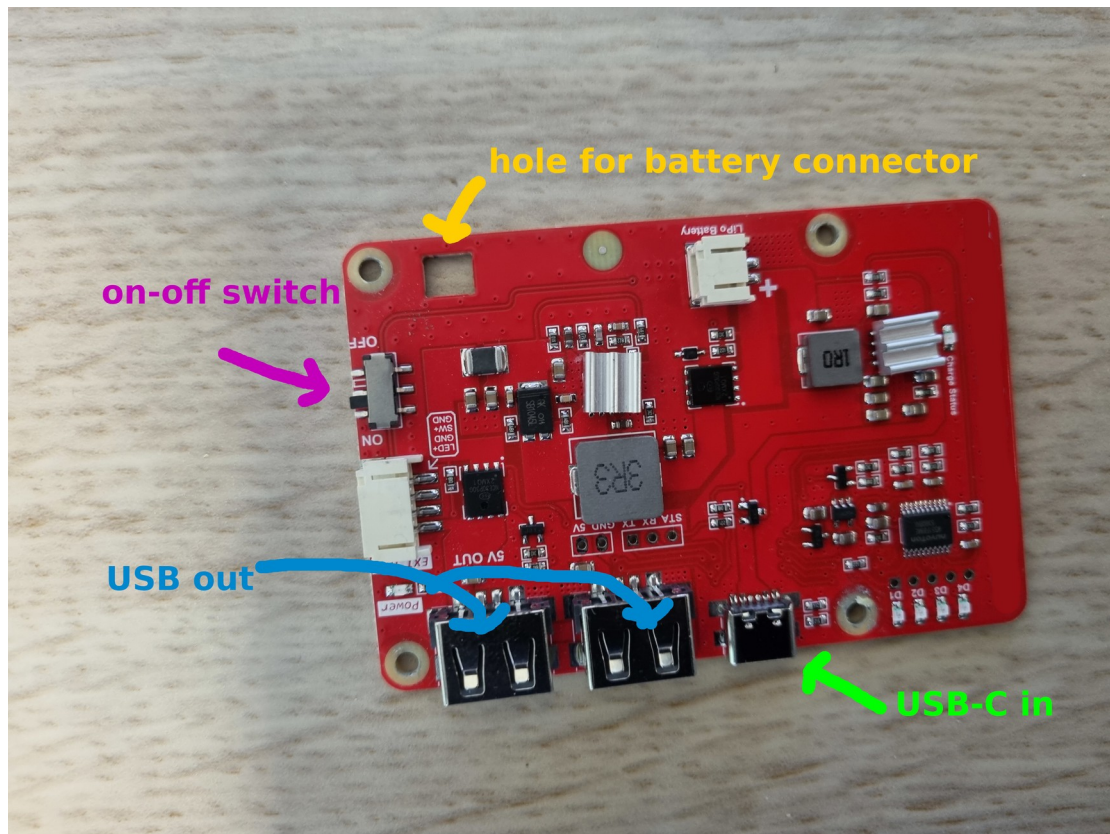


Figure 3 – UPS pack PCB with connectors, on/off switch and battery hole indicated.

2.2 Assemble in DroneScout Receiver

- Open the DroneScout receiver, by removing the 4 screws on the back first, then remove the cover.
- Disconnect the USB-C cable from the ARM-board. (The cable from the PoE splitter) and connect it to the USB-C in of the UPS PCB.
- Use the USB C-to-A cable and connect it to one of the two USB-A ports and connect the USB-C end to the ARM board
- Make sure the on/off switch is connected to on. If so, the DroneScout receiver will be automatically powered. Also a few green LEDs on the UPS board will be on, such as the 4 LEDs that indicate battery level.
- Mount the UPS pack to the cover of the DroneScout receiver as shown in Figure 4. This can be done with the provided 4x 3M stickers, but it is preferred to use super glue as this provides a stronger bond between plastic stand and cover.
- Put the cover with UPS pack on the enclosure and use the 4 screws to secure the cover.

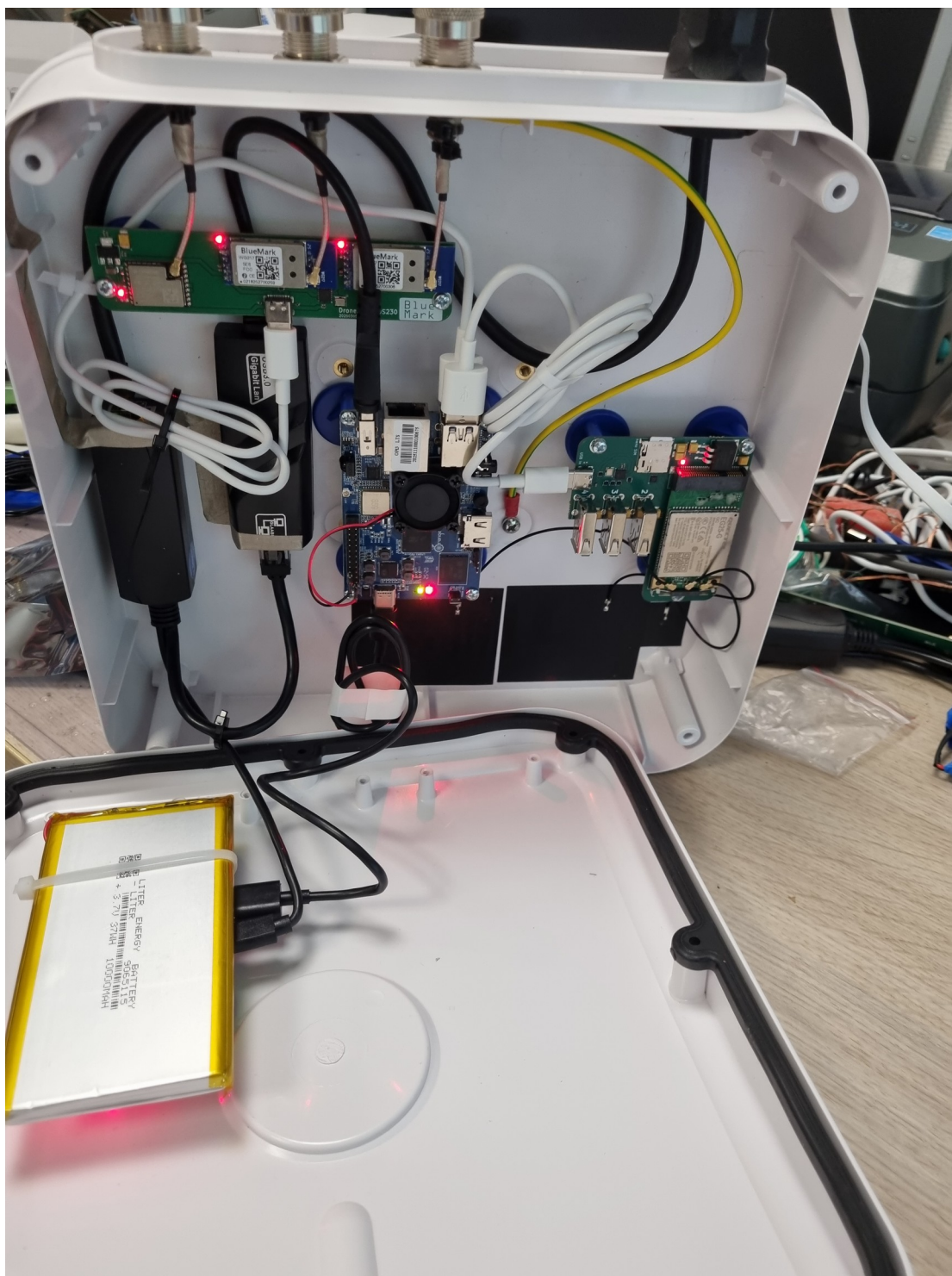


Figure 4 – Assembled UPS pack to the cover of the DroneScout receiver

3 MORE INFORMATION

If you need more information, please contact us at info@bluemark.io or by phone: +31 53 711 2104.

All contact information can be found at the *DroneScout* contact page:
<https://dronescout.co/contact/>