MANUAL 3 · UPDATES

FIRMWARE UPDATES

Keep the relay and target hubs up to date: new firmware brings fixes and features. An update takes about a minute per box, and a failed one never changes what the box runs.

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WHICH BUILD AM I ON?

Open **Settings › Firmware updates** in the app: it shows the relay's build and each target hub's. The newest build is on the Support page. Update the relay first, then the hubs.

WITH THE OVERSIGHT APP (ANDROID)

1. While the phone has internet (mobile data or home WiFi), open the app's **Firmware updates** (tap the relay chip at the top, then **Firmware updates**; a **Firmware update** chip also appears when a box is out of date) and tap **Check for updates**. The files are saved on the phone, so the range needs no internet.
2. At the range, join the relay's WiFi and open **Firmware updates** again.
3. **Relay:** tap **Update**. The relay restarts on the new build; re-join its WiFi if the phone dropped it.
4. **Each hub:** tap **Update** next to it. The hub opens its own WiFi, `OVERSIGHT-HUB-<number>` (same password as the relay). Join it when the app asks, tap **I've joined it: continue**, and re-join the relay afterwards.

WITH ANY BROWSER (IPHONE, LAPTOP, TABLET)

1. While you have internet, download the files for your boxes from the Support page: `relay-<build>.bin` and `hub-<build>.bin`. Keep the names as they download.
2. **Relay:** join `OVERSIGHT`, open `192.168.4.1/update` (or **Settings › Firmware updates (browser) › Update the relay**), choose the relay file and tap **Install**. Wait for **Done**.

3 **Hub:** on the relay's page, open **Settings › Firmware updates (browser) › Open its update WiFi**. Within about 30 seconds the hub opens `OVERSIGHT-HUB-<number>` for 10 minutes. Join it, open `192.168.4.1`, choose the hub file and tap **Install**. Then re-join `OVERSIGHT`.

> **TIP**
>
> The update page checks the file is for that kind of box before sending it. A relay file can't go on a hub, or the other way round.

IF AN UPDATE STOPS OR FAILS

- **Nothing changes on a failed update.** The box keeps running its current firmware: just try again.
- Stand within a few feet of the box and keep the phone's screen on and the page open until it says **Done**.
- A weak link slows the transfer down rather than stopping it: damaged pieces are sent again. If it still gives up, note the message (it names what went wrong) and try again closer.
- If the app says a box's firmware is **older than app updates**, or an update keeps failing, use the USB backup below.

BACKUP: FLASH OVER USB

With the box plugged into a computer running Chrome or Edge, the Flash over USB page installs the latest firmware in about a minute. It keeps the hub's target number and the relay's settings, as long as you leave **Erase device** unticked. Still stuck? Email info@oversighttargets.com with the message you see.

STILL STUCK?

Email info@oversighttargets.com with what you see and, if you can, a photo of your setup or the app's debug export (see Sending us data). We reply within one business day.