Snapshot screen

Altimeter Cloud

The Nano works with the Snapshot screen, a small handheld display that shows your Nano's details and its most recent flight summary without a computer.

Connect the Nano to the screen with a USB-C to micro-USB cable. When the Nano detects the screen, its LED shows green fading to pale pink.

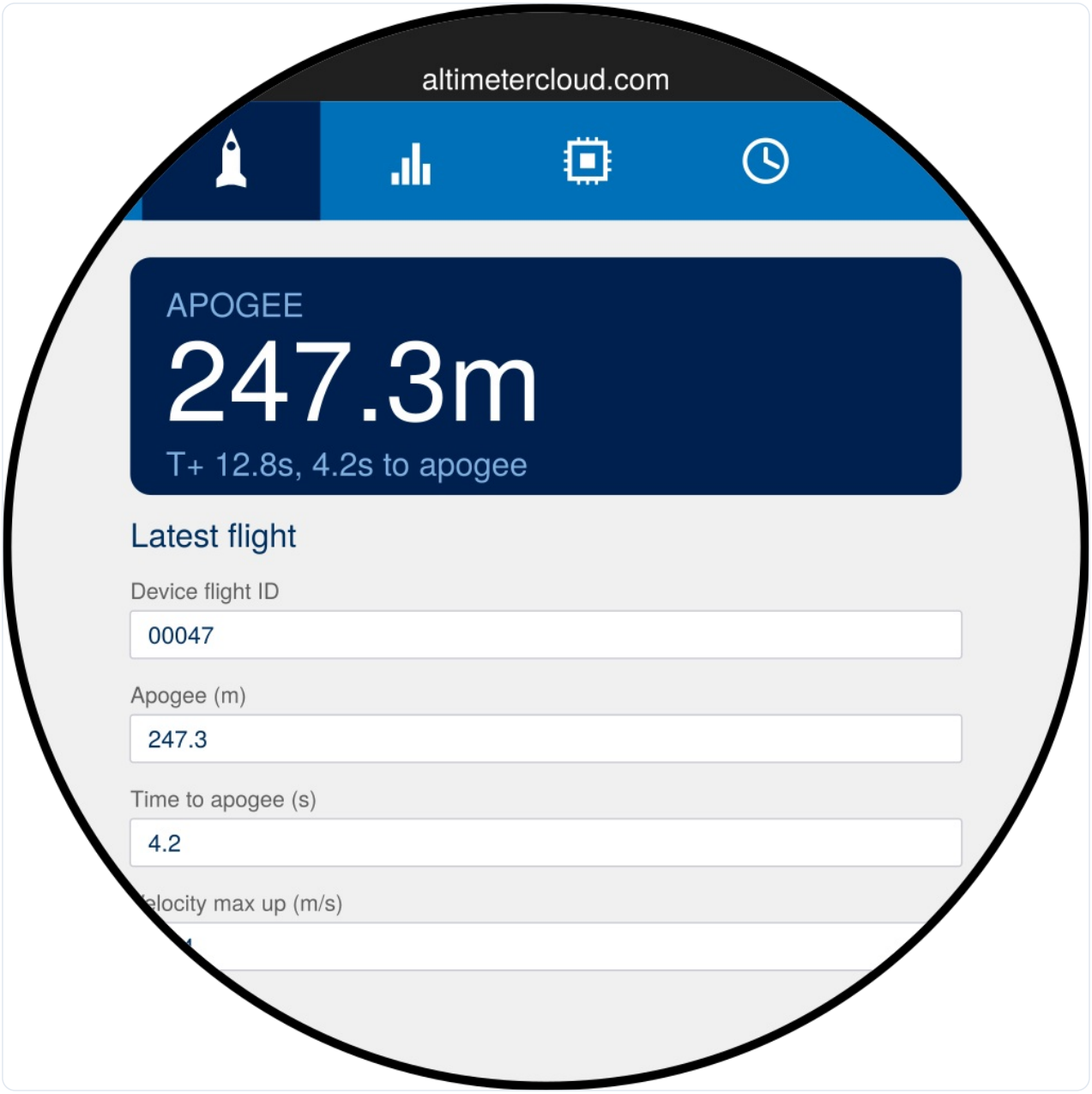
The screen has four tabs, plus a pull-down settings panel. Tap an icon in the tab bar along the top (rocket, chart, chip, clock) to jump to that tab, or swipe left or right on the tab content to move one across. The selected tab sits in a darker blue box.

AT COMPETITIONS

The Snapshot screen is a quick way to check lots of altimeters on the day: you can confirm a Nano is blank, and check its serial number, device tag and competitor tag, without a laptop.

01

Flight tab



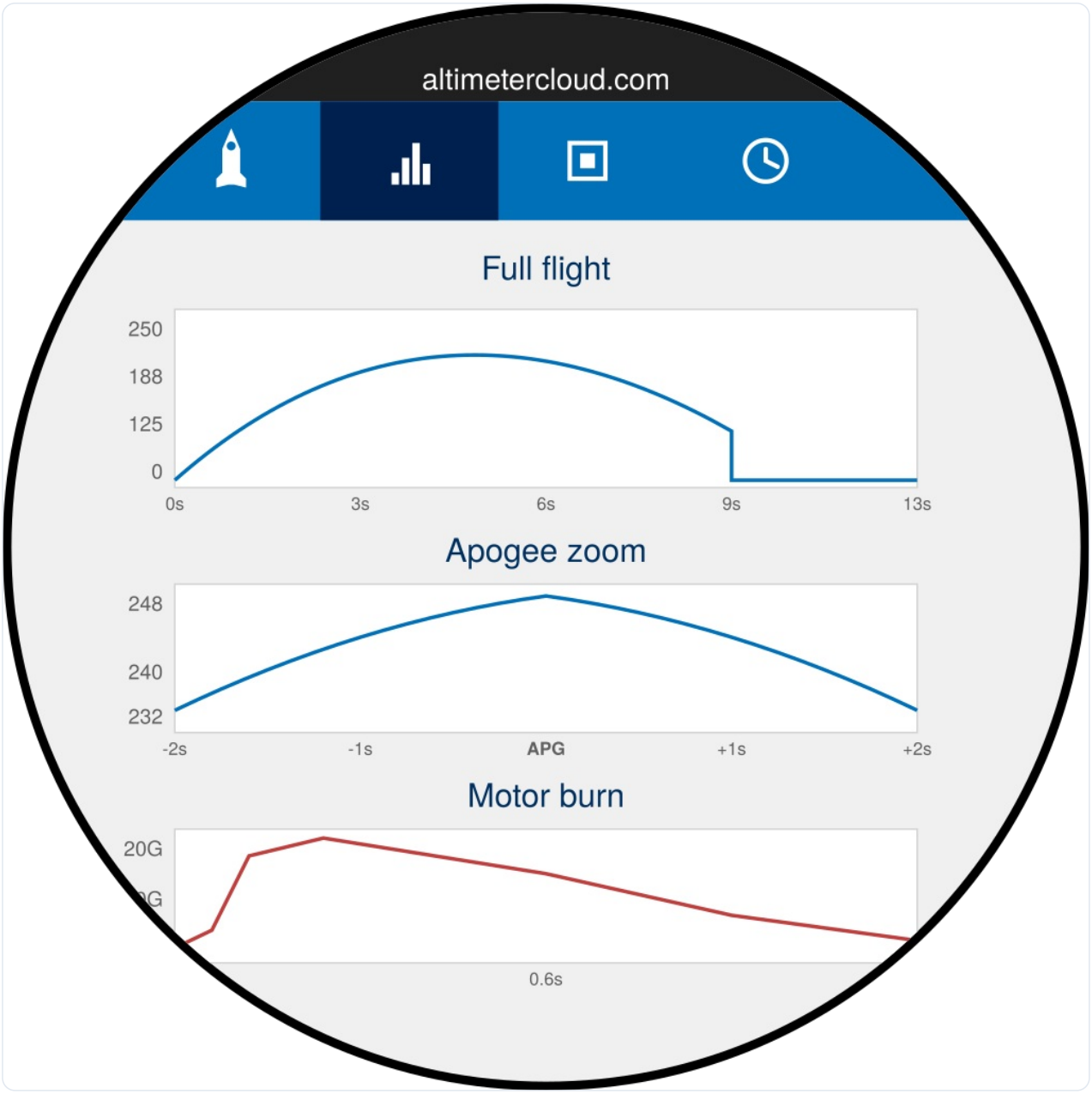
Your most recent flight. The blue box at the top shows the three things you'll want straight away: apogee, total flight time and time to apogee. Below it, every statistic from the altimeter is listed in order:

- Apogee, maximum velocities and maximum accelerations
- Burnout time and velocity
- Ejection time, landing time and descent velocity
- Launch rail tilt and maximum tilt during the burn

Swipe up or down to scroll. To look back at earlier flights, use the History tab.

02

Charts tab



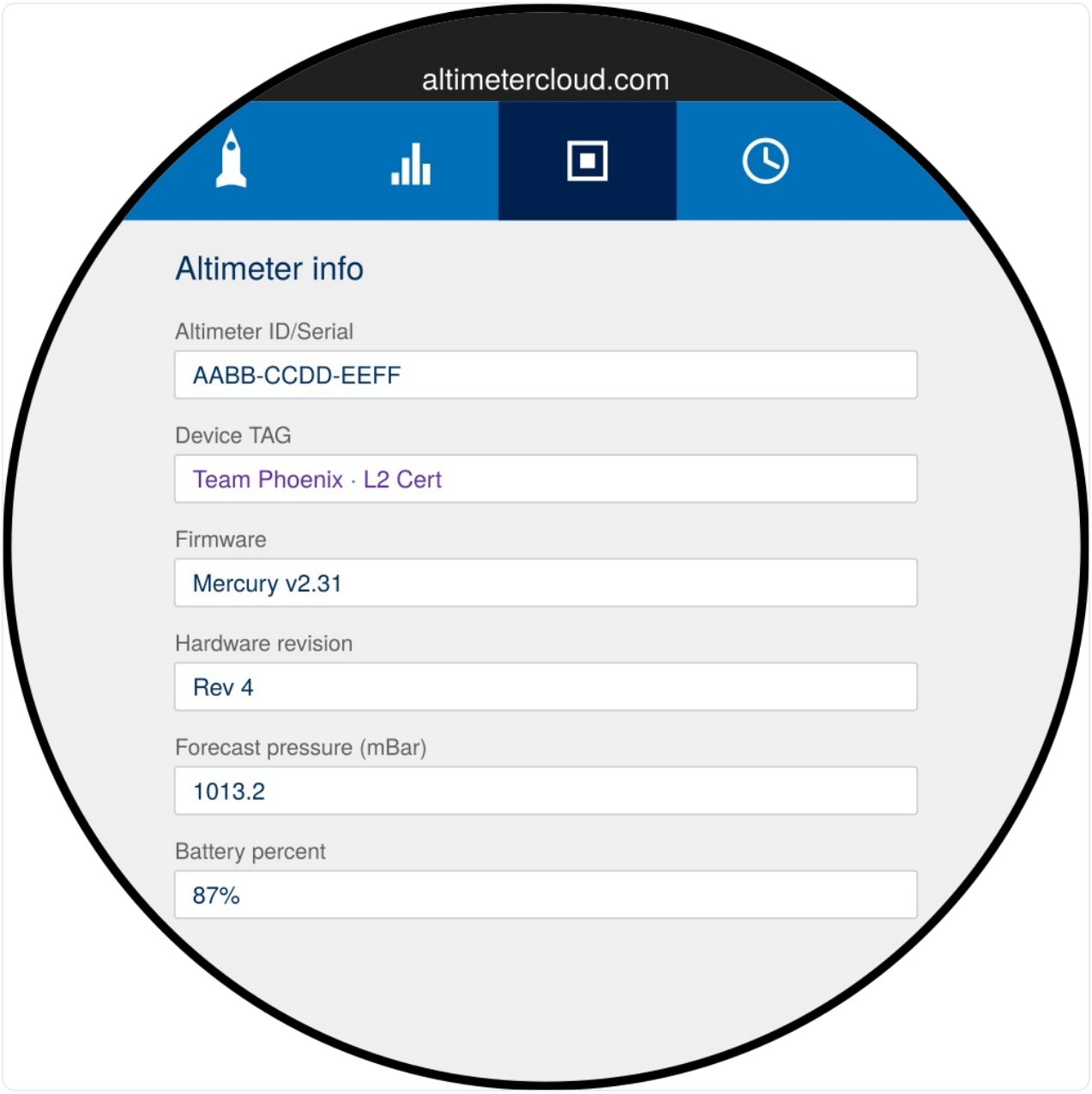
Three small charts, one above the other:

- **Full flight.** Altitude from launch to landing.
- **Apogee zoom.** The four seconds around apogee, so you can see the shape at the top.
- **Motor burn.** Acceleration from launch to burnout.

Each chart scales itself to the flight, so the shape is clear whether the rocket reached 30 m or 3 km. If the motor burn chart shows "no data", no distinct burnout was found. That's normal on sustainers and some short motors.

03

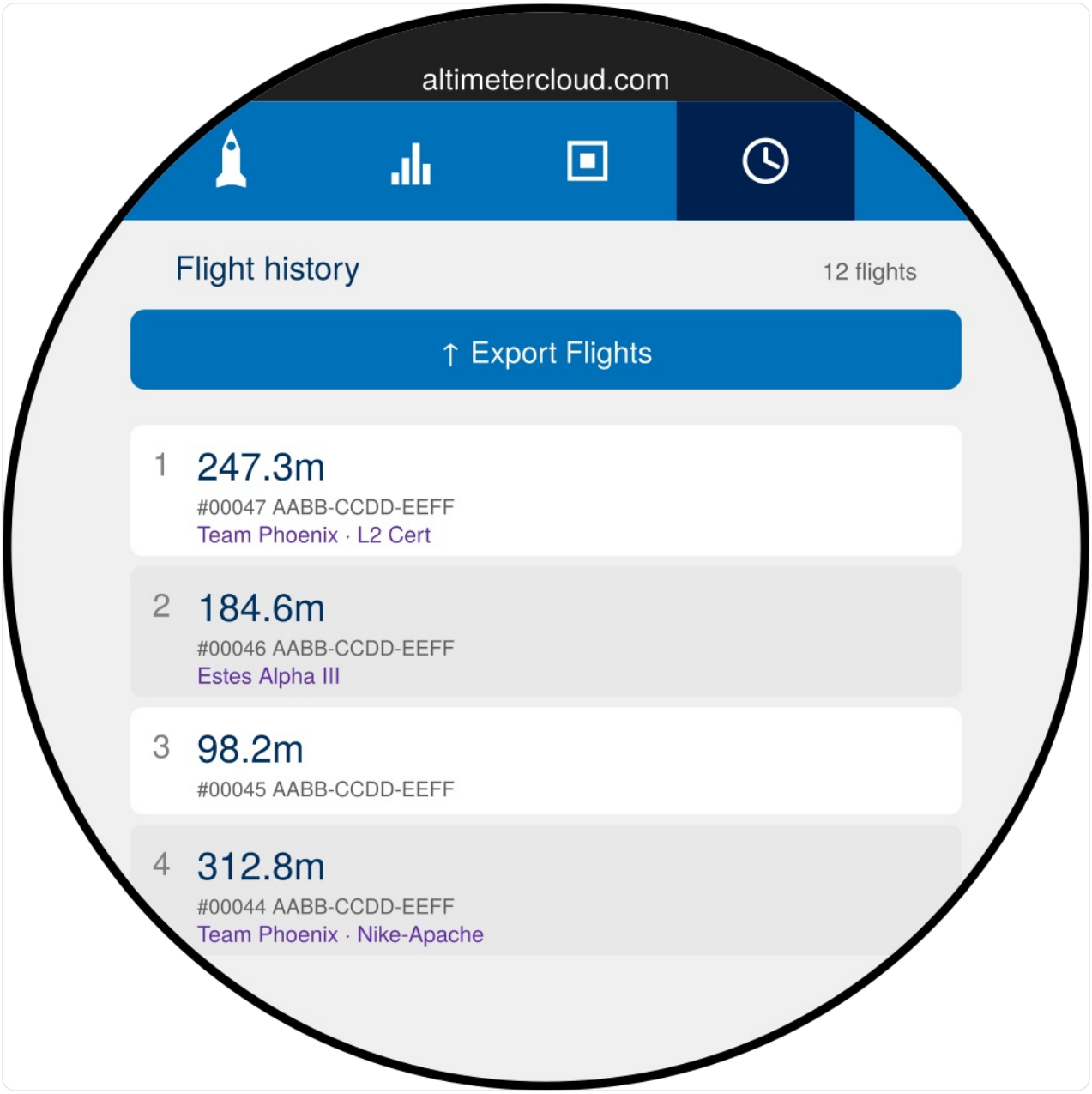
Altimeter info tab



- **Altimeter ID and serial.** The serial number you'll need when adding the Nano to your Altimeter Cloud account.
- **Device tag.** The name set on the altimeter. It also appears next to each flight in the History tab, so pick something you'll recognise.
- **Firmware and hardware revision.** Useful when reporting a problem.
- **Pressure and battery.** Updated live while the Nano is connected.

04

History tab



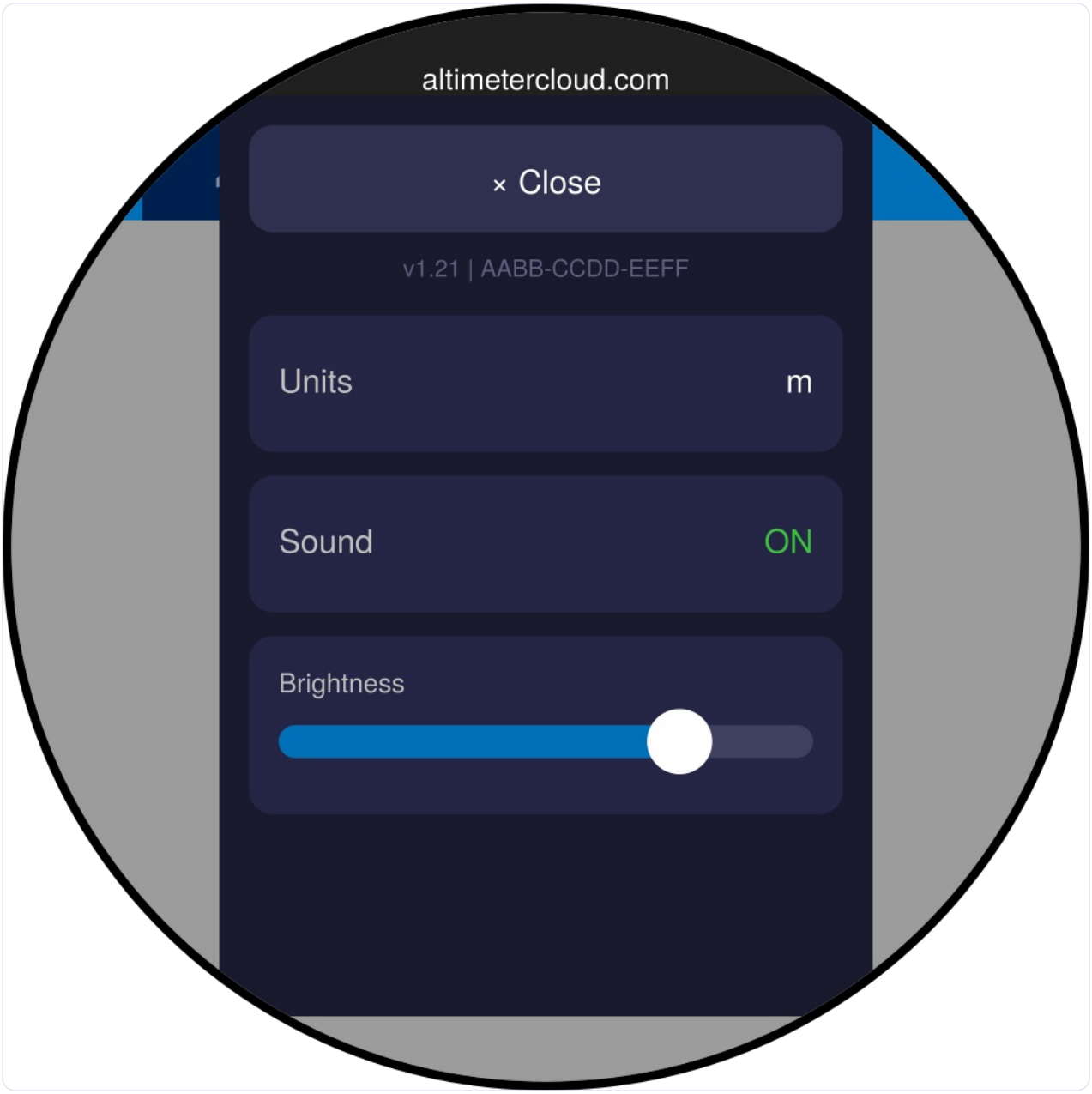
Every flight the screen has read, up to 200. Each row shows the apogee, the flight number, the altimeter's serial and the device tag at the time of the flight. The count in the top right shows how many are stored.

Tap a row to load that flight onto the Flight and Charts tabs. An orange LOADED DATA strip appears on those tabs while you're looking at a stored flight rather than the connected Nano.

The Export Flights button at the top opens the WiFi and export menu.

05

Quick settings



Swipe down from the very top edge of the screen to open the settings panel:

- **Close.** Dismisses the panel.
- **Screen firmware and MAC.** Shown together on one line.
- **Units.** Switches between metres and feet across the whole screen.
- **Sound.** Mutes or unmutes the connection, upload and alert tones.
- **Brightness.** Drag the slider; it's saved automatically.

06

Sleep and wake

After 20 seconds without use the screen dims and then sleeps to save battery. Tap it, or connect an altimeter, to wake it.