SwingcubeLite User Manual

1.SwingcubeLite Device Specifications

Structural Dimensions	
Dimensions	70*65*30mm
Weight	110g
Interfaces	
Dual-color LED (Green, Red)	
TYPEC connector	500mA max
1/4-inch Nut	
Waterproof Ratin	IP67
Maximum Operating Time	8 hours

2.Product Outline Diagram

3.Basic Functions

3.1.Power On/Off:

Press and hold the button for 1 second to power on or off the device.

3.2.Bluetooth Connection:

After powering on the device and connecting it to the app via Bluetooth, the green LED will remain on continuously, indicating that the radar is ready to be triggered.

3.3.Trigger Restriction:

After each trigger, the radar cannot be triggered again within 6 seconds.

3.4.Auto Power Off:

If the radar is not triggered for 15 consecutive minutes, the device will automatically power off.

4,LED Indicators

Power off	LED off
Charging While Powered Off	Green LED blinks slowly
Powered On but Bluetooth Not Connected	Green LED blinks quickly
Bluetooth Connected and Normal Operation	Green LED is continuously on
Fully Charged	Both green and red LEDs are continuously on
Low Battery	Red LED blinks slowly
OTA (Over-the-Air) Update	Red LED blinks quickly

5.APP User Guide

5.1. Powering On the Device

Press and hold the power button for more than 1 second. The device will start with the green LED lighting up. After a successful self-check, the green LED will begin flashing.

5.2. Connecting the Device to the Mobile App

On your mobile device, open the SwingCube app.Tap the icon located at the top-right corner of the app interface, as shown in the diagram below.

Once the device successfully connects to the app, the green LED on the device will remain continuously on, indicating a successful connection.
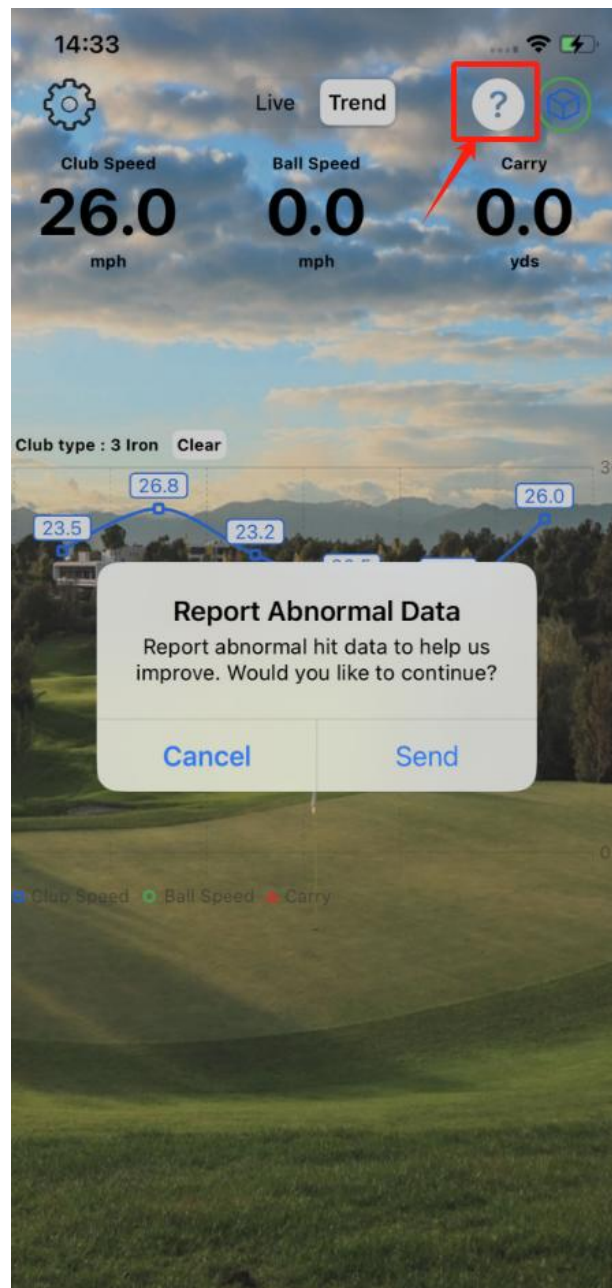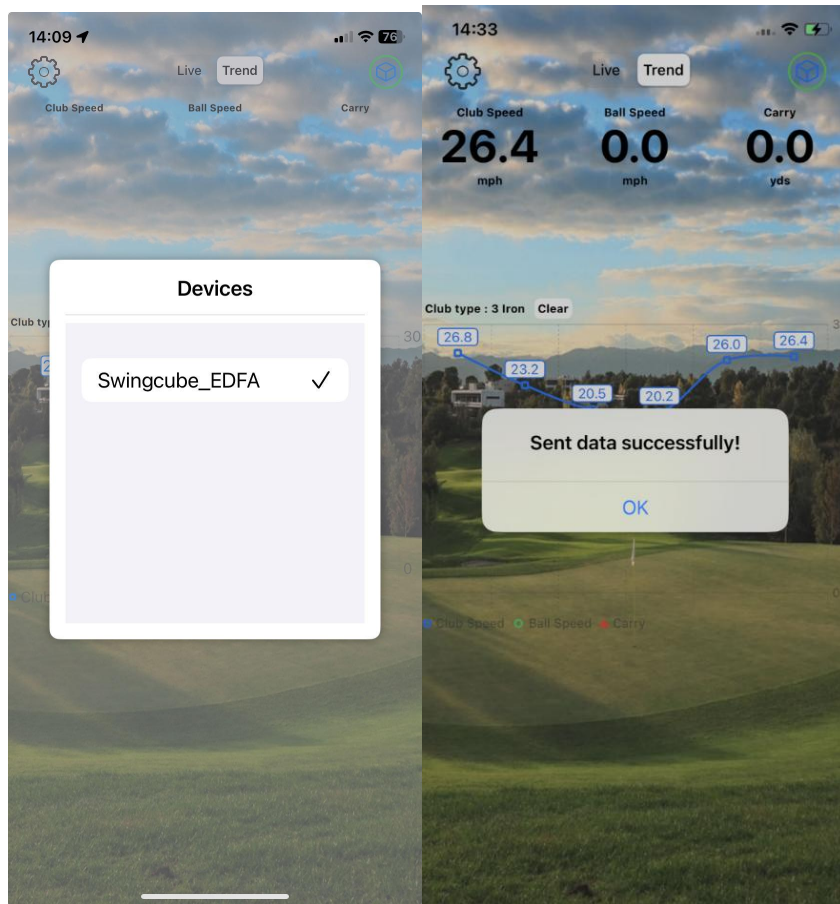
5.3. Data Collection

Switch to the "Live" window. When playing golf, this will trigger the recording and saving of videos.

Switch to the "Trend" window. When playing golf, you can view the triggered data in real-time.

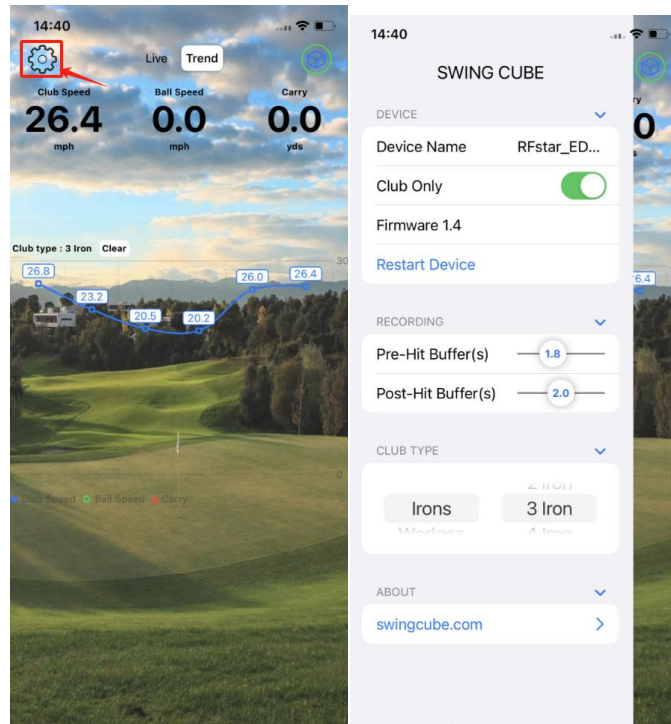**5.4. Uploading Data to the Server**

Tap the second icon located at the top-right corner of the app interface to upload the collected data to the backend server, as shown in the diagram below.
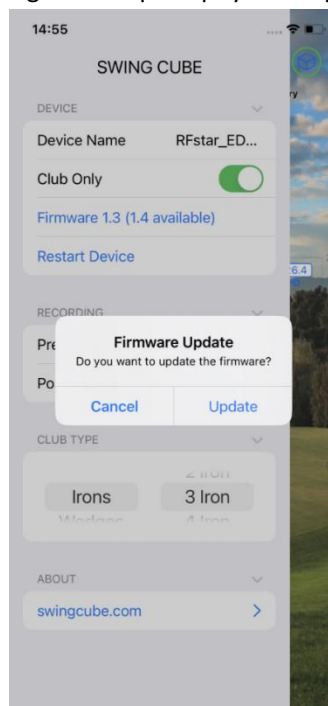
5.5 App Settings

   Tap the icon located at the top-left corner of the app interface to enter the settings menu list, as shown in the diagram below. You can change the device name to your preference. You can set various parameters.
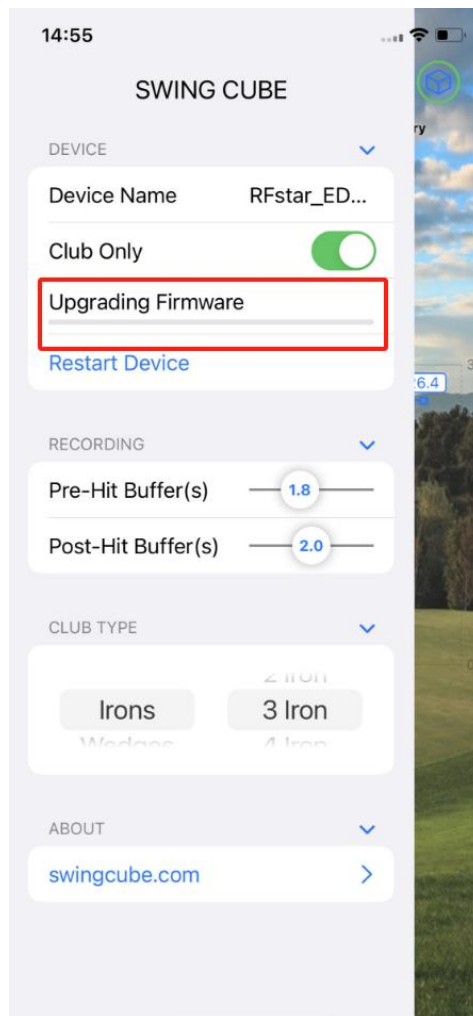
5.6.OTA Update:

If a new version is detected, the update will be displayed next to the current device version number (e.g., Firmware 1.4). Tapping this will prompt you to upgrade.

After selecting "Update," the upgrade process will begin. During the upgrade, the device's red indicator light will blink, as shown in the diagram below.

Reminder: During the OTA upgrade process, do not exit the app interface. Wait until the firmware upgrade is complete before performing any other operations.

6. Charging
When the device battery is low, the indicator light will flash red.
Insert the Type-C charging cable. During charging, the green light will blink, and the icon at the top-right corner of the app will display the charging status. Once fully charged, the green light will remain on continuously.

7. Powering Off
Press and hold the button for more than 1 second to power off the device. The indicator light will turn off.

After powering on or connecting to the mobile app, if no data is triggered for 15 minutes, the device will automatically power off to conserve battery.

FCC Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received,including interference that may cause undesired operation.

Caution: Changes or modifications not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help important announcement .

Radiation Exposure Statement

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.