

Wire-free Camera CA20

User Manual

September 2018



www.brilong.com

Based on app version: 3.1.10 (9.1)

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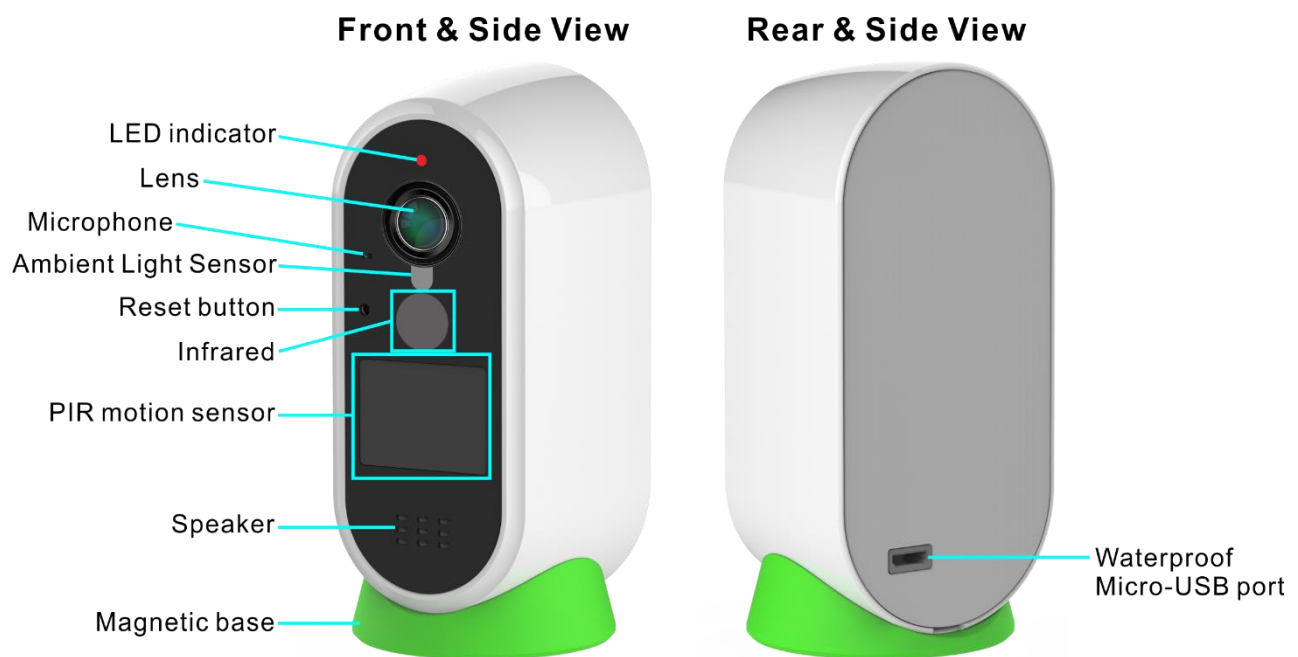
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Operating Environment

- Operating temperature range: -20 to 60 °C (-4 to 140 °F)
- iOS: 8.0 or above
- Android: 4.4 or above

Camera overview

See the following images for the locations of main controls and components on the camera.



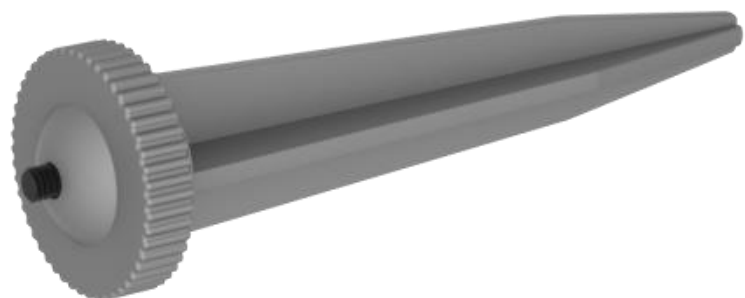
Accessories

The following two accessories are available for installing with the camera.

Wall mount:



Garden stake:

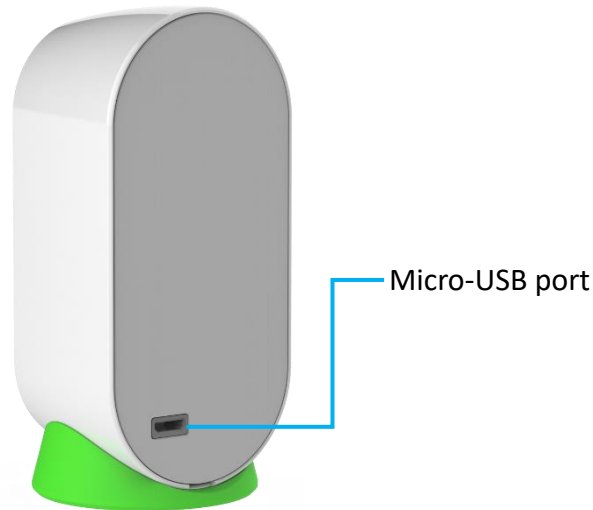


Installing the camera

Follow the steps below to install the camera before use.

Step 1/6: Connect the camera to the accompanying USB charger.

Connect the camera to the accompanying USB charger via the accompanying Micro-USB cable to make sure the camera has enough power during installation and setup.



Step 2/6: Turn on the camera.

1. Straighten an end of a paper clip.
2. Use the tip of a paper clip to hold down the reset button (for about 3 seconds) until the LED indicator lights up in blue and starts flashing.



Note: If you want to shut down the camera at any time, use the tip of a paper clip to hold down the reset button until the LED indicator goes off.

Step 3/6: Install, log in the Brilong Home app & create a room.

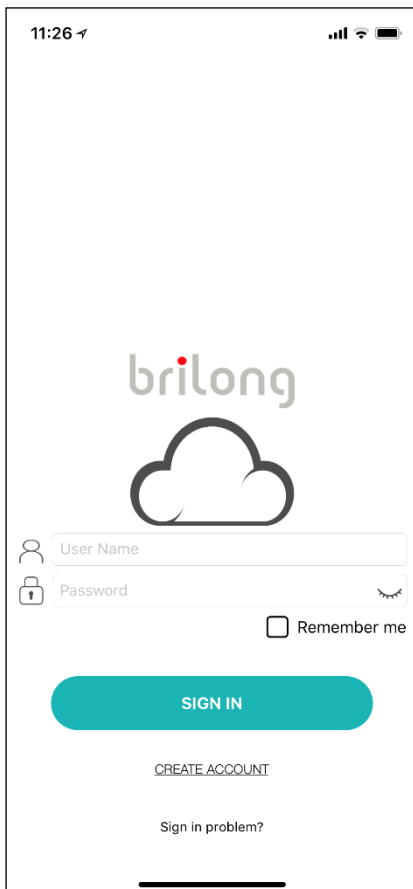
1. Go to the App Store or Google Play to download and install the Brilong Home app.

2. Tap  to open the app.

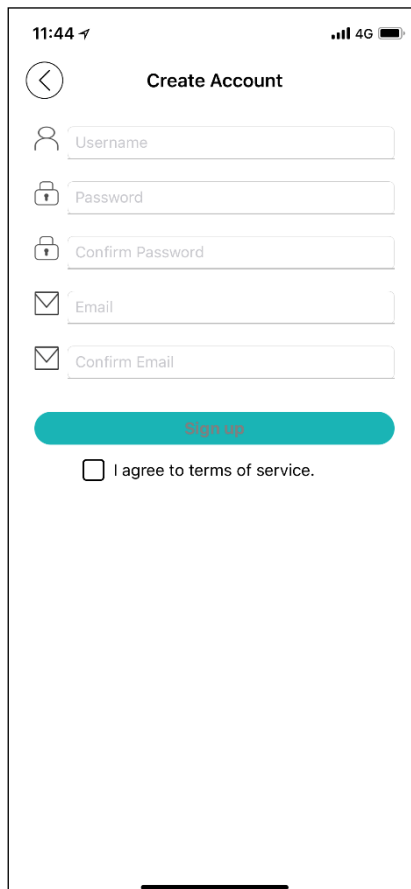
3. Tap "SIGN IN" to log in the Brilong Home app with your Brilong account.

Note: If you do not have a Brilong account, follow the steps (1 and 2) below to register a new account before login.

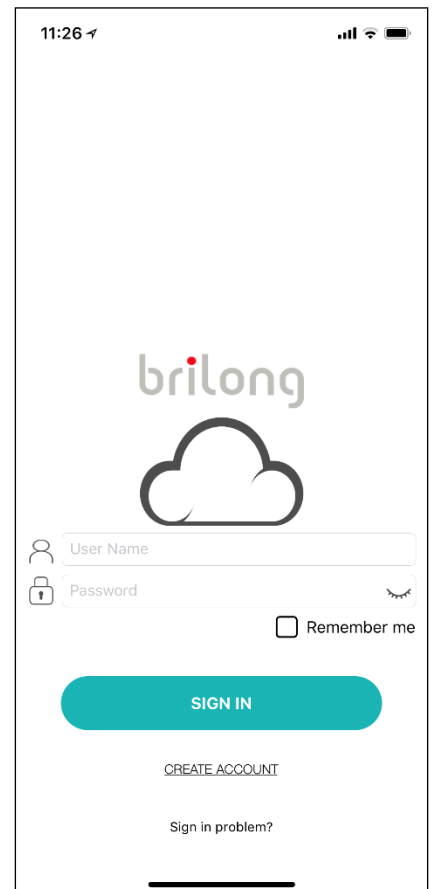
1

The screenshot shows the login screen of the Brilong Home app. At the top, the time is 11:26. The Brilong logo, featuring the word "brilong" in grey and a cloud icon below it, is centered. Below the logo are two input fields: "User Name" and "Password". To the right of the "Password" field is a "Remember me" checkbox. A large teal "SIGN IN" button is positioned below the input fields. At the bottom, there is a link for "CREATE ACCOUNT" and a link for "Sign in problem?".

2

The screenshot shows the "Create Account" screen. At the top, the time is 11:44. The title "Create Account" is centered. Below the title are five input fields: "Username", "Password", "Confirm Password", "Email", and "Confirm Email". Each field has an icon to its left: a person for Username, a lock for Password and Confirm Password, and an envelope for Email and Confirm Email. A teal "Sign up" button is located below the input fields. Below the button is a checkbox labeled "I agree to terms of service."

3

The screenshot shows the login screen of the Brilong Home app, identical to the one in step 1. It features the Brilong logo, "User Name" and "Password" input fields, a "Remember me" checkbox, a teal "SIGN IN" button, and links for "CREATE ACCOUNT" and "Sign in problem?".

Enter your preferred username, password, and email address.

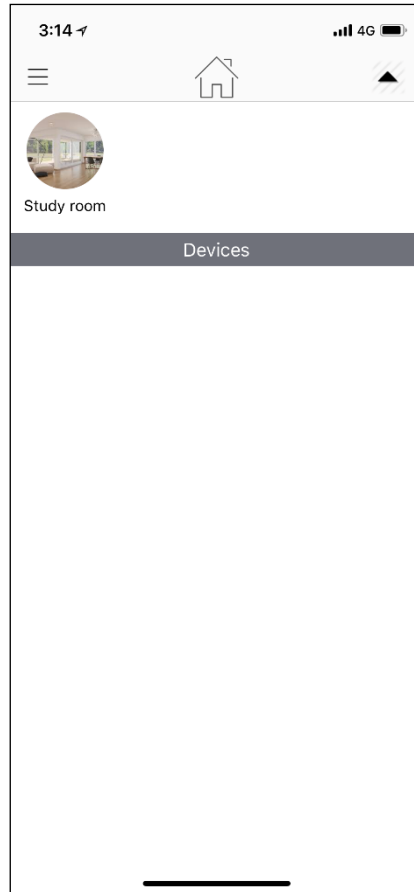
Then tick to accept the terms of service and tap "Sign up".

Enter your username and password to log in the app.



4

Enter the room name (and descriptions; you can also take a custom room thumbnail) and then tap “Done”.

5

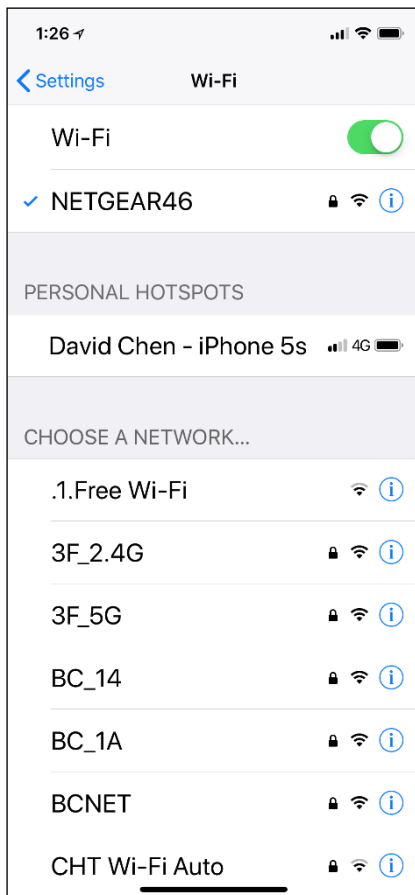


The room you added displays on the home page.

- If you want to add more rooms, tap  > Add/Edit Room.
- To add a device, tap  > Add Device.

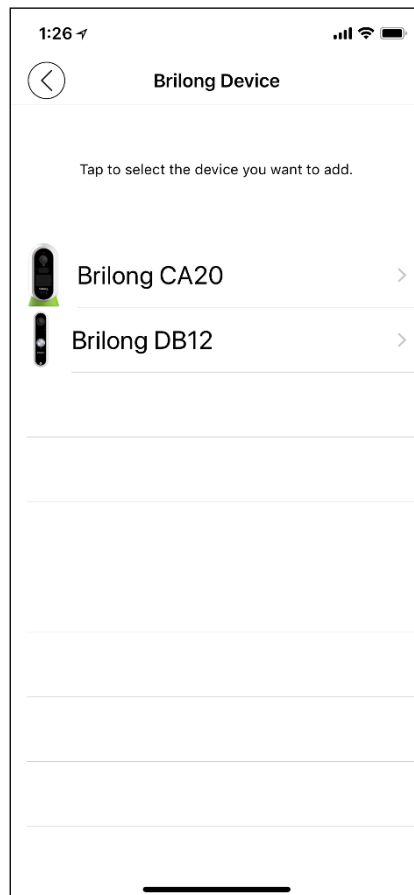
Step 4/6: Connect your mobile device to the camera.


1



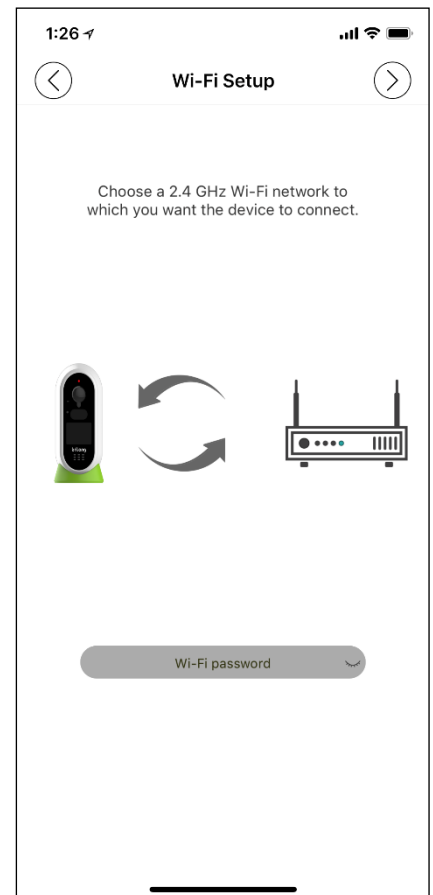
Make sure your mobile device is connected to a 2.4 GHz Wi-Fi network. (This Wi-Fi network is also to be used for connecting to the camera later.)


2



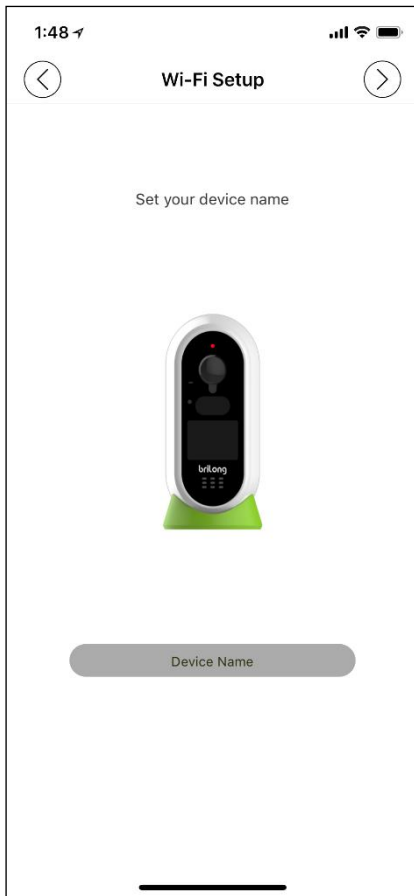
Tap  > “Add Device” > “Brilong CA20”.

3



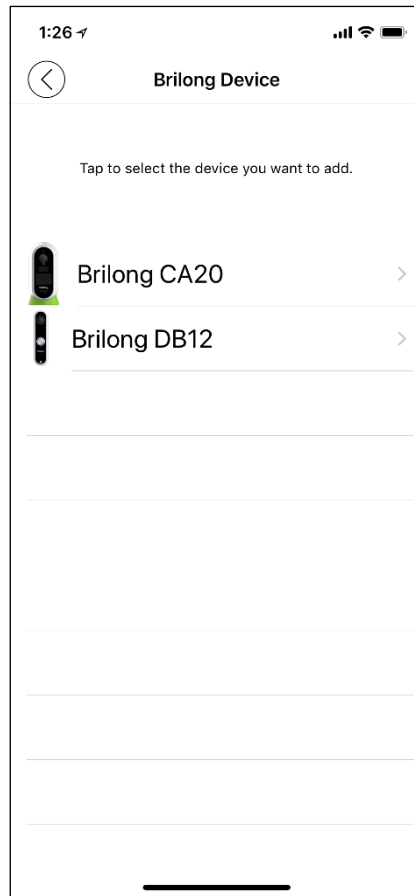
Enter the password of the 2.4 GHz Wi-Fi network (you selected on Step 1) to which your mobile device is connected. Then tap .


4



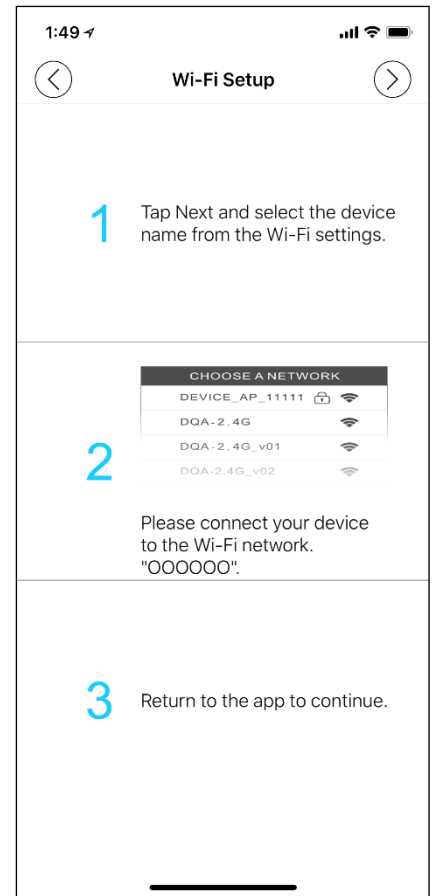
Enter the device name.

5



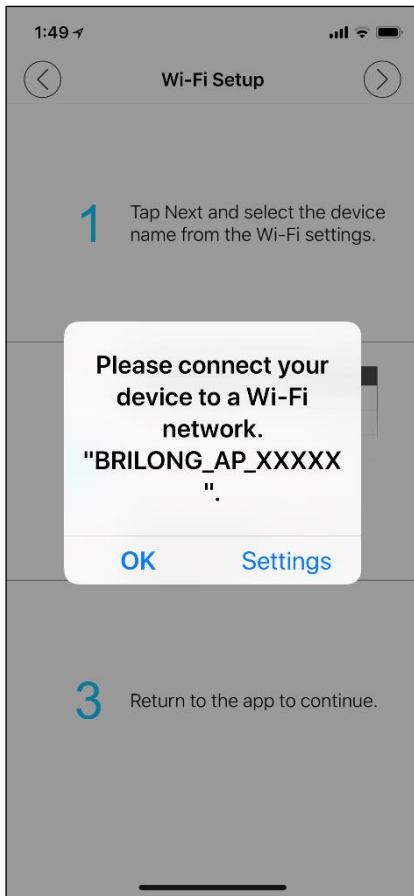
Tap  > "Add Device" > "Brilong CA20".

6



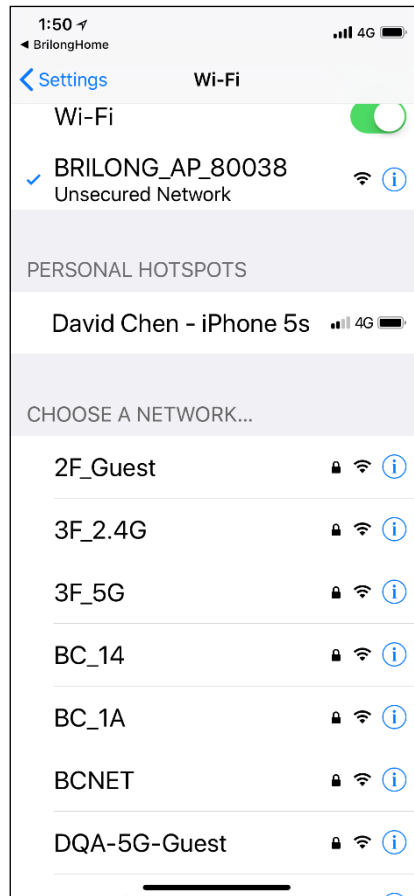
Tap .

7



Tap "Settings".

8

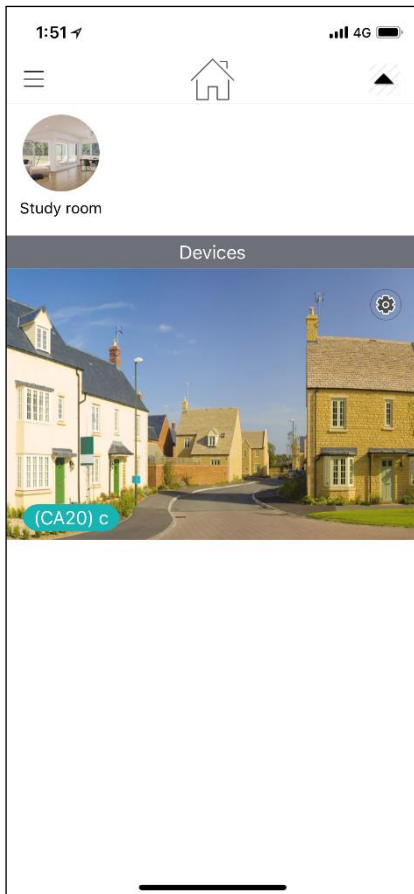


Tap the Brilong device (e.g., "BRILONG_ap_80038") on the Settings page of your mobile device. Then, return to the Brilong Home app.

9



Wait for the connection to complete.



Once the connection is complete, you can see the Brilong Home app homepage.

Step 5/6: Fully charge the camera.

For wireless use of the camera, use a USB charger via a micro-USB cable to fully charge the camera. (You can always check the battery level later anytime on the app.)

Note: If you need a continuous and uninterrupted power supply, keep connecting the camera to a USB charger.

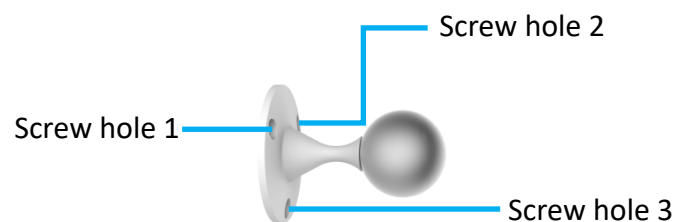
Step 6/6: Install the camera to the place you want to monitor.

- Place the camera directly on an ordinary horizontal surface and point the camera to the place you want to monitor.
- You can also place the camera on a metal surface at any angle by using the camera's magnetic base.



If you want to use the wall mount

- Fasten the wall mount on a wall (or the ceiling) by using the accompanying three screws (locations of three screw holes are shown below).

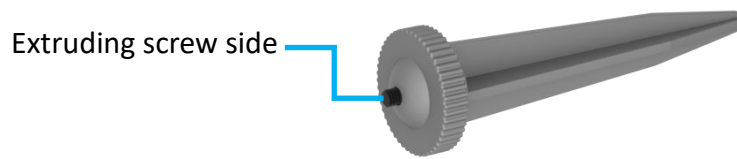


- Stick the camera to the metal sphere of the wall mount at your preferred angle.

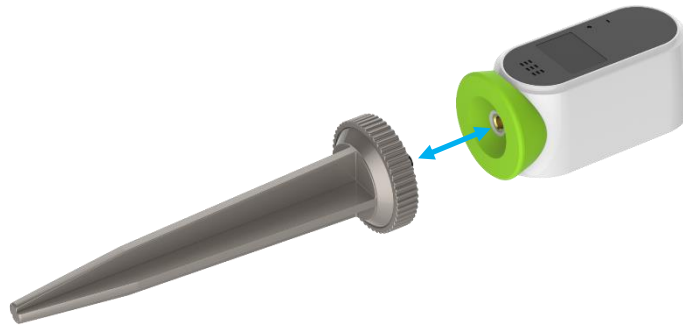


If you want to use the garden stake

- Center the extruding screw side of the garden stake to the bottom of the camera.



- Fasten the garden stake to the camera.

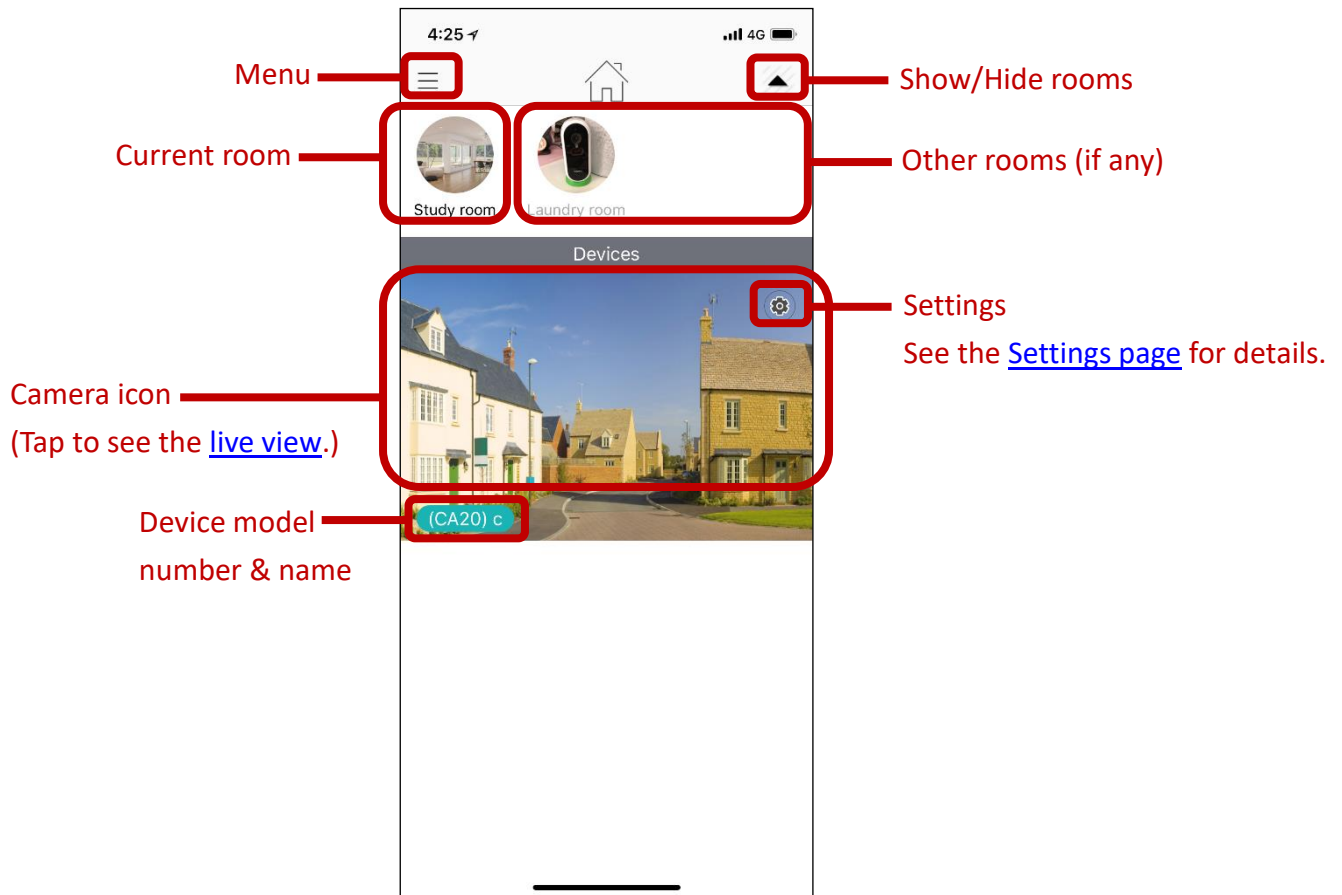


- Insert the garden stake into the ground (e.g. in your backyard) until it can firmly stand up by itself.



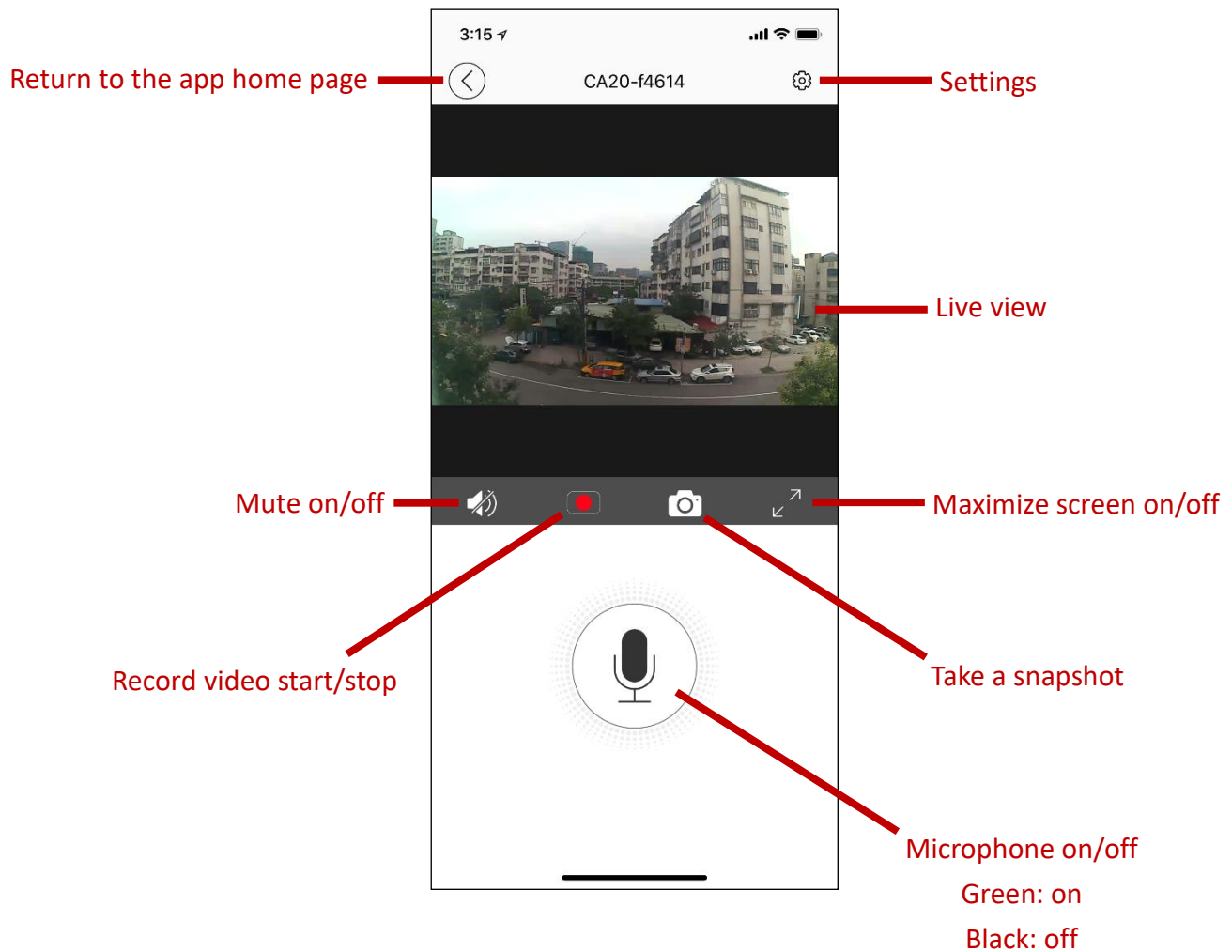
Using the Brilong Home app

Once you have completed installing the camera, open the Brilong Home app. Next, select the room where the camera is installed, and then tap the camera icon to watch the live view and use other functions as needed. (If there are other devices installed in this room, they will also appear on this page.)



Live view

The live view supports both horizontal and vertical views. Available controls are shown below:



Note: In the horizontal view, tap anywhere on the screen to view the above controls.

Menu page

Set up your camera settings and check camera info here. For example, to check the battery status, tap “Settings” > “Battery Life”.

- Manage account: View and edit your account information.
- History: View recorded event videos.

Sort by trigger type

Device name

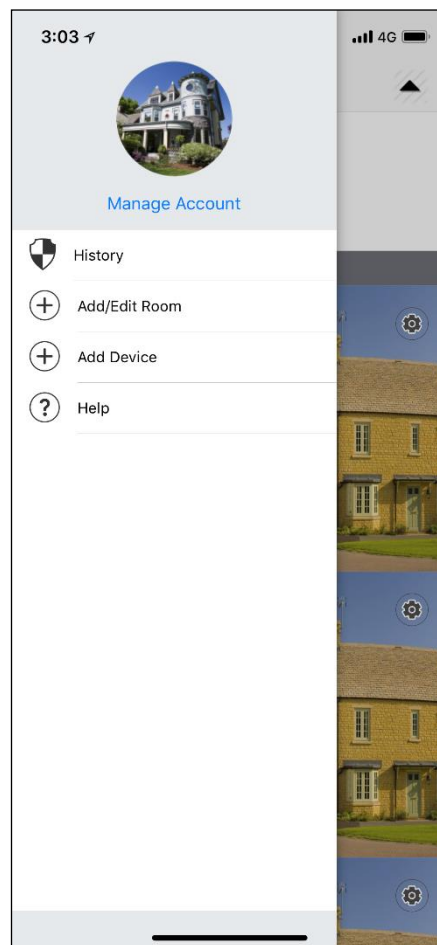
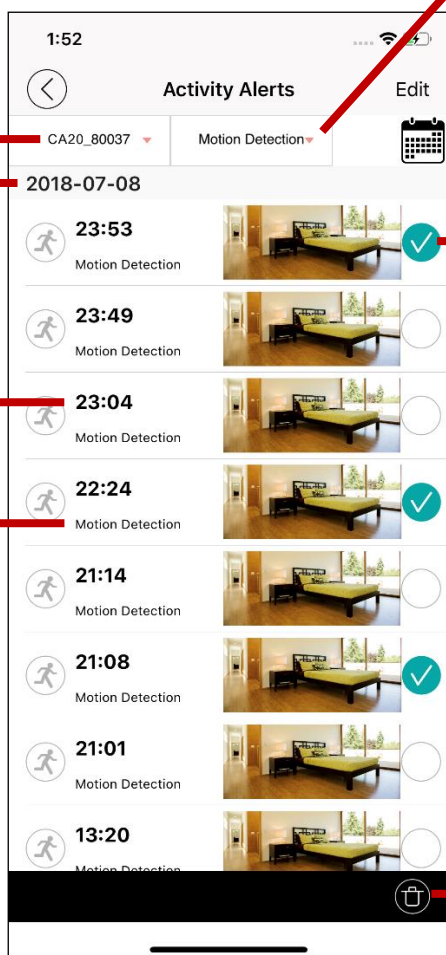
Event date

Event time

Trigger type

Tap to select

Delete selected videos



- Add/Edit Room: Create a room or edit room information.
- Add Device (set up a new device): Add a device to the current room you have selected.
- Help: Connect to the Brilong website for more information and assistance.

Settings page

Set up your camera settings and check camera info here. For example, to check the battery status, tap “Settings” > “Battery Life”.



Device Information

View or edit device name and password. You can also check and upgrade firmware version.

Notifications

Turn on/off the notifications sent by the Brilong Home app.

Wi-Fi Reset

Reset the Wi-Fi connection. You will need to re-establish the Wi-Fi connection with the camera.

Battery Life

Display the current battery level. If the battery level is low, please charge the battery ASAP.

Awake Duration

Determine the time required for the video to start recording once motion is detected.

IR Setup

Turn on the IR if you want to use the camera night vision function.

PIR Setup

Determine the sensitivity of PIR motion detection.

Flip Setup

Depending on the tilt angle of the camera, you can adjust the video orientation as needed.

Time Zone

Set up the time zone where the camera is located.

Power Line Frequency

Set the correct power line frequency based on the camera's geographic region to avoid possible image flickering.

Important Safety Notices and Warnings

To use this camera safely, please carefully read and follow the guidelines as shown below:

1. Keep the camera and all its components out of the reach of children and pets.
2. Comply with the building and installation codes to install and use the camera.
3. Always operate the camera within the operating temperature range.
4. Use only the supplied or an approved Micro-USB cable and power adapter to charge the camera.
5. Do not soak the camera into water (including swimming and diving).
6. Do not place or install the camera on a location subject to frequent vibration or impact. Injury or damage could result if the camera falls.
7. Do not disassemble the camera. Failure to do so may result in electric shock, burns, injury, or damage to the camera.
8. Do not place anything on the camera or cover it with a piece of cloth (or something similar) to allow free air circulation and avoid possible malfunction or overheating.
9. Do not insert your finger or a metal object into the Micro-USB slot to avoid possible damage to the camera.
10. Avoid touching the camera sensor and lens. If necessary, use a blower or a clean, soft, lint-free cloth moisturized with a neutral detergent to wipe off dust or debris.
11. The camera comes with a built-in rechargeable battery. Should any damage or suspected damage occur, contact your service provider immediately for assistance and safety.

Note: Failure to comply with the above guidelines may void the product warranty.

FCC Statement

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.

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.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC exposure compliance requirement, please follow operation instruction as documented in this manual.

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) 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.

Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

