NEXXT
S O L U T I O N S
HOME

HD **FULL**
1080p

VIDEO DOOR BELL

NHC-D100

Contents

# Smart Wi-Fi video doorbell with chime | NHC-D100

1. Introduction

Thank you for purchasing the **Smart video doorbell with chime** from Nexxt Solutions. The combination of a high-definition camera, infrared technology with two-way audio and alarm offers a versatile wireless monitoring solution that works in any home with or without an existing doorbell installation. Video can be stored directly to a SD memory card, providing users with both viewing and recording capabilities. Its compact and attractive enclosure with an IP65 rating is designed to withstand tampering and the exposure to the elements in harsh outdoor environments. Please read this guide thoroughly to ensure proper installation and operation of this innovative and feature-rich smart video doorbell with *Bluetooth*® chime.
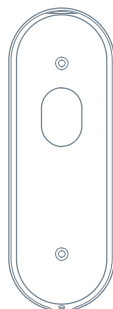
What is in the box

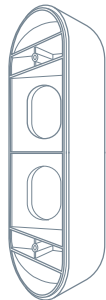**Open the box and make sure all items listed below are included:**
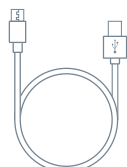
Smart doorbell
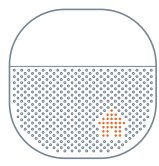
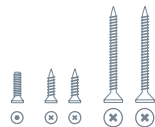Pluggable chime

Tamper-proof plate

Doorbell angled bracket

USB cable

Plastic anchor 2 pcs

Screw 5 pcs

Security screw wrench

3M self-adhesive with template

Plastic electrical wire nut 2 pcs

Electrical installation wire 2 pcs

User guide

3. Product overview

Doorbell

Microphone

Camera lens

Night vision IR

Passive Infrared (PIR) sensors

Doorbell button with LED indicator light

MicroSD card slot

On/Off button

Reset button

Terminal screws for wired installation

Micro-USB port

Front view

Side view

Rear view

Chime

Plug

LED melody indicator

BT pairing and volume button

Ringtone selector

Speaker

Front view

Side view

Rear view

4. Preliminary steps

4.1 Installation of the mounting bracket to a wall or door frame

Method 1: 3M self-adhesive mount

1. Carefully remove the existing doorbell before proceeding, if any.
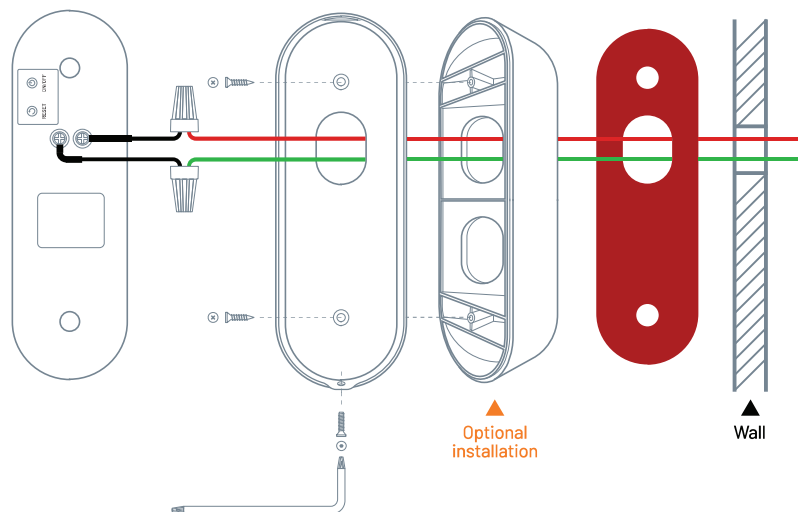
2. Determine the location of the doorbell, preferably one that offers the best viewing angle and Wi-Fi reception.

3. If you need to aim the doorbell to the left or right of the wall where it is mounted, you will have to also install the angled bracket that comes with the doorbell.

4. To do so, attach the angled bracket to the tamper-proof plate using the supplied screws.

5. Next, remove the adhesive film protecting the double-faced sticker. Carefully press it against the mounting plate or angled bracket.

6. Finished by fixing the plate or bracket to a smooth surface or to the wall.

Optional installation

Wall

Method 2: Screw mount

1. Carefully remove the existing doorbell before proceeding, if any.

2. Determine the location of the doorbell, preferably one that offers the best viewing angle and Wi-Fi reception.

3. If you need to aim the doorbell to the left or right of the wall where it is mounted, you will have to also install the angled bracket that comes with the doorbell.

4. To do so, attach the angled bracket to the tamper-proof plate using the supplied screws.

5. Proceed to mark the two mounting holes with a pencil and drill the pilot holes. Then insert the anchors until flush with the surface.

7. Drive the screws into the anchors you already installed and tighten them to secure the mounting plate or angled bracket in place, making sure that it is also flat against the wall.

Optional installation

Wall
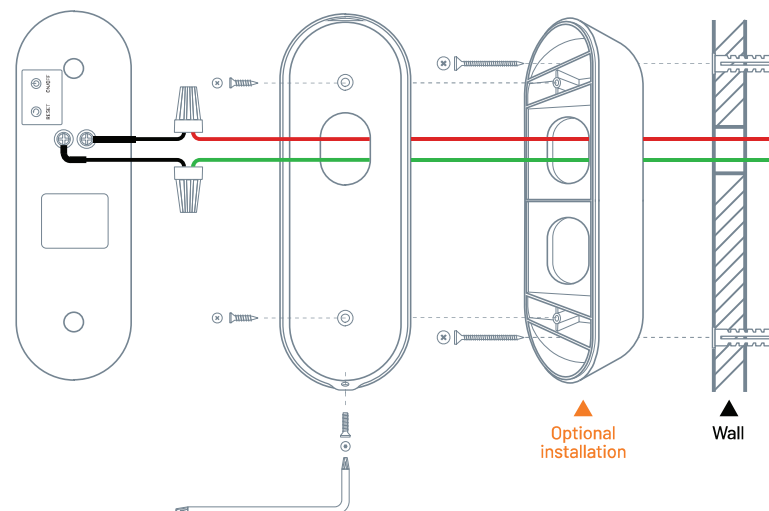
4.2 Powering your doorbell

Important:
The doorbell allows two different power configurations:
1. It can run independently on DC power from its built-in rechargeable battery.
2. It can be hardwired to an existing low-voltage doorbell connection in your home, operating between 12 to 24 volts.

Option 1.
Wire-free, battery operated (recommended)
Use this option if you are using the battery to power the doorbell, for flexible and easy deployment.

1. Before using the doorbell for the first time, it is recommended to fully charge the battery.

2. Gently lift the rubber cover protecting the compartment on the side of the doorbell. Insert the USB cable to the micro-USB port of the doorbell and the other end, to a compatible 5V USB outlet.

3. In order to view the charging status of the doorbell, you must open the application first. The LED on the doorbell initially blinks blue for 10 seconds when connected to a power source. After that, it will turn off completely. For continued monitoring of the charging status of the battery, you must keep the doorbell on and the application open on your mobile device. A solid blue LED on the device is an indication that the battery is fully charged. A flashing LED means that the battery is still being charged. The battery percentage can be viewed through the application by accessing the Power management interface.

For details, go to **Installing the Nexxt Home App** on page 11 of this guide.

4. When the battery doorbell is removed from the tamper-proof plate, the tampering alarm will be triggered. To silence this alarm, the doorbell must be turned off by pressing the on/off button for 3 seconds and then turned it on again to initiate charging. These same steps should be followed every time you need to recharge the doorbell battery.

5. Remove the USB cable and then press down the rubber cover protecting the DC input and SD card slot.

6. Turn on the doorbell by holding the power button for 3 seconds, located on the back of the unit.

7. Slide the doorbell into the tamper-proof plate and finish by installing the security screw at the base with the supplied tool.

8. Battery life dwindles over time due to usage and other external factors, like the environment or user preferences.

9. The duration of each charge also depends for instance on the activity, number of triggering events, lighting conditions, power and video settings.

10. The performance of this long-lasting battery can be extended if you select the settings that demand the lowest amount of energy to operate the doorbell.

Option 2.
Hardwired to a conventional AC connection
This doorbell supports an AC connection of 12V to 24V. Test your wiring to make sure your current installation does not exceed the maximum rating specified.

Electrical shock hazard
Turn the power off at the breaker
Disconnect power to installation area at your circuit breaker or fuse box before beginning installation. Always use caution when handling electrical wiring.

Installation by a qualified electrician may be required in your area. Refer to your local laws and building codes before performing electrical work; permits plus professional installation may be required by law. If you're not sure which breaker controls your doorbell chime, turn off the master breaker for your home or contact an electrician.

1. Verify that the power to your current doorbell has been shut off and that no voltage is present.

2. If you haven´t done so, uninstall any existing chime or doorbell.

3. Loosen the screws of the terminals. Then, insert the end with the ring in each terminal on the back of the doorbell. Re-tighten the screws to secure the connection.
Note: since doorbell buttons are not polarity specific, either wire can connect to either terminal.

4. Match the wires coming out of the wall with the terminals on the back of the unit.

5. Tie the ends of each pair with a wire nut, twist each nut until the connection is secured, and no wire is exposed.

6. Feed the wires back into the wall.

7. Turn power on at the breaker to finish the process.

8. Turn on the doorbell by holding the power button for 3 seconds, which is located on the back of the unit.

9. Slide the doorbell into position and guide the cables through the rear opening of the tamper-proof plate.

10. Finish by installing the security screw at the base of the bracket with the supplied tool.

4.3 How to insert the microSD™ card

The Wi-Fi doorbell comes with a built-in card slot located on the side of the unit, which supports a microSD™ card of up to 128GB.

Once you insert the storage card, the camera will automatically start recording and storing videos on that memory. This type of card will normally store about one month of continuous video footage.

Step 1: Prior to inserting the doorbell in the plate as described in the sections above, gently lift the rubber cover protecting the compartment on the side of the unit.

Step 2: Insert the microSD™ card. Make sure it is placed in the correct direction inside the slot.

Step 3: Put the cover back by pushing it down with your thumb until it tightly closes the compartment.

Note: failure to complete step 3 can lead to water damage on the device.

4.4 Pairing your doorbell to the chime

The chime alerts you when the doorbell button is pressed. Both devices must be first linked through their *Bluetooth*® connection.
Make sure the doorbell is turned on, and that the chime is plugged into a power outlet.

4.4.1 Ringtone selection
You can customize the chime melody and volume or turn it off completely if you don't want to be disturbed.

1. Briefly press the ringtone selector to circle through all the available chimes for the doorbell. There are 55 different ringtones available.

2. When you have selected the desired melody, wait until the melody stops playing. Press the **BT pairing/Volume button** for 5 seconds until the **orange melody LED indicator** blinks once.

3. Within 5 seconds, you must press the doorbell button to set up the selected tone.

4. The doorbell and the chime are now linked with the selected tone enabled.

5. Repeat the same instructions at any time when you want to choose a different chime melody.

Note: the doorbell has only one tone, and it remains the same whereas the chime can always be changed.

4.4.2 Volume adjustment
Briefly press the **BT pairing /Volume** button to adjust the volume of the chime. You can toggle through the 4 different settings available, from low, medium, high and maximum levels.

Installing the Nexxt Home App
Download Nexxt Home app on Google Play or Apple App Store.
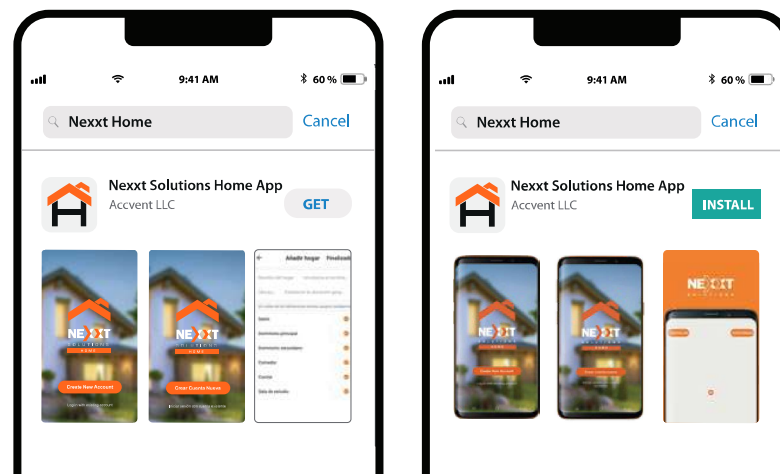
Step 1

Register by email

United States of America ›

Email

Get authentication code

Register by email. Fill in the required fields.

Step 2

Enter verification code

Verification code has been sent to your

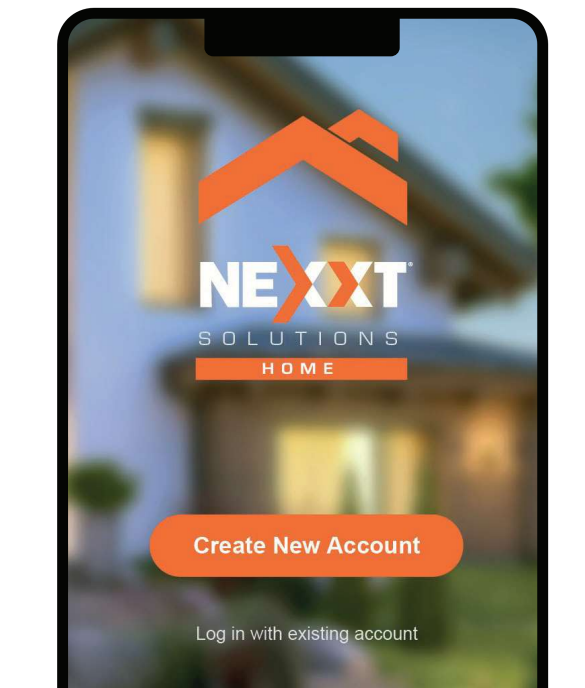Enter the verification code you received.

Step 3
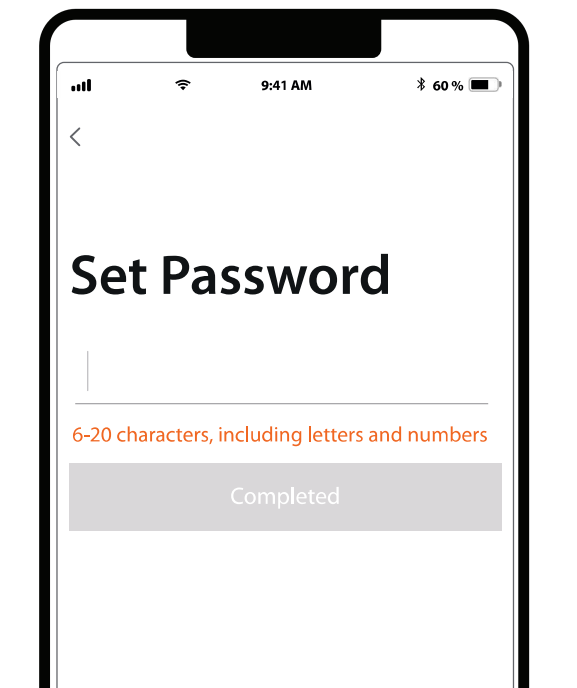
Create a new password and then select **Completed.**

Step 4

The Nexxt Home App has been successfully installed.

Initial setup and manual reset

• Make sure the device is powered on. If you haven't done so, turn on the doorbell by holding the
  power button for 3 seconds, located on the back of the unit.
• If the red LED indicator does not start blinking or if no audible notification is heard, press the reset
  button of the doorbell for 2 seconds or until you hear a tone indicating that a reset has occurred.
• Once the button is released, the red LED on the front will start blinking.
• Follow the app's instructions to complete the network configuration process.
• The LED changes to solid blue when the device is successfully connected to your Wi-Fi network.

Add device ⊕

Step 1
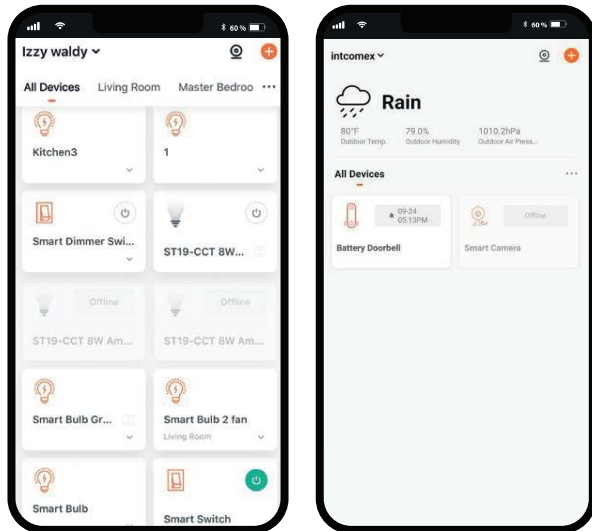
Select the + icon to add the device, followed by the smart doorbell.

Step 2
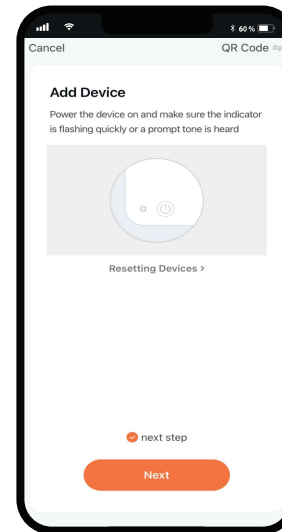
When the LED starts blinking, tap on
next step followed by the **Next** button
to continue.

Step 3
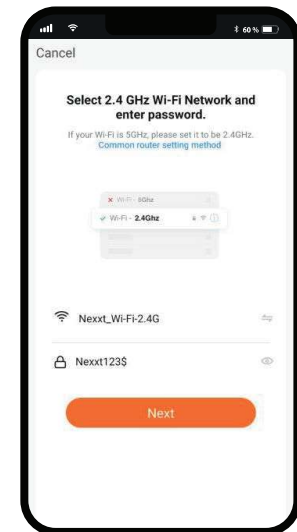
You must connect to a **2.4GHz Wi-Fi
network.** Enter your network password.
Make sure the correct code is entered,
otherwise the device will not be able
to connect.

Step 4
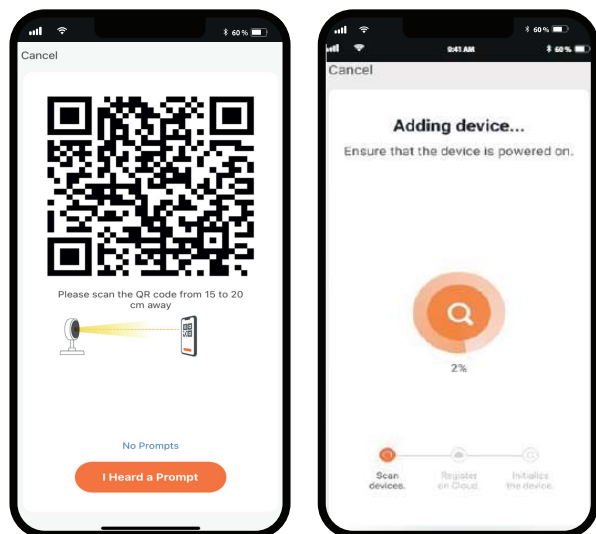
Scan the QR code from your mobile device with the smart doorbell. Once you hear the tone, click on the **I Heard a Prompt** button.

If you experience any issues, reset the doorbell. If a **Registered Account** added the doorbell through the app, then another user will be prevented from setting up that doorbell in a different account, unless permission is granted through the **Share access** option.
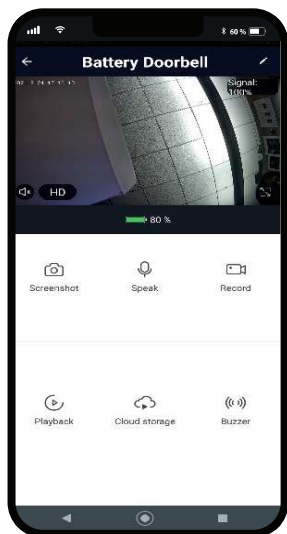
Step 5
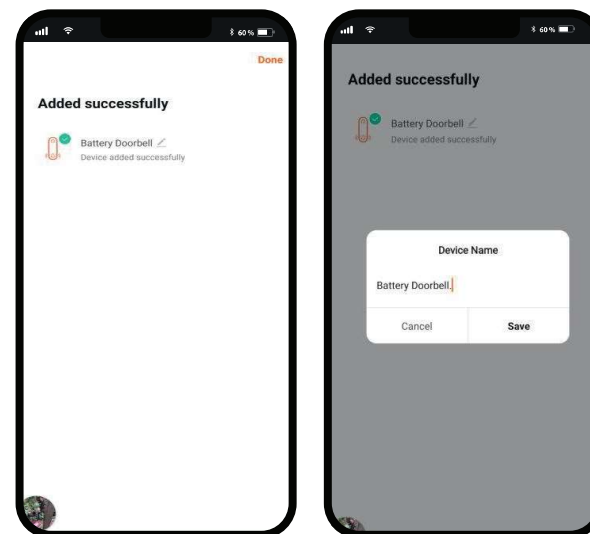
When the pairing process is completed, the notification **Device added successfully** will be displayed on the screen.

Click on the pencil icon to rename the doorbell, if you prefer to change the default identifier.

Select **Save** to store your settings, followed by **Done** to finish.

Doorbell main interface

Settings: tap on the pencil icon to access the configuration menus

Signal: shows the Wi-Fi signal strength.

Full screen: toggles between half and full screen modes.

/SD: switches between High Definition and the Standard Definition video resolution.

Mute: disables the microphone on the doorbell.

Battery: when operated with DC power, the screen provides a visual indication of the battery charge in real time.

Hardwired: when operated with AC power, the screen provides a visual indication of a 100% charge. If utility power goes off or the voltage is too low, then the doorbell will automatically switch to DC input.

Screenshot: takes a snapshot of what the camera is viewing in real time.

Speak: allows two-way communications through the microphone.

Record: allows the recording of live video on your mobile device. The user must start and end the recording manually.

Playback: if a microSD™ is installed, you can use the playback function to watch the 10-second footage of a motion detection event. Still images and video can be also saved directly in your mobile device for future use by tapping on the camera or recorder icons available in that interface.

Cloud storage: users can upload digital data to the cloud through a subscription service.

Buzzer: tap this button to generate a sound that will send unwanted visitors away.

Photo album: provides access to images and videos captured by the camera.

Answer your doorbell from your smartphone

When a visitor rings the video doorbell, your mobile device receives a voice over IP (VoIP) call through an internet connection. The Nexxt Home app will be activated, allowing you to:
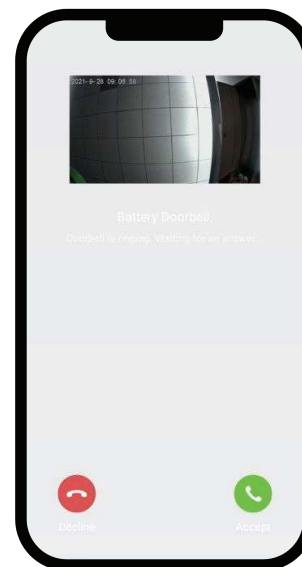
Accept the incoming call and speak to your visitor:

- To talk to the visitor, speak into your phone as you normally do.
  The camera will capture real-time images of the people standing outside your front door.
- Should the Nexxt Home app be closed or running in the background, you will receive a push notification, ringing up to 7 times for about 10 seconds.

Decline the call:
- If a visitor presses the doorbell, the smartphone will ring 20 times for about 25 seconds, only if the app is open.
- However, if the app is closed or running in the background, the smartphone will ring 7 times for about 10 seconds.
- If you don't answer within that time, a log is created in your **Profile** with the string of events and the time each one took place.

How to answer a doorbell call

In the table below you will find the different scenarios and how to pick up a call based on the platform you are using.

| Operating status	iOS	Android
Nexxt Home app open (while the doorbell is video streaming)	Click the answer button (green) once to pick up the doorbell call	Click the answer button (green) once to pick up the doorbell call
Nexxt Home app open	Click the answer button (green) once to pick up the doorbell call	Click the answer button (green) once to pick up the doorbell call
Nexxt Home app in background	Click the Nexxt Home app push notification once, and then press the answer button (green) to pick up the doorbell call	Click the answer button (green) once to pick up the doorbell call
Nexxt Home app closed	Click the Nexxt Home app push notification once to open the video streaming, and then press the mic button to answer the doorbell call	Click the Nexxt Home app push notification once to open the video streaming, and then press the mic button to answer the doorbell call
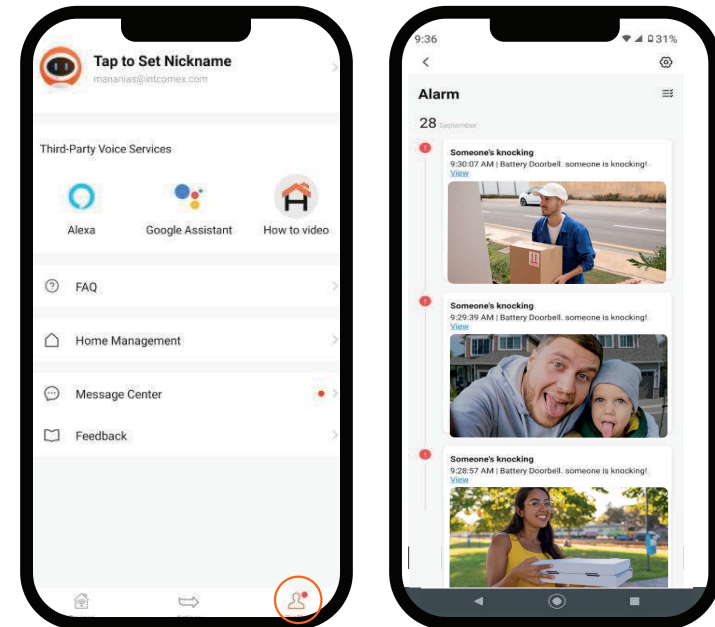
Event log
Tap on the **Profile icon**, followed by **Message center.** This will open the interface to view all the activity and images captured by the doorbell.

Configuration menus

Click on the pencil icon located on the top right corner of the screen to access the configuration menus and their corresponding parameters.
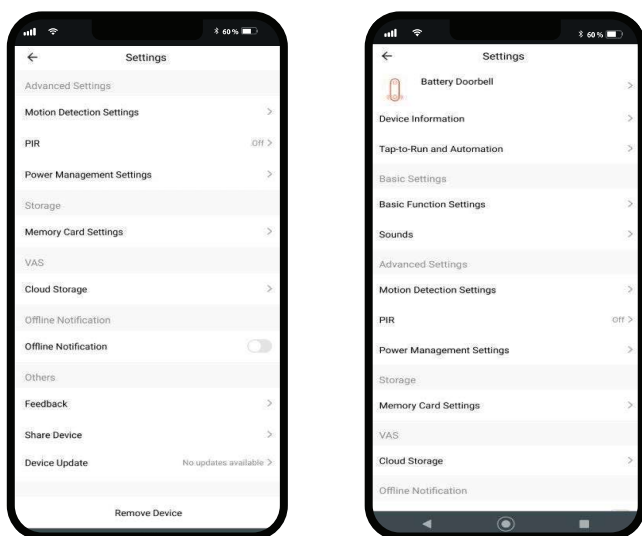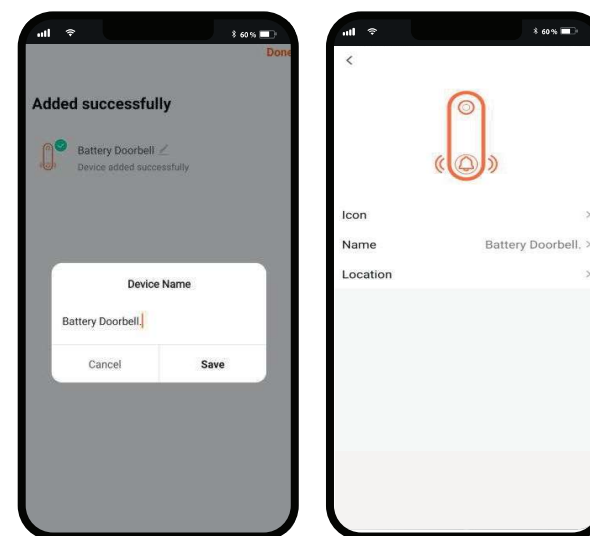

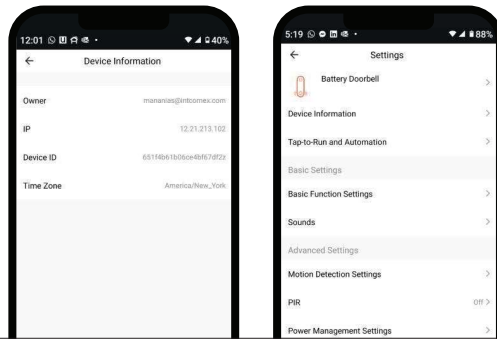The main functionalities of each option are described below.

Battery doorbell

Changes the icon and the default name of the device.

Device location: tap on this option to assign the area where the doorbell is installed.
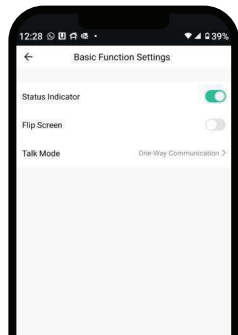
Device information:

this option displays a submenu containing the information related to the doorbell.

Tap-To-Run and Automation: this option links the Wi-Fi doorbell with other smart products to automatically control them through a customized command.

Basic settings
Basic function settings

This submenu contains the following options.
Status indicator: enables and disables the LED on the doorbell button.
Flip screen: flips the image 180 degrees when the doorbell is mounted upside down.
Talk method: the user can select between One-way or Two-way communication.
Sound: this sliding bar adjusts the volume level of the doorbell, on a scale from 1 to 10.

Advanced settings:
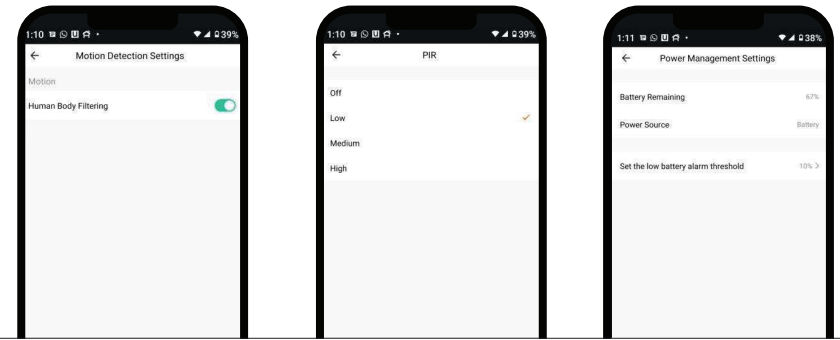
Motion detection settings: use this option to enable the **Human body filtering** feature. It is designed to prevent false alarms by identifying more accurately when there is a person approaching the door.

PIR: enables or disables the thermal-based Passive Infrared sensors. When activated, three sensitivity levels become available: **low, medium and high.** This setting will determine at what point notifications will be triggered when activity is detected in the monitored area.

Power management settings: this menu displays the remaining charge of the battery, the power source being use, and the threshold for warning the user when the charge is running below the specified levels to be able to continue powering the device properly.
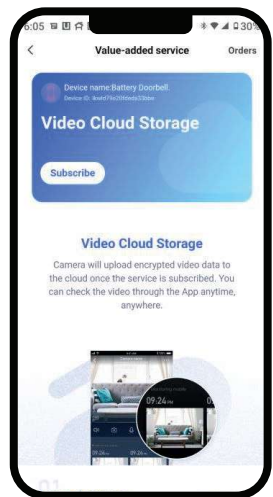
Storage

Memory card settings:

Total capacity: shows the capacity of the microSD™ card.

Used: shows how much memory has been used.

Remaining capacity: shows how much space is left on the microSD™ card.
Format: this will format the microSD™ card to be used on the doorbell.

Value-added services (VAS

Cloud storage: access photos and videos at any time and from anywhere with an optional subscription plan.

Offline notification

Offline notification: after 30 minutes of inactivity, the device will trigger a notification. You can enable or disable this feature.

Others

Feedback: let us know if you have any issues setting up the product.

Share device: allows sharing the Wi-Fi doorbell with family and friends.

Device update: we will sometimes add new features or provide updates with a new firmware upgrade.

Remove device: allows you to unbind the device from the Nexxt Home Account.
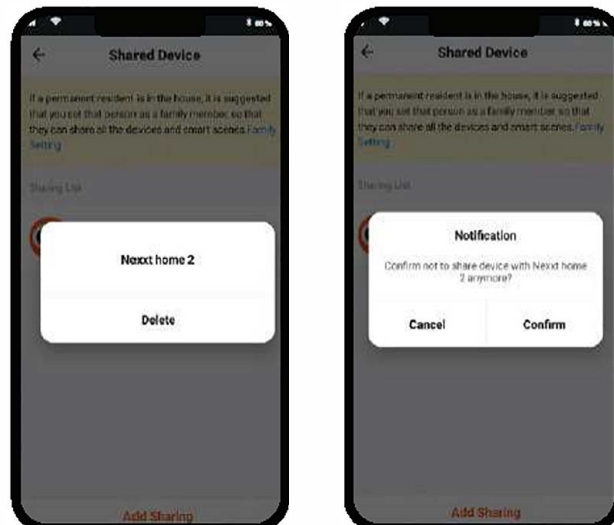
Share device

Click on **Share devices** then tap **Add sharing.** Enter the e-mail address of the person you want to grant access to the device. Tap on **Done**. The newly configured users will now have access to your smart doorbell.

Note: family or friends will need their own Nexxt Solutions Home Account to access the device.

Delete user

To remove a user on IOS, slide the name to the left. On Android, press and hold the name of the person you wish to eliminate. When the pop-up box comes up, select **Delete**. A **Notification** confirming that you no longer want to share the device with the selected user will be displayed. Tap on **Confirm** to permanently remove the user.

FCC ID: X4YHACD100

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could
void the user's authority to operate the equipment.
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.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.