



# QUICK START GUIDE

## DEFENDER EMPOWER APP



BATTERY-POWERED 4K EVERWATCH PTZ WIRELESS CAMERA

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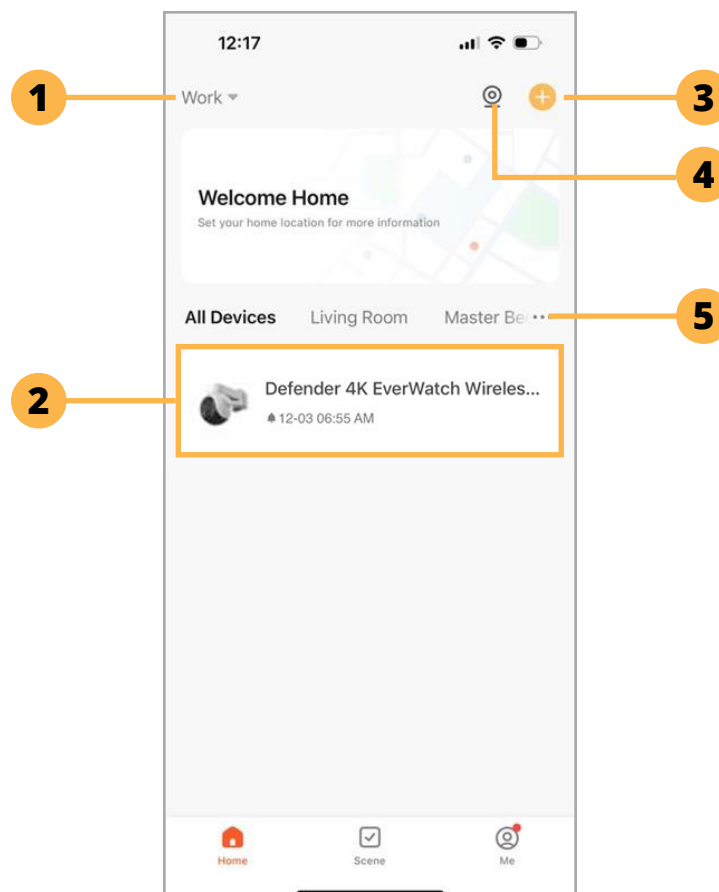
# BASIC NAVIGATION

The Defender Empower App allows you to remotely view live and pre-recorded video, save and share footage, share App access and receive customized notifications. Other App functions may not be supported.



**PLEASE NOTE: Actual app screen layout may differ.**

## HOMEPAGE

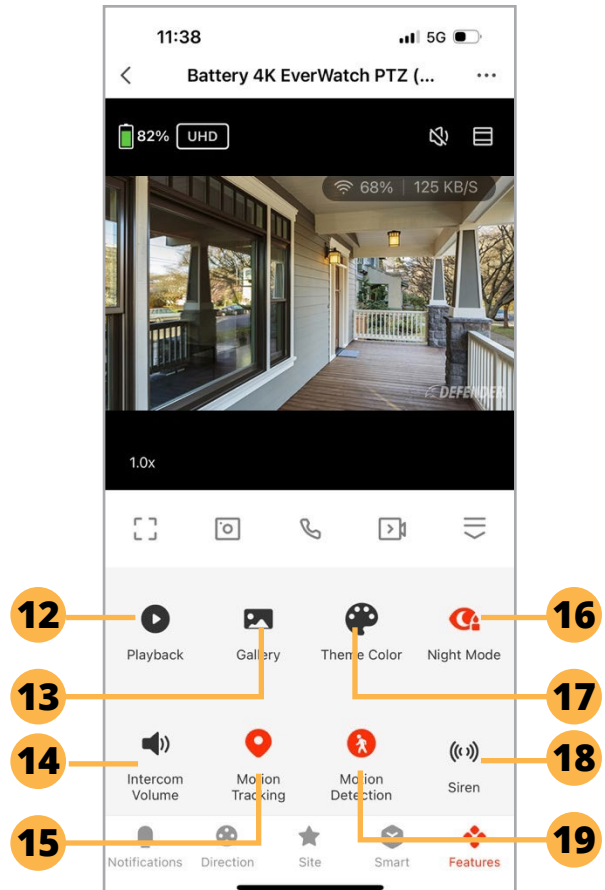


1. Home Name
2. Added Devices (\*Device may not be exactly as shown)
3. Add Device / Create Scene
4. Multiview (available only when two or more cameras are connected)
5. Device Management

# CAMERA LIVE VIEW MENU

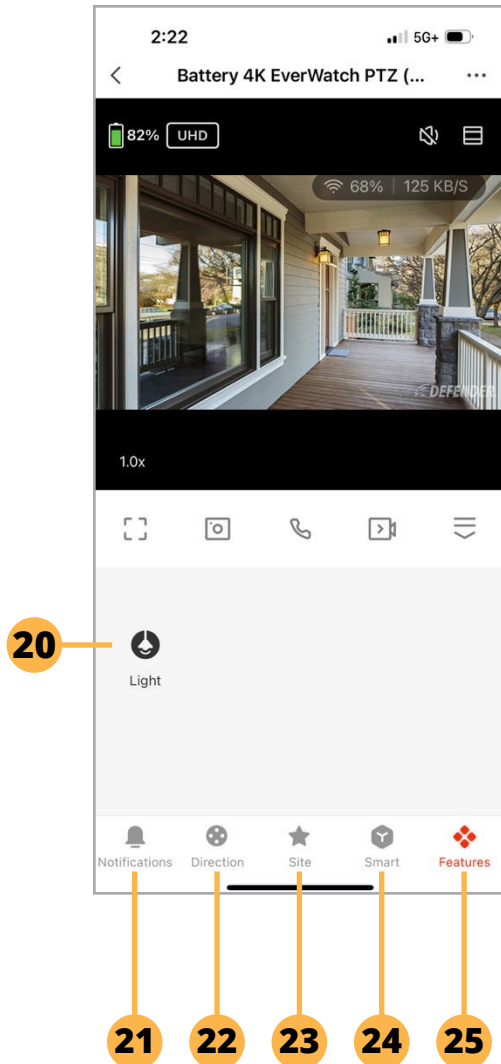


1. Battery Life
2. Toggle between 4K UHD and SD
3. Audio On/Off
4. Video Streaming Data Rate
5. Wi-Fi Signal Strength
6. 1.0X - Zoom up to 6X
7. Full Screen Mode
8. Snapshot
9. Two-Way Talk



10. Instant Record
11. Open Menu
12. Playback
13. Picture and Video Gallery
14. Two-Way Talk Volume
15. Enable/Disable Motion Tracking
16. Switch Between Night Vision Modes
17. Switch Between Light or Dark Mode
18. Enable/Disable Siren
19. Enable/Disable Motion Detection

## CAMERA LIVE VIEW MENU CONTINUED



20. Enable/Disable Spotlight.

21. Notifications: View and playback detection history and recordings

22. Direction: PTZ Controls

23. Site: Create saved locations for the camera to return to

24. Smart: Create smart automations for your device

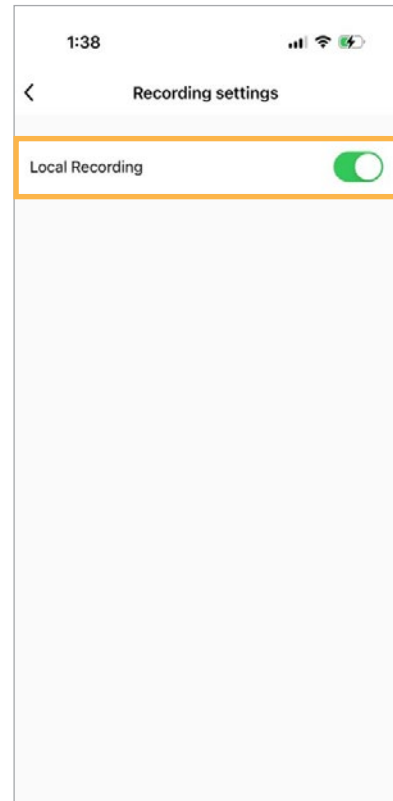
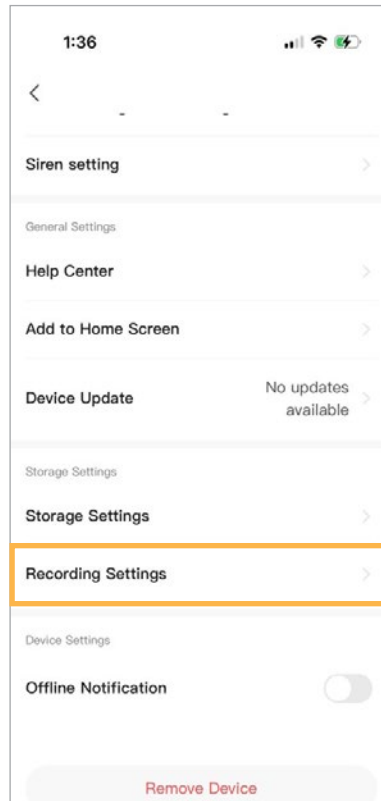
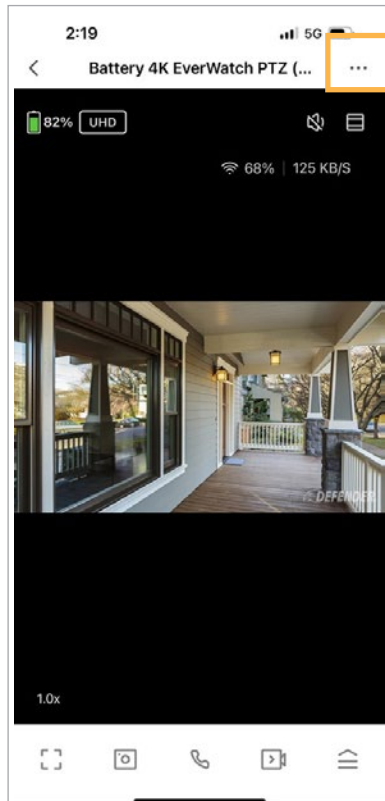
25. Features: Control functions and change settings

# LOCAL RECORDING SETUP



**NOTE: Continuous recording is not supported on Battery Powered 4K Everwatch in order to prolong battery life. Recording Settings is only available when a SD card is inserted.**

To enable local recording to an SD card, from the home screen select the camera you wish to adjust the setting for. Next select (•••) in the top right. Select Recording Settings and toggle on Local Record.



**NOTE: Once the SD card is full, the camera will continue to record by overwriting older footage.**

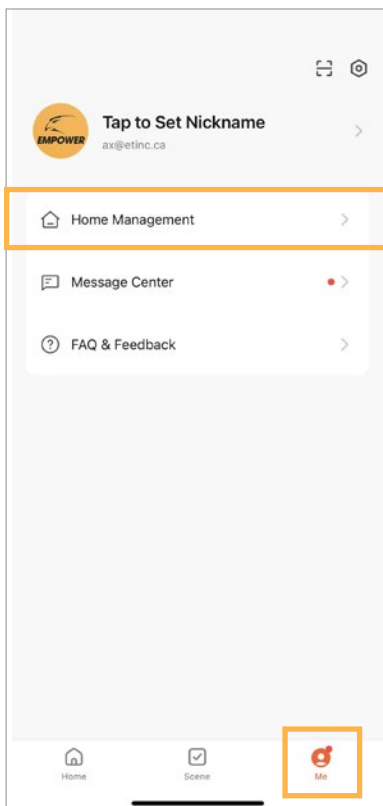
# SHARE APP ACCESS

There are two options to share App Access. Option 1- Share account access, allowing you to share all cameras connected to the account. If you wish only to share one camera, please see option 2.

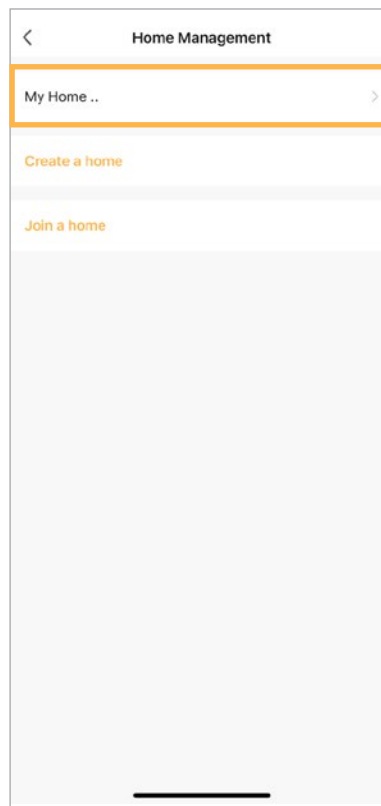


**IMPORTANT: Before sharing App Access, each user will need to download the Defender Empower App and create their own account.**

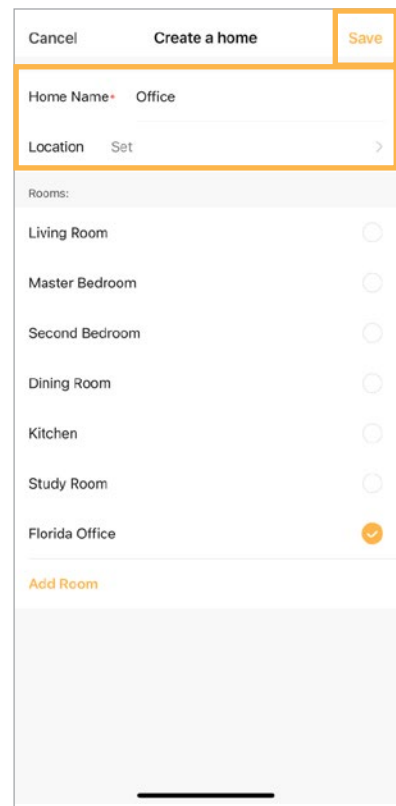
## OPTION 1



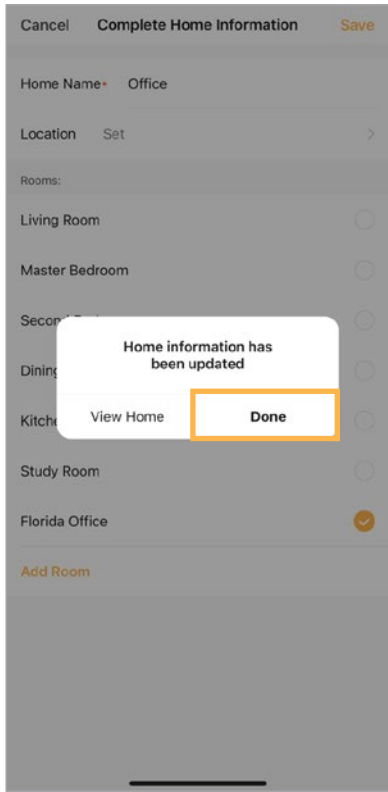
Launch your App and tap on 'Me' then tap 'Home Management'.



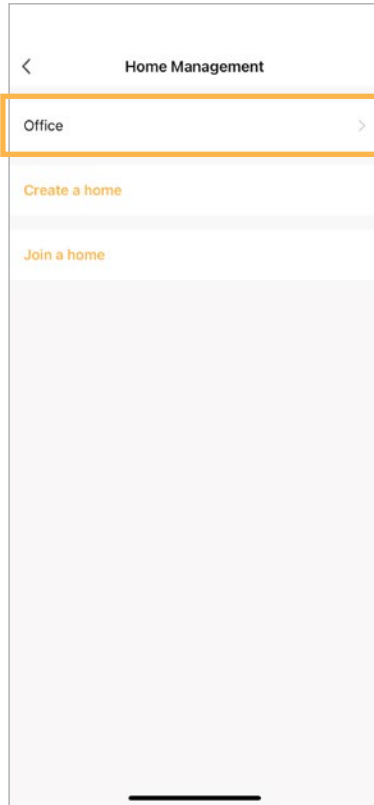
Tap 'My home'.



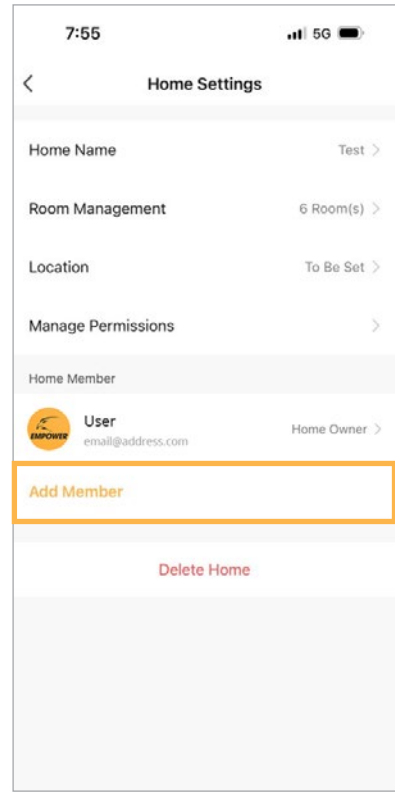
Enter a Home Name and Location. Select only one 'Room' location or create a custom room by tapping "Add Room". Tap 'Save'.



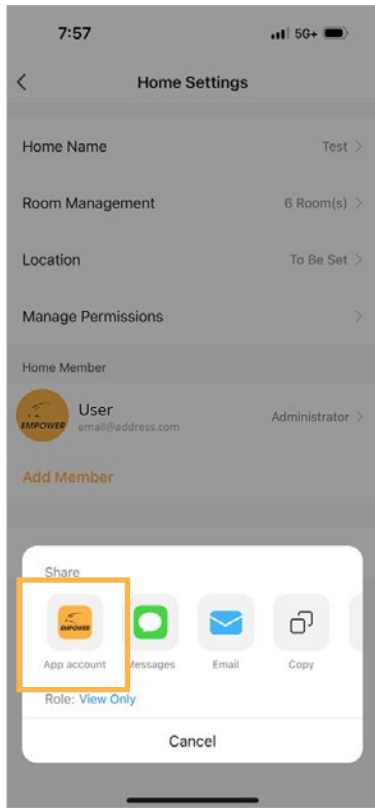
Tap 'Done'.



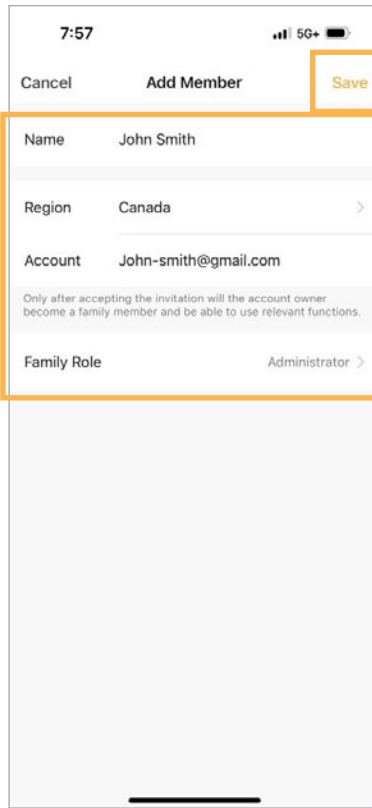
Tap on the device location you would like to share.



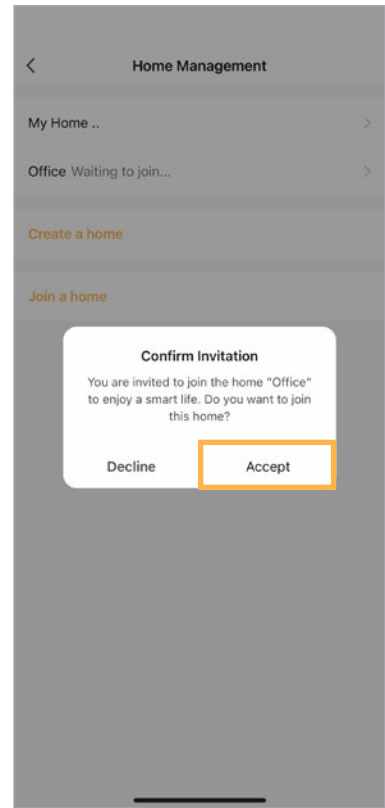
Tap 'Add Member'.



Tap the Defender Empower App account.



Fill in the other user's account information to share App access, then tap 'Save'.

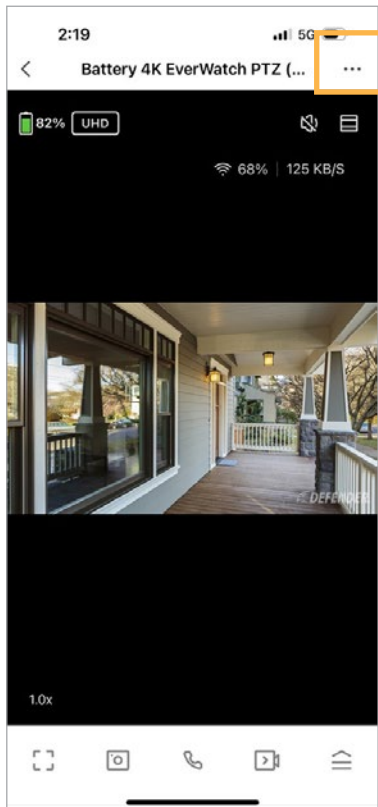


The other user is required to tap "Accept" in their app account to confirm the invitation.

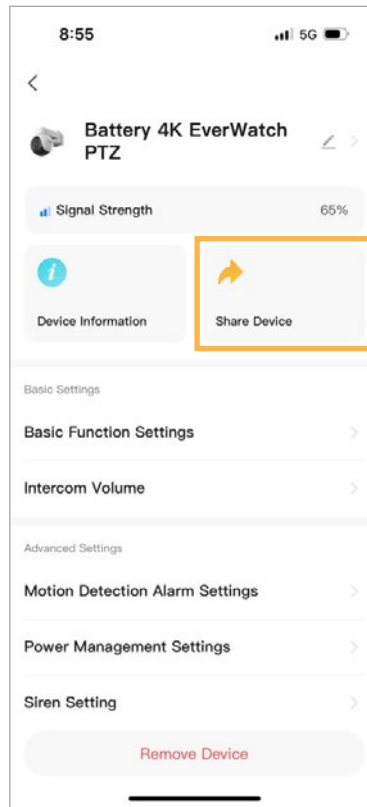


**PLEASE NOTE: If you select View Only, the user will only have access to view the camera. To allow full access, switch to Administrator.**

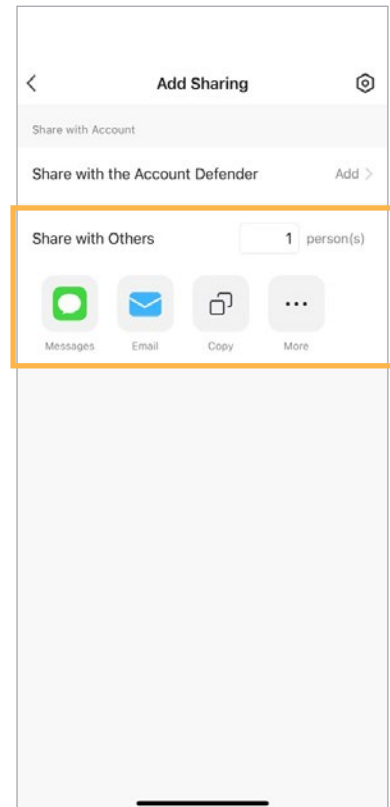
## OPTION 2 - SHARE ACCESS TO ONE CAMERA ONLY.



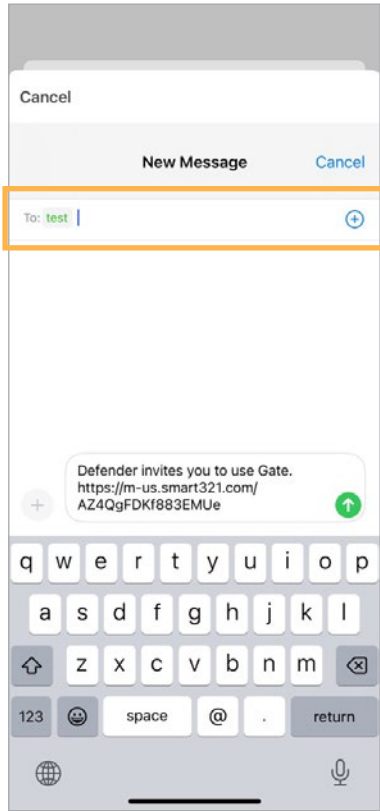
From the live view screen, tap the 3 dots (...).



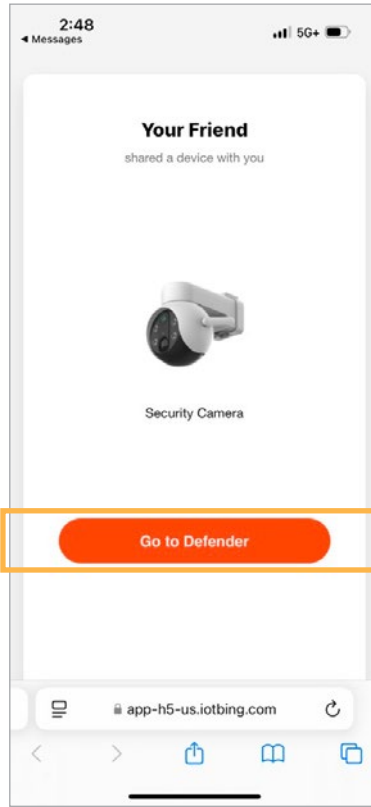
Select Share Device.



Select the method you wish to share access, for example by text or email.



Enter the information of the person you wish to share access with.



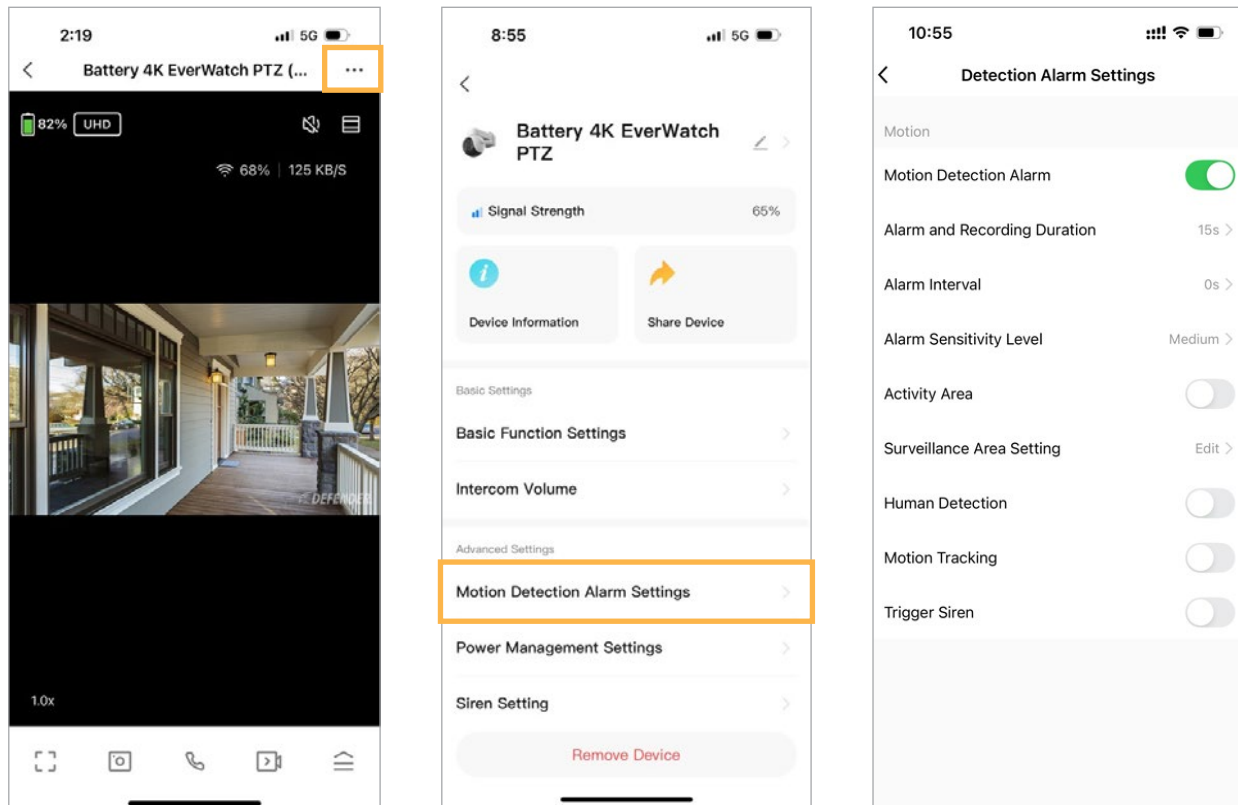
The other user will get a message with a link, and click "Go to Defender" The other user can now accept the share request.



# SETTING UP MOTION DETECTION

To access Detection Settings, navigate to the live view screen, tap (•••), and select Motion Detection Alarm Settings. To access detection settings, enable Motion Detection Alarm.

*\*Repeat for each camera.*



To receive notifications for all types of motion, turn off Human Detection. If Human Detection is enabled, you will only receive alerts for human detection.

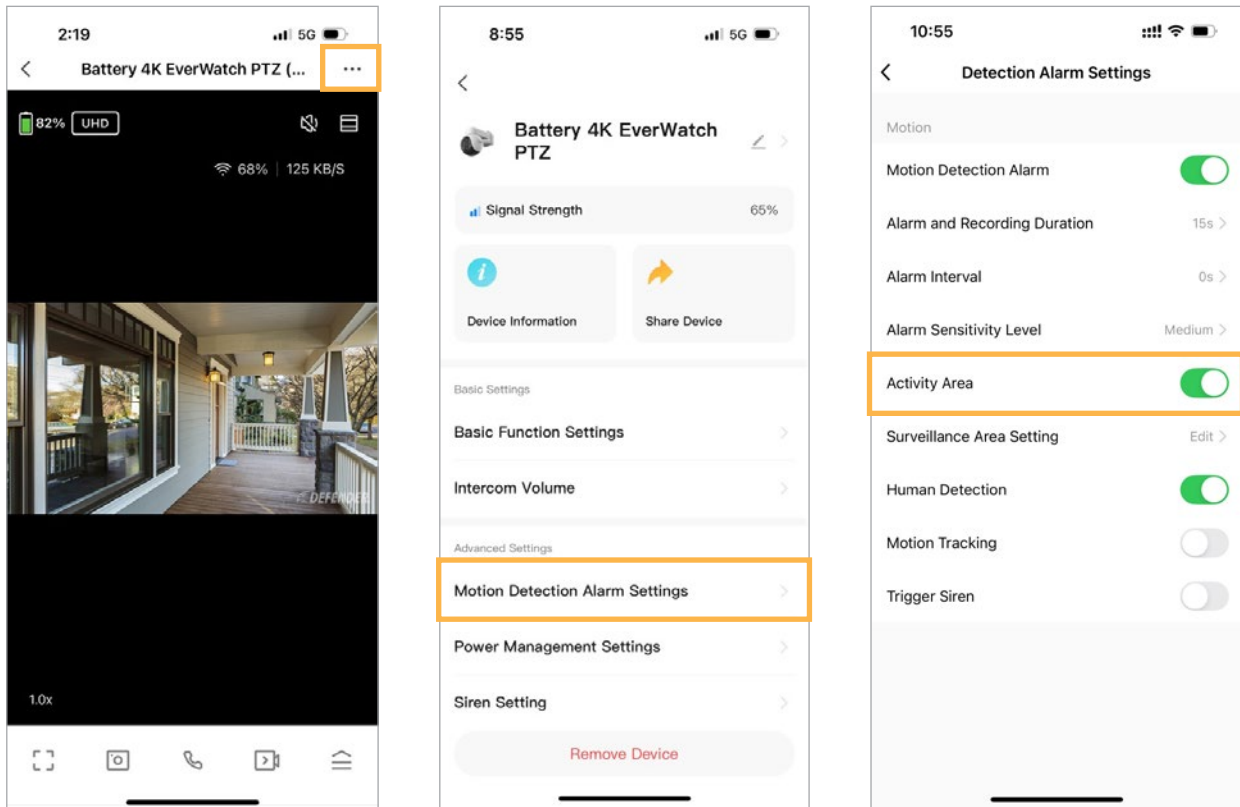
Human detection may not be 100% accurate. To minimize false notifications, we recommend enabling the Activity Area and selecting Surveillance Area Setting to customize your detection region by masking areas to avoid any trees or larger moving objects.

If Motion Tracking and Human Detection is enabled, the camera will track human movements. If Human Detection is disabled, the camera will track all motion.

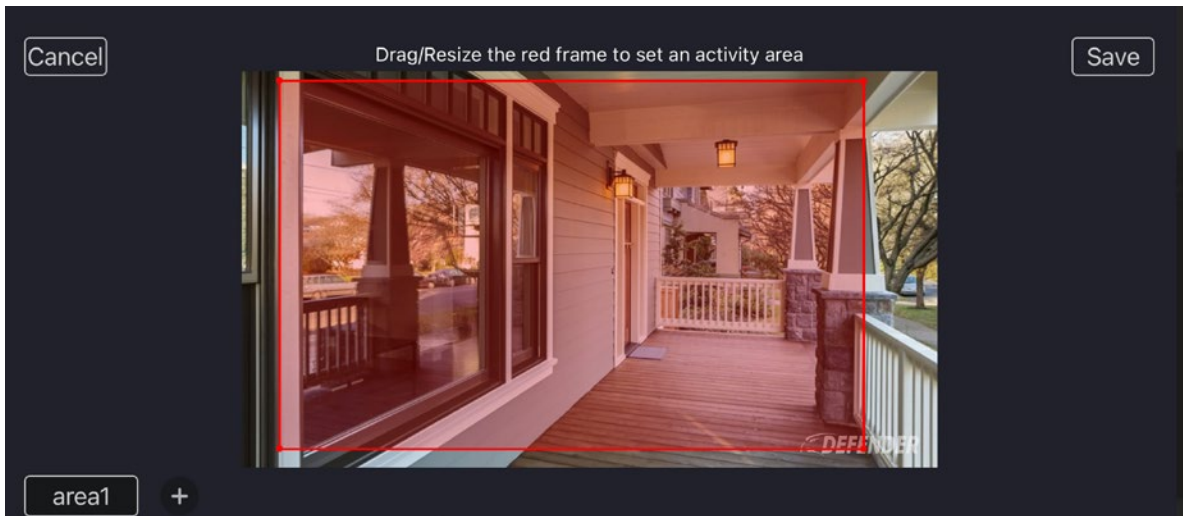
# SURVEILLANCE AREA SETTING

To access the Surveillance Area Setting, navigate to the live view screen, tap (⋮), and select Motion Detection Alarm Settings.


Toggle on Activity Area. Select Edit.



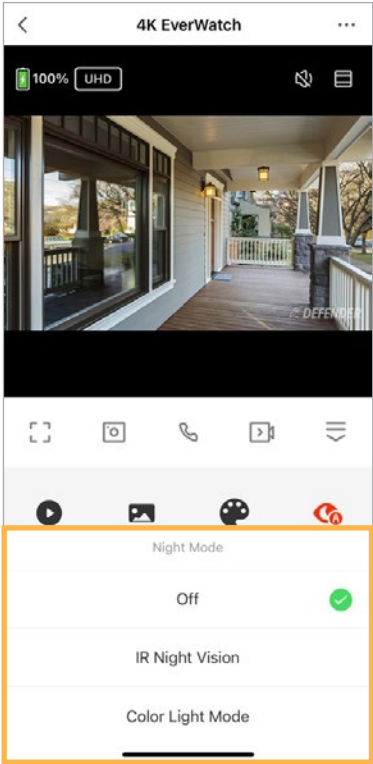
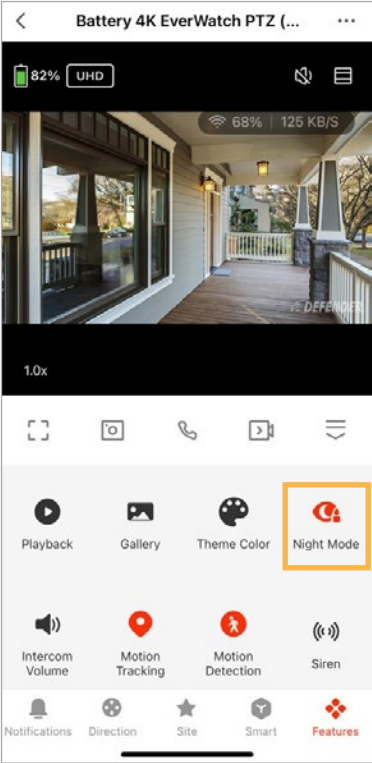
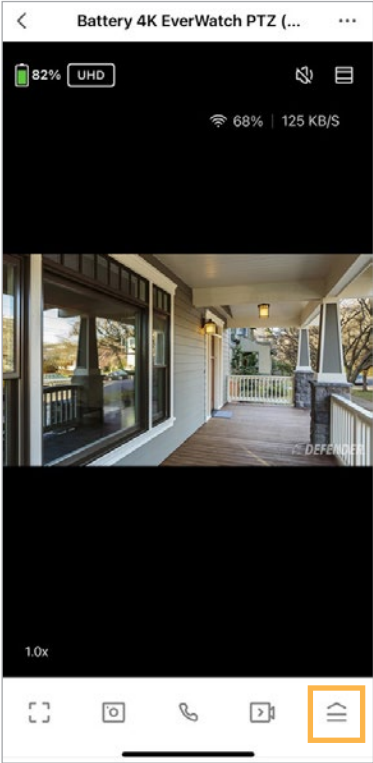
Drag the circles to set your motion detection area. The areas highlighted will detect motion. To add additional areas, tap the + icon. Select Save to confirm your changes.



# SETTING UP NIGHT VISION

To access Night Vision settings, from the Live View Screen, tap  and select Night Mode. Select your preferred night vision mode.

*\*Repeat for each camera.*



**OFF**  
The image will depend solely on the ambient lighting.

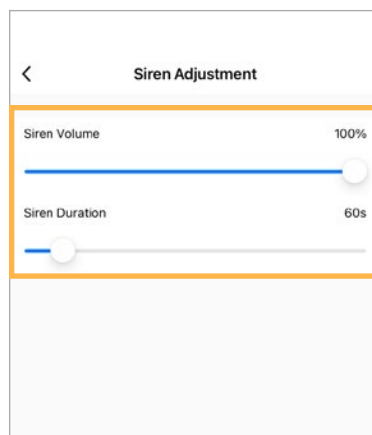
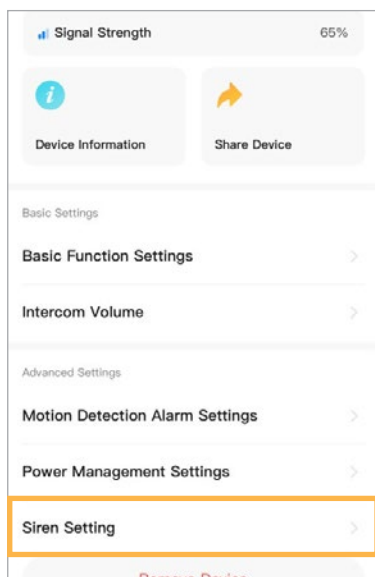
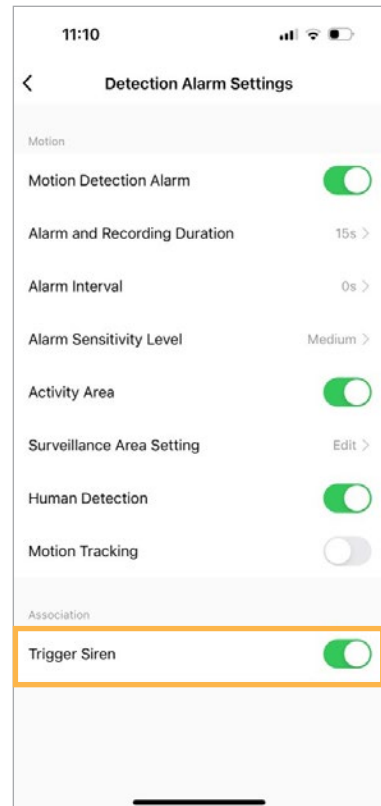
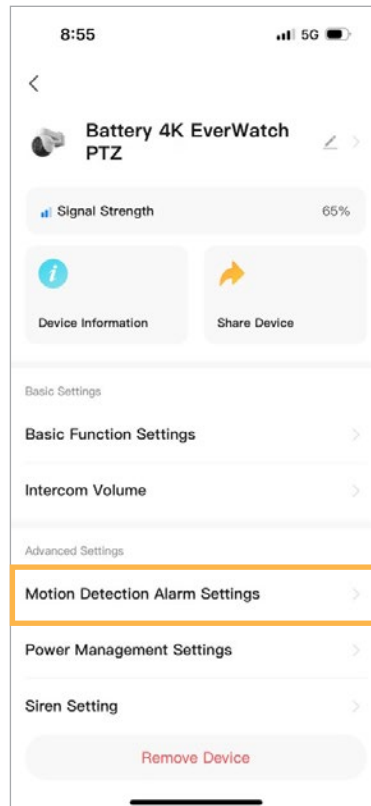
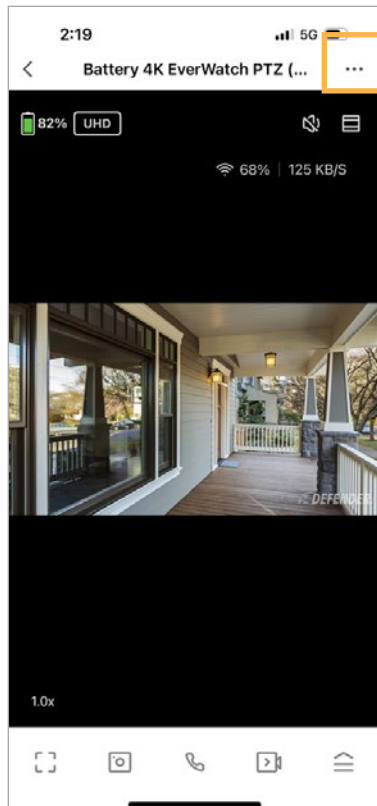
**INFRARED MODE**  
The image will be in black and white.

**COLOR LIGHT MODE**  
The spotlight will activate to provide full-color night vision when the camera is being viewed live or when motion is detected, triggering recording. All recordings will be in color. The spotlight will turn off to conserve battery when the camera is not being viewed live or when no motion is detected.



# SIREN DETERRENCE SETTINGS

To access the Siren settings, from the home screen select the camera you wish to set a schedule for. Select (...) in the top right and select Motion Detection Alarm Settings. Toggle on Trigger Siren for the siren to trigger when motion is detected.



To adjust the siren duration and volume, select back and select Siren Adjustment. You can customize the volume and the length of time for the siren.

## ALARM AND RECORDING DURATION

Your camera will start recording when motion is detected, and stop recording when the Alarm and Recording Duration time is reached. Select your desired duration.

## ALARM INTERVAL

In order to reserve the camera battery and to avoid receiving an excess number of notifications, adjust the Alarm Interval to 10s, 30s, or 60s to temporarily disable motion detection after the camera goes to sleep at the end of the last motion detection session.


## ALARM SENSITIVITY LEVEL

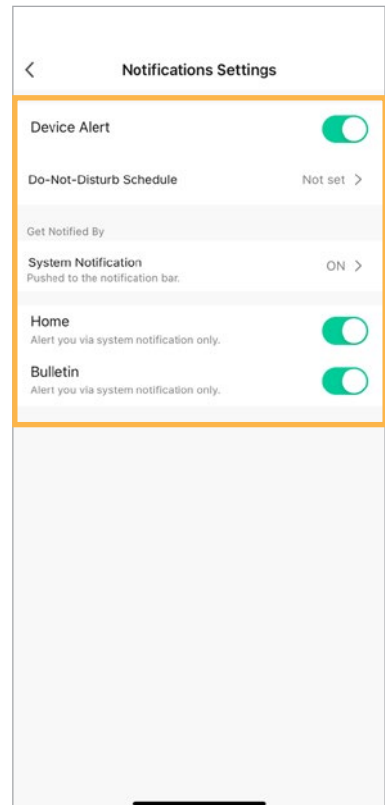
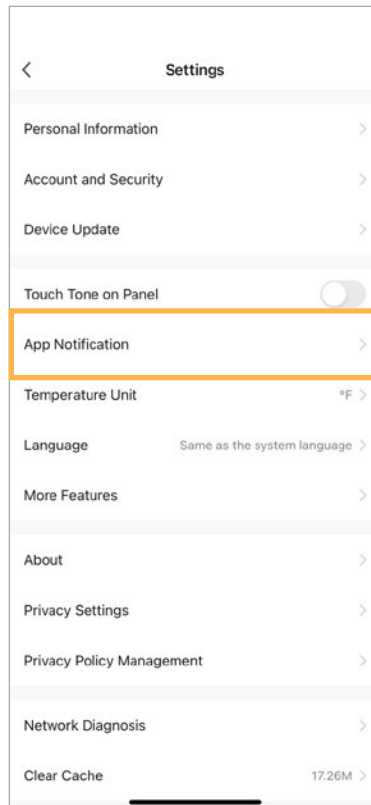
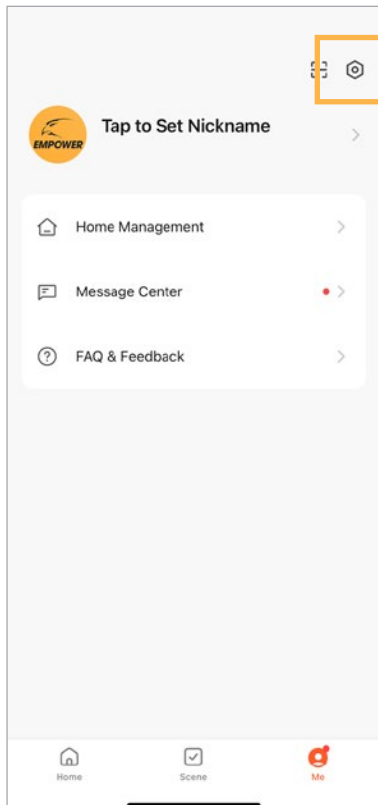
Select between Low, Medium, and High. We recommend starting with Medium.

# SETTING UP NOTIFICATIONS



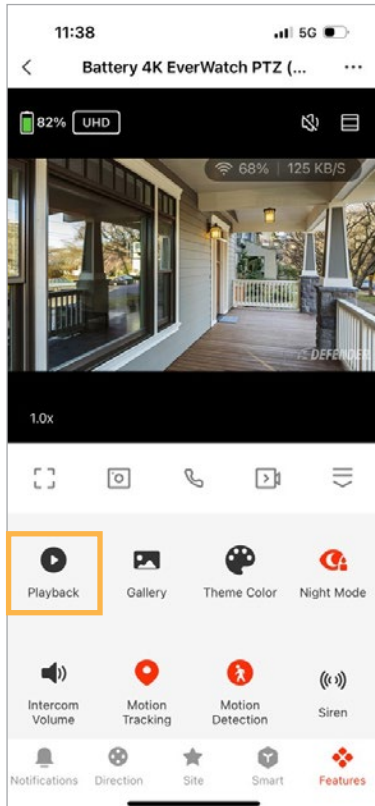
**IMPORTANT:** Alarm and Message Push with image notifications are on by default. If this is your preferred setting, skip this step.



To turn off Notifications from the Home Screen, select Me. Select the Settings icon  and select App Notifications. Select your preferred notification settings.

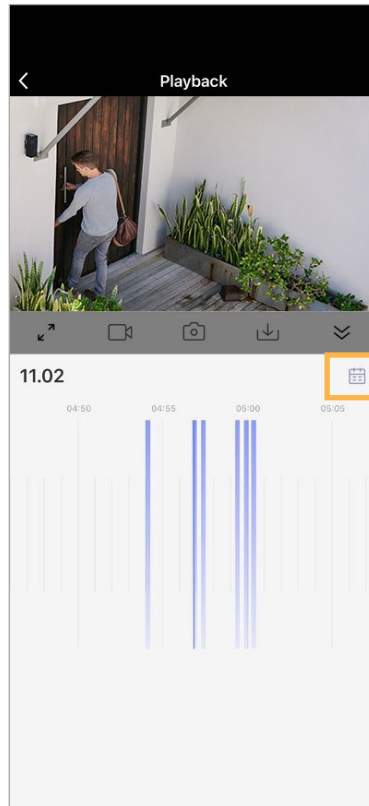



# PLAYBACK

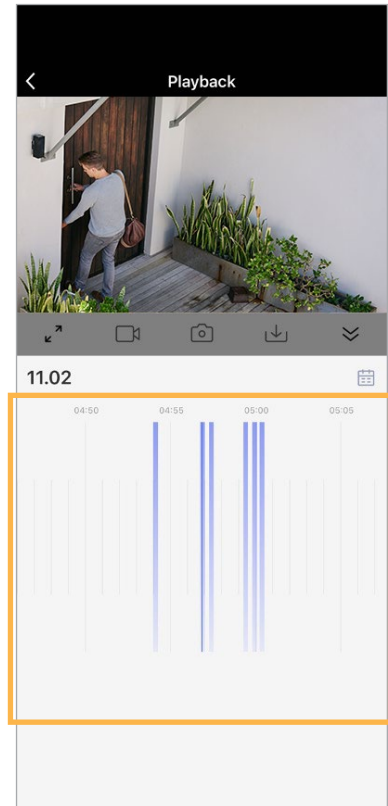
You have two ways to access recordings in the Defender Empower app, direct playback or via motion notifications (See Notifications section).



Step 1: On the live view page, tap  to open the control panel menu. Tap Playback .



Step 2: From this page, select your desired date to start viewing recorded footage. Tap  > Select date.



Step 3: Scroll left to right to view recordings, displayed by vertical blue lines. Pinch to zoom in and out of your timeline.



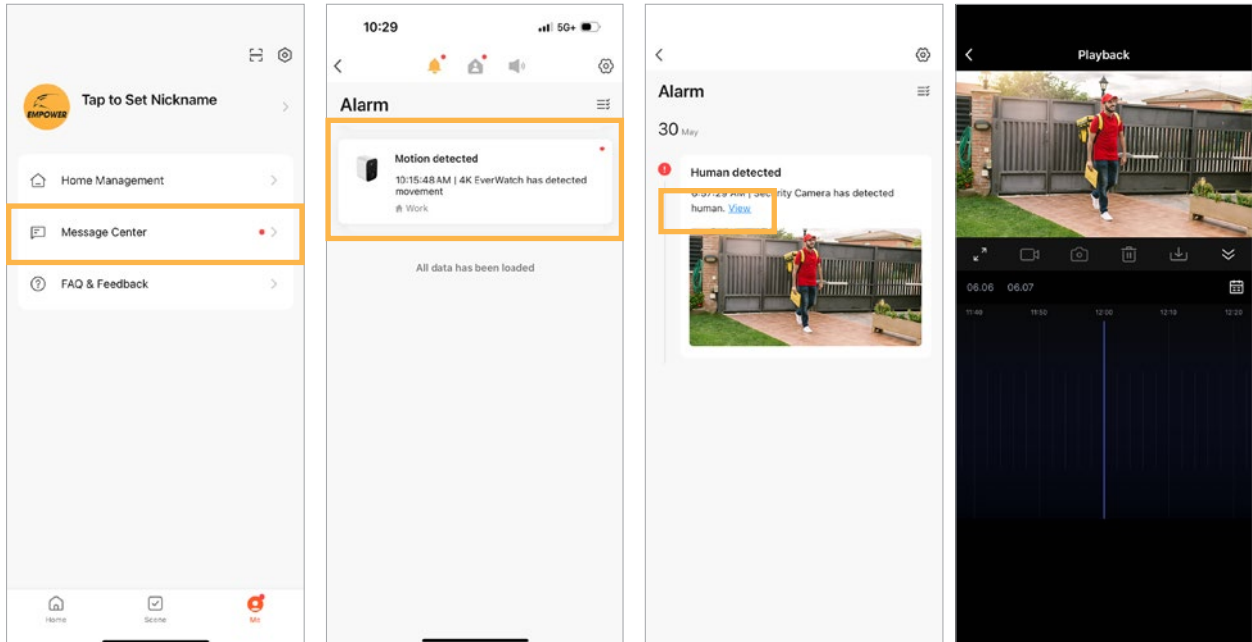
**PLEASE NOTE: Days with no recording, will be greyed out. Dates with recording will appear black.**

Sun.	Mon.	Tue.	Wed.	Thurs.	Fri.	Sat.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

**OPTION TWO:**

With notifications enabled, you can view your playback directly from notifications. If you select a notification from within the past 2 minutes, selecting view will display the live view of the camera.

From the live view screen, select Me, select Message Center and select the camera you wish to view notifications for. Tap view, to view the playback.



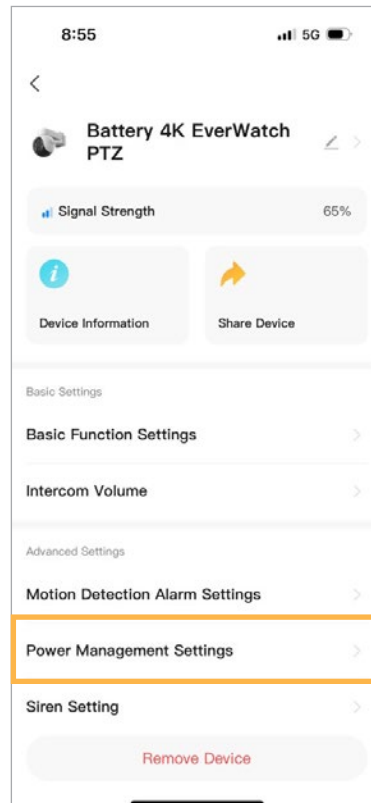
# LOW BATTERY ALARM

For your peace of mind, we recommend setting a Low Battery Alarm in the Defender Empower App to be reminded when your camera battery is low. *To maximize the battery life of your camera, we recommend keeping your battery charged at all times by connecting to the solar panel.*

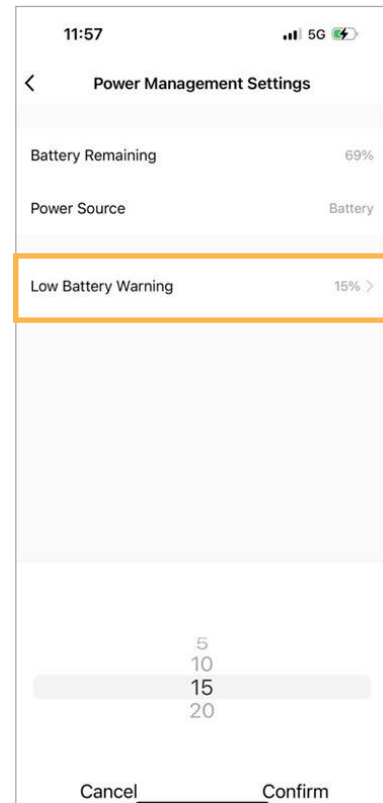
Low Battery Alarm is set to alert at 15% battery by default.



Step 1: From the live view page, tap (⋮)



Step 2: Tap "Power Management Settings".

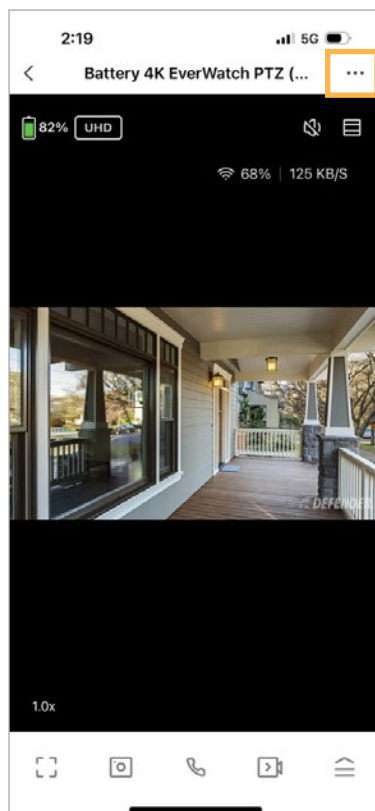


Step 3: Tap "Set the Low Battery Warning". Select what battery life percent you wish to receive a notification of low battery. Tap "OK" to save.

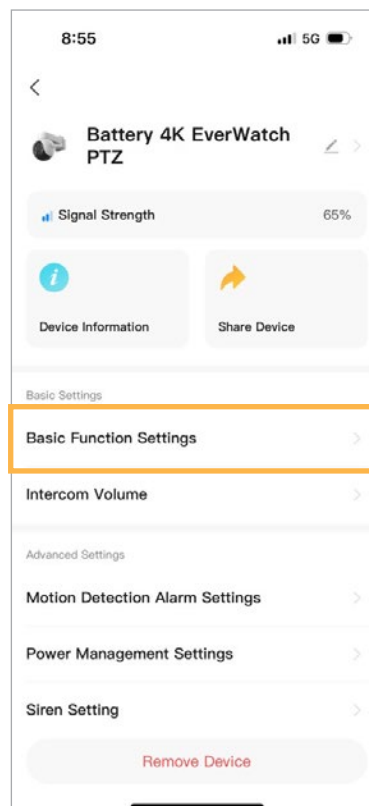
# TWO-WAY TALK MODE

You have two options to select between two-way and one-way talk mode.

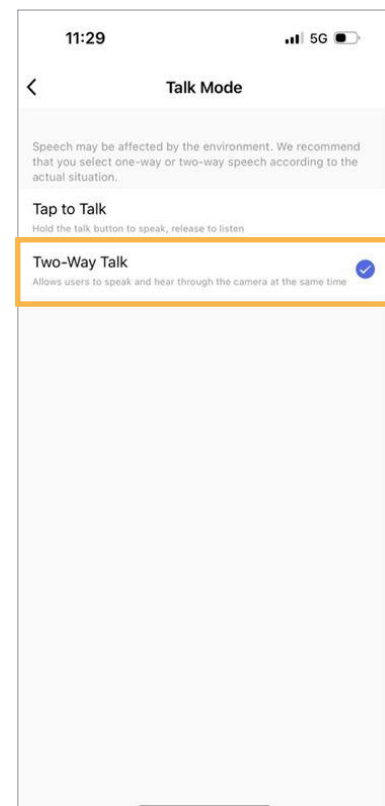
1. **Two-Way Talk (Default)** – Speak and listen simultaneously. This is ideal for having conversations through the camera from the App.
2. **One-Way Communication** – You can either hear from the camera or speak through the camera at any moment, but not at the same time. This mode should be used when you are using the talk function close to your camera to avoid echoing and noise.



Step 1: From the live view page, tap (⋮) at the top right corner to go to settings.



Step 2: Tap “Basic Function Settings”.



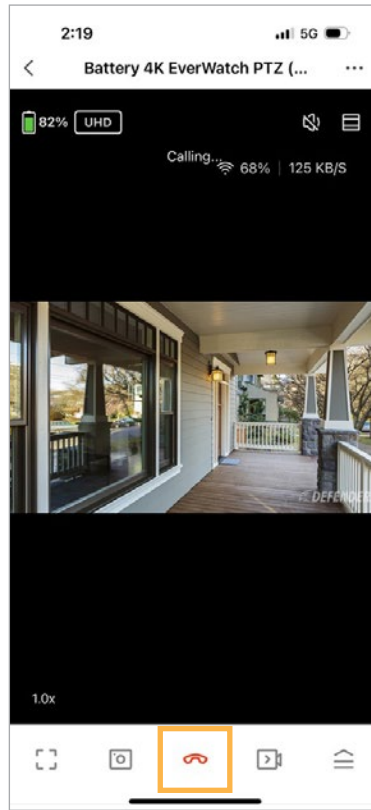
Step 3: Tap “Talk Mode” to edit.

## TWO-WAY TALK

To use Two-Way talk, select the camera you wish to communicate with.



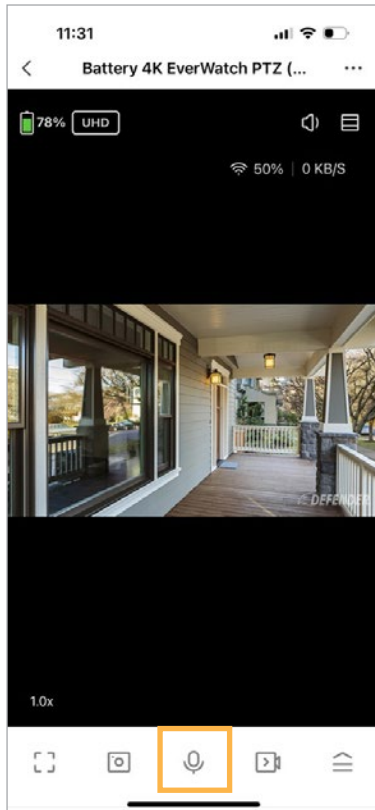
Step 1: Tap the phone icon in live view to start two-way talk.



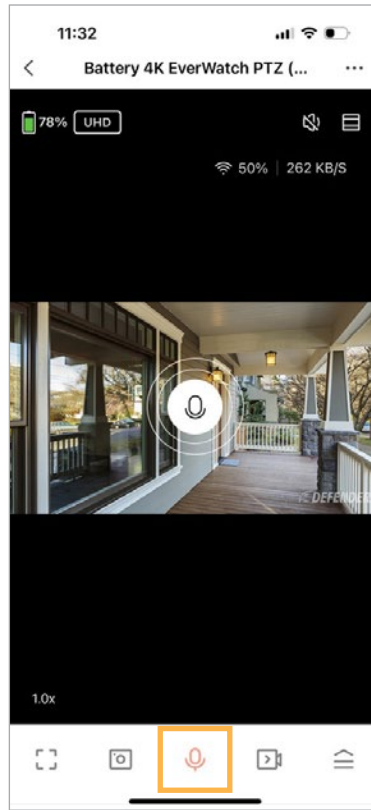
Step 2: Start talking when the phone icon turns red. Tap the phone icon again to hang up.

## ONE-WAY COMMUNICATION

Select the Camera you wish to communicate with.





Step 1: Tap and hold the microphone icon in live view to activate the microphone

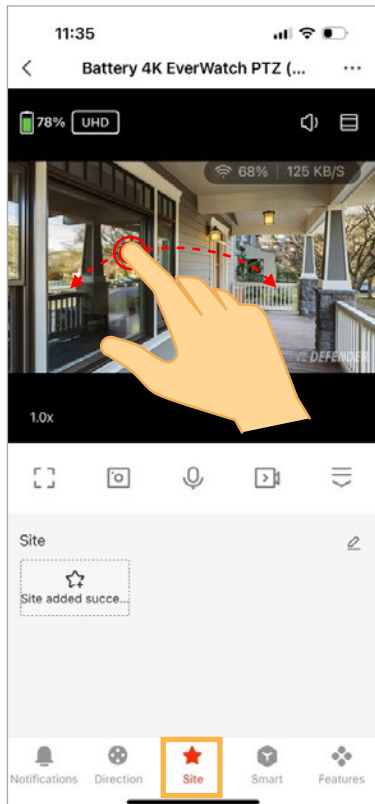


Step 2: Start talking when the microphone icon appears. Release the microphone icon to finish talking.

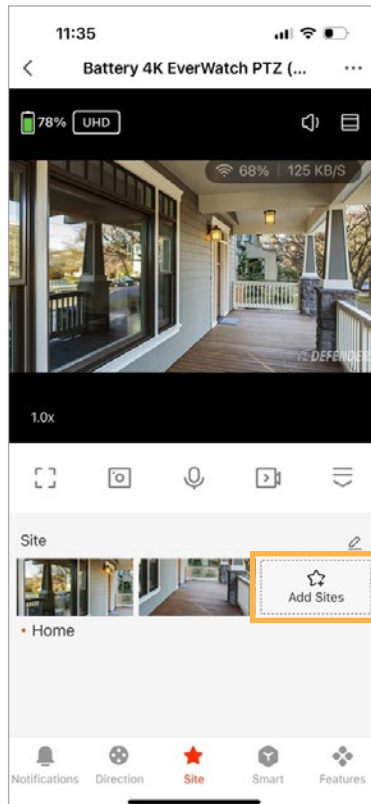
# SETTING UP SITES

Settings a site location tells your camera where to return to once motion is no longer detected, if no site location is set, the camera will return to the last default position before motion was detected.

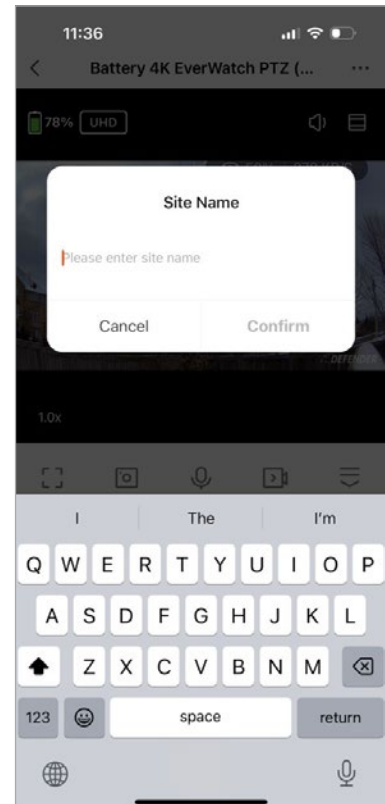
From the live view screen, select the menu icon  and select Site  Site



Use your finger to move and select your preferred location by swiping up and down or left and right.



Once you've positioned your camera and your preferred location, tap Add Sites.



Add your site name and select Confirm to change.



DefenderCameras.com

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