



## QUICK START GUIDE

### **ATTENTION**

For Returns or Support you **MUST** contact  
**[DefenderCameras.com/Support](https://DefenderCameras.com/Support)**





# WHAT YOU'LL NEED

- TV or Monitor
- Hammer Drill & Appropriate Bit
- Phillips (#2) Screwdriver
- Ladder (*if required*)
- Cable Protectors (*if required*)

# WHAT'S INCLUDED

## MODEL: DV8MP1T4B4

- 1 x DVR with 1 TB HDD
- 4 x 4K Analog HD Cameras
- 4 x 60 ft. BNC Cables
- 1 x Camera Power Adapter
- 1 x 4-Way Power Splitter
- 1 x HDMI Cable
- 1 x Ethernet Cable
- 1 x DVR Power Supply
- 1 x USB Mouse
- 4 x Camera Mounting Hardware
- 1 x Quick Start Guide
- 1 x Window Warning Sticker
- 1 x Drilling Template

# FCC / IC 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. (2) This device must accept any interference received, including interference that may cause undesired operation.

## FCC WARNING

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 the receiver.
- Connect the equipment into an outlet different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## IC STATEMENT / DÉCLARATION IC:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) L'appareil ne doit pas produire de brouillage; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

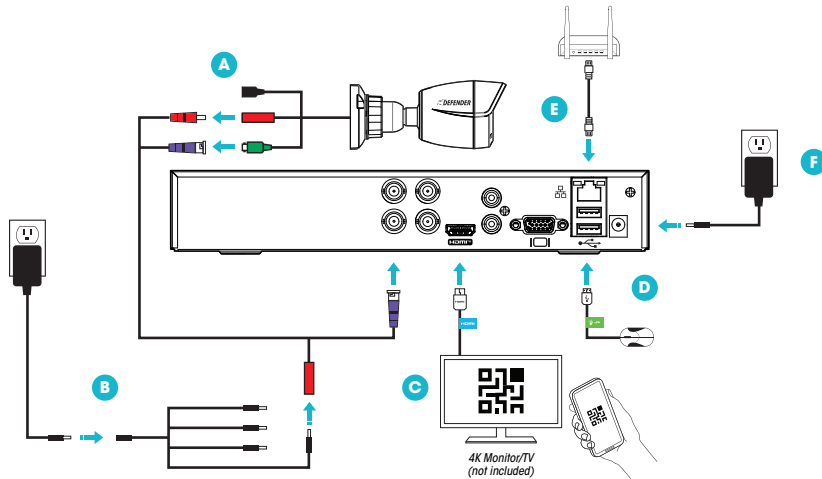
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

# 4 CHANNEL DVR SETUP

## PLEASE READ FIRST!

You must connect the DVR to a monitor/TV to complete the setup. We recommend verifying all accessories and completing the DVR setup before installing the cameras. For the best viewing experience, we recommend using a 4K TV or monitor to view the footage.



1. Connect the monitor, USB mouse, cameras, modem/router, and power supply to the DVR based on the color and image labels:

**A Cameras:** Connect the red and purple BNC connectors to the camera. Attach the second purple connector to the DVR. **Tip:** When connecting the purple BNC connection, twist right to lock the metal connection in place.

**B Camera Power:** Connect the second red power connector to the 4-way splitter and power supply. Connect the 4-way power splitter and the camera power adapter(s) to a power outlet.

**C Monitor:** Connect the HDMI cable to the DVR and monitor or TV (Not included).

**D USB Mouse:** Connect the USB mouse to the USB port on the back of the DVR.

**E Modem/Router:** Connect the Ethernet cable to the DVR and modem/router.  
**(NOTE: Wired Ethernet connection required for remote viewing to the app. The DVR cannot connect to the modem/router via Wi-Fi)**

**F DVR Power:** Connect the DVR power cable to a power outlet.

2. Follow the Activation and Setup Wizard on the monitor/TV to set up the DVR.



**A Record LED:** Data is being read or written to HDD

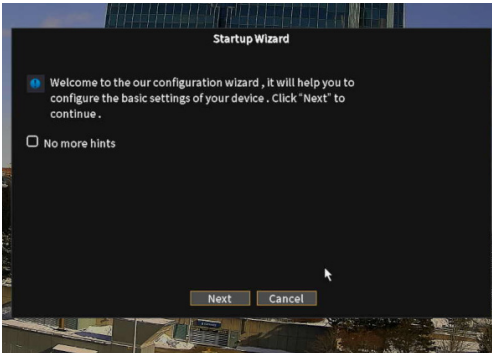
**B Power LED:** Indicates the DVR is ON

**C Escape:** Press to escape the menu

**D Menu:** Press to enter the menu screen

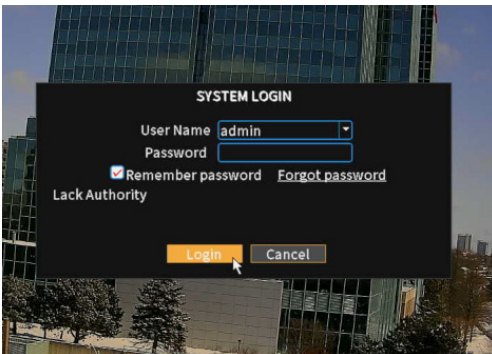
**E Navigation Keys:** Navigate the menu

# DVR STARTUP WIZARD



## SETUP WIZARD

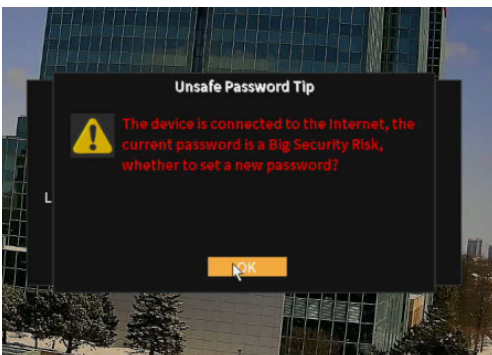
- Click **“Next”** to continue your DVR setup.



## SYSTEM LOGIN

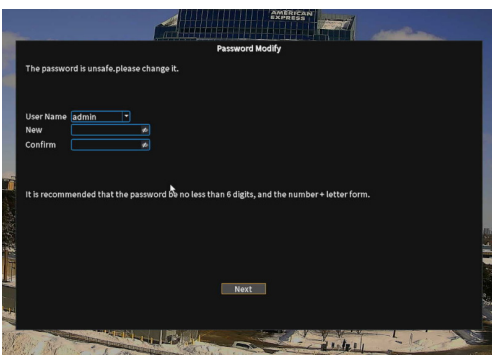
- **IMPORTANT:** Leave the password blank as you will create one in the next steps.

- Click **“Login”** to create your own password.



## UNSAFE PASSWORD TIP

- Click **“OK”** to set up your password.



## PASSWORD MODIFY

- Create your DVR password

- **PLEASE REMEMBER YOUR PASSWORD!** Defender cannot remotely reset your password.

*Tip: It is recommended that the password be no less than 6 digits and should include numbers and letters. To add a capital letter, click Shift. To switch it back to lowercase, click Shift again.*

## SAFETY QUESTIONS

- Select 2 questions and enter your answers.
- Security questions can be used to access your system if you forget your password.
- You can choose to reset password by verification code. The verification code can either be sent to your linked App or your email address.
- Click **“OK”**

• **REMEMBER YOUR ANSWERS! We recommend writing your questions and answers down and keeping them in a safe place for future reference.**

The screenshot shows a 'Safety question' setup screen. At the top, it says 'Please complete the following information to reset your password later'. There are two sections: 'Safety Question' and 'Reset password by verification code'. The 'Safety Question' section has two rows, each with a 'Question' dropdown menu and an 'Answer' text input field. The 'Reset password by verification code' section has two radio buttons: 'Send verification code to monitor APP' (which is selected) and 'Send verification code to my contact profile'. Below the radio buttons is an 'Email' text input field. At the bottom right, there is an 'OK' button.

## DATE, TIME AND LANGUAGE

- Select your Time Zone, Date Format, System Date, and System Time.
- Click **“NEXT”**

The screenshot shows a 'Time - Language Configuration' screen. It has several fields: 'Time Zone' (dropdown menu showing 'UTC+08:00|Beijing,Urumqi,Tai'), 'System Time' (text input showing '2022-01-06 22:39:06'), 'Date Format' (dropdown menu showing 'YYYY MM DD'), 'Date Separator' (dropdown menu showing '-'), 'Time Format' (dropdown menu showing '24-HOUR'), and 'Language' (dropdown menu showing 'ENGLISH'). There is a 'Modify Language' link below the language dropdown. At the bottom, there are three buttons: 'Previous', 'Next', and 'Cancel'.

## NETWORK

- In order to use the Defender Ultra App the DVR needs to be connected via Ethernet cable and the testing status needs to read OK for all settings.
- Click **“NEXT”** to continue

The screenshot shows a 'Net Test' screen. It says 'Checking the network connection ....'. Below this, there are three lines of test results: 'Test Gateway .....OK', 'Test Network .....OK', and 'Test DNS .....OK'. A message says 'Network test successfully, please click "Next" to continue.'. At the bottom, there are five buttons: 'Retry', 'Previous', 'Next', 'Network', and 'Cancel'.

## SUCCESS! YOUR DVR IS READY FOR USE

- Click **“OK”** to continue.

The screenshot shows a 'Thank You' screen. It says 'You have successfully completed the Startup Wizard! Thank you for choosing our products!'. At the bottom, there are three buttons: 'Previous', 'OK', and 'Cancel'.

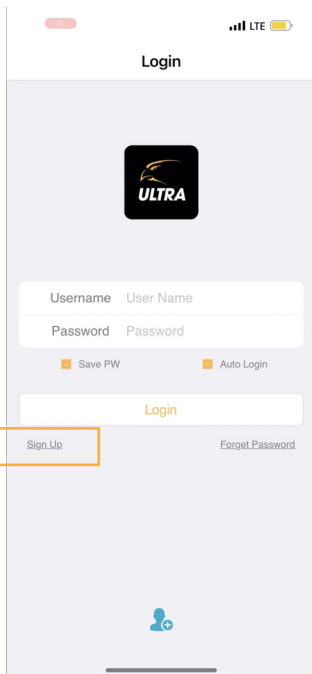
# MOBILE APP ACCESS

- Please download the **DEFENDER ULTRA APP** and follow the steps to create an account.
- An email account is required for verification.
- This App is compatible with iOS 9+ and Android 4.1+

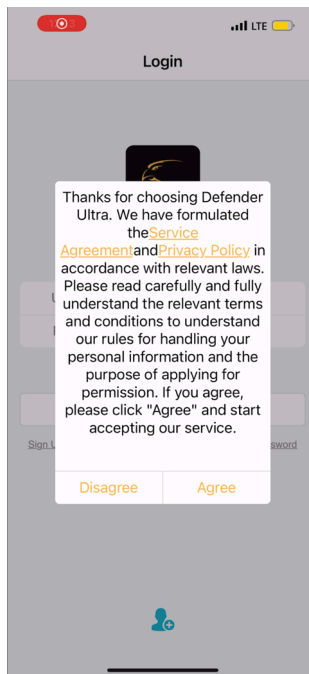


# ACCOUNT SETUP

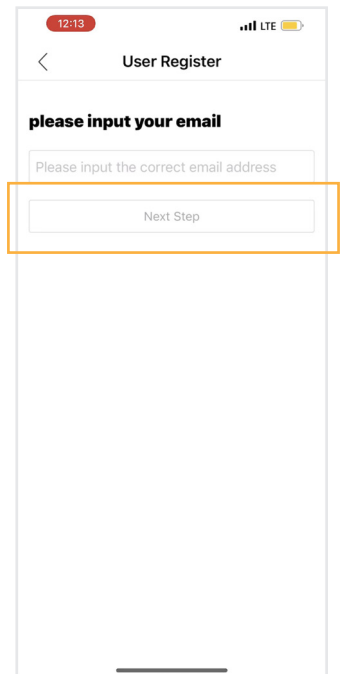
**Please Note:** For all Android users, additional steps may be required. Please follow all steps to complete your set up.



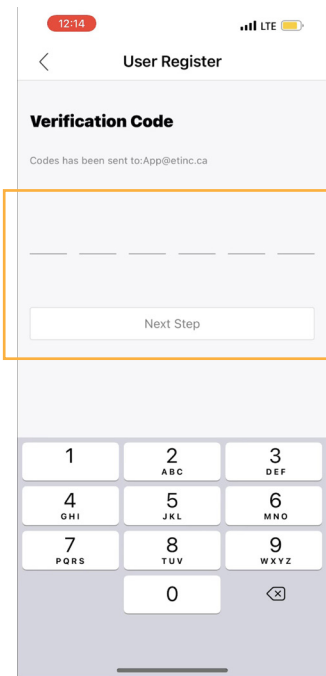
Tap 'Sign Up' to register your account.



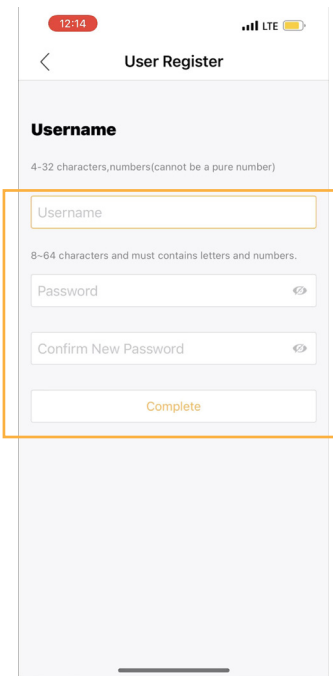
Review and agree to the User Agreement and Privacy Policy.



Input your email address and tap 'Next Step'.

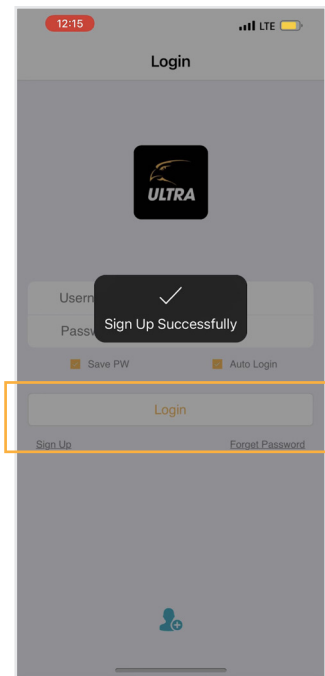


Enter the Verification Code sent to your email address. This may take **up to 5 minutes** to receive.



Create a username and password for the app. Tap 'Complete'. **Please note** the login password cannot contain 12345.

**Tip:** Tap on the eye to check the passwords are matching



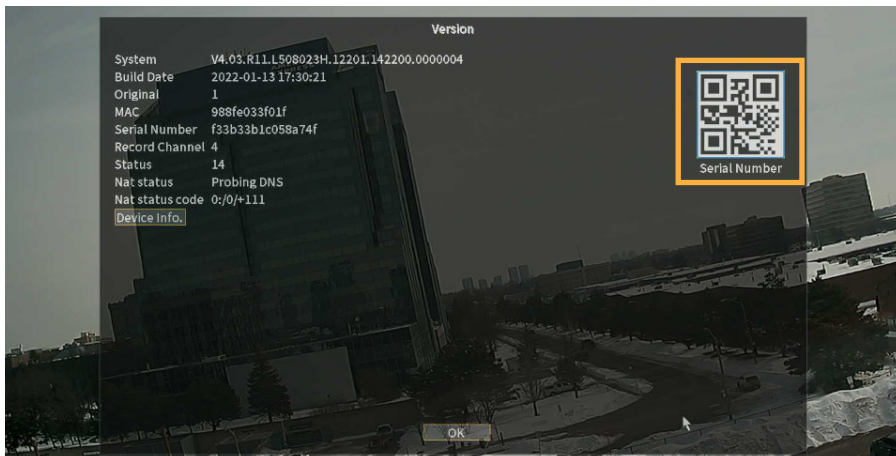
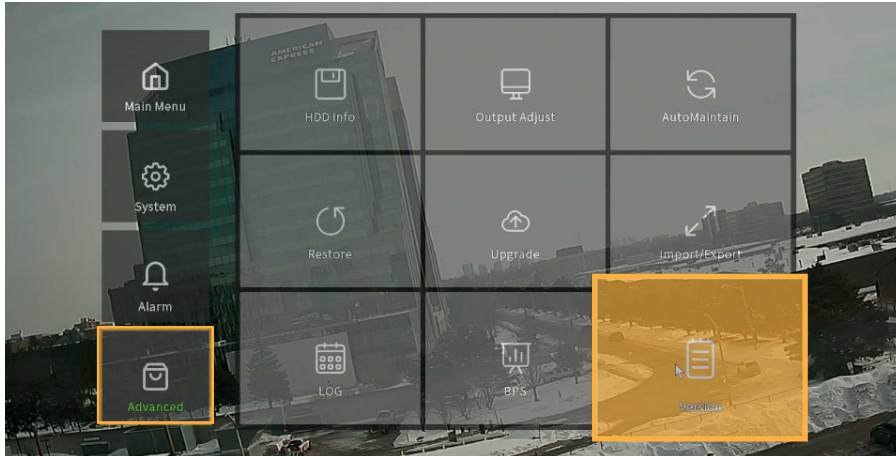
Account registration is complete!

Tap 'Login' to enter the Defender Ultra app.

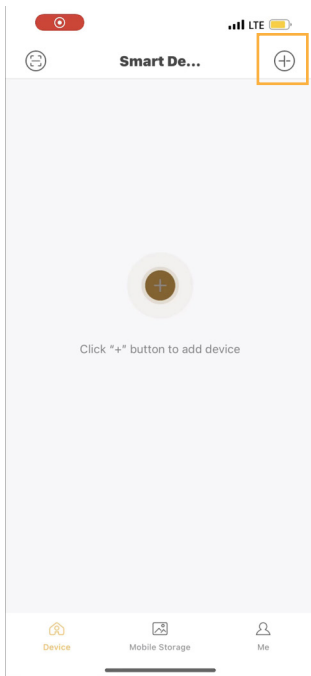


# LOCATE YOUR QR CODE

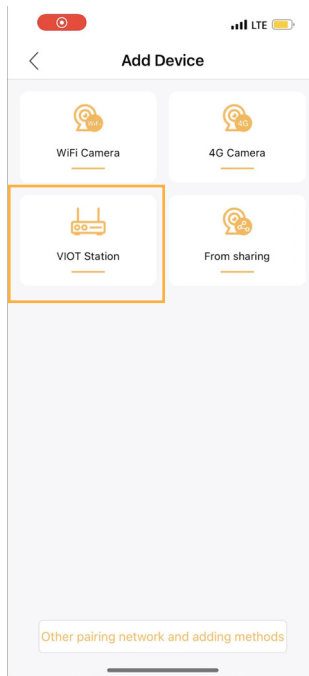
- Right click to select Main Menu > Advanced > Version



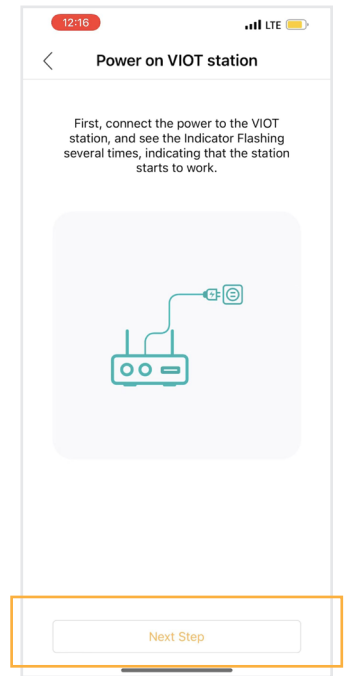
# ADDING A DEVICE



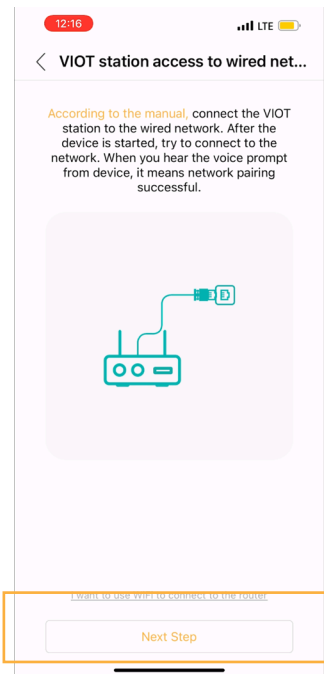
Tap + to add device.



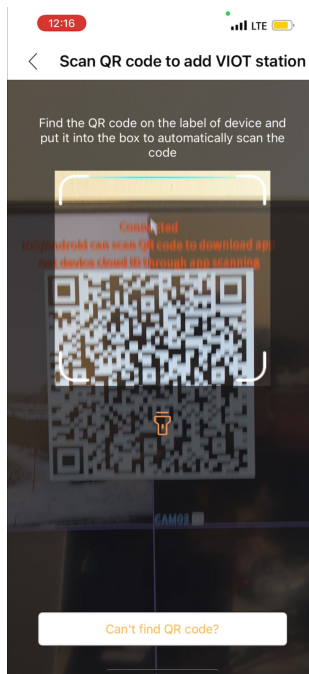
Tap 'VIOT Station' to add the DVR.



Ensure the DVR is plugged into the wall. Tap 'Next Step'.



Tap 'Next Step'.



Scan the QR code.

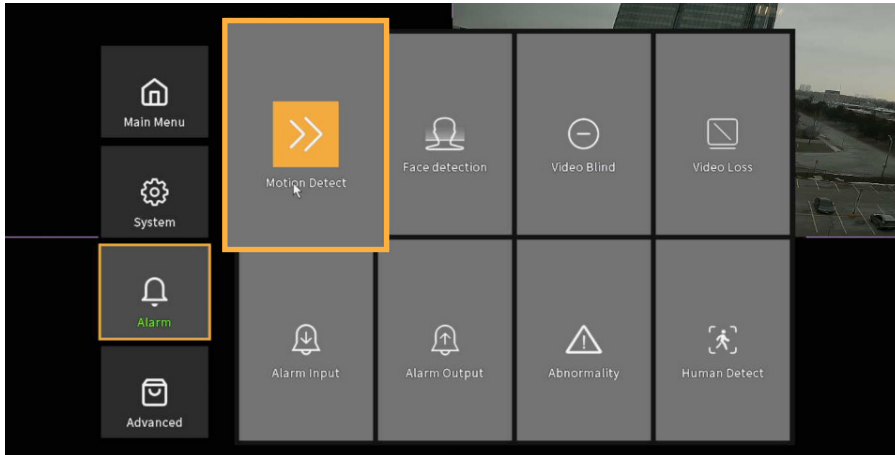


Tap 'Add Device'.

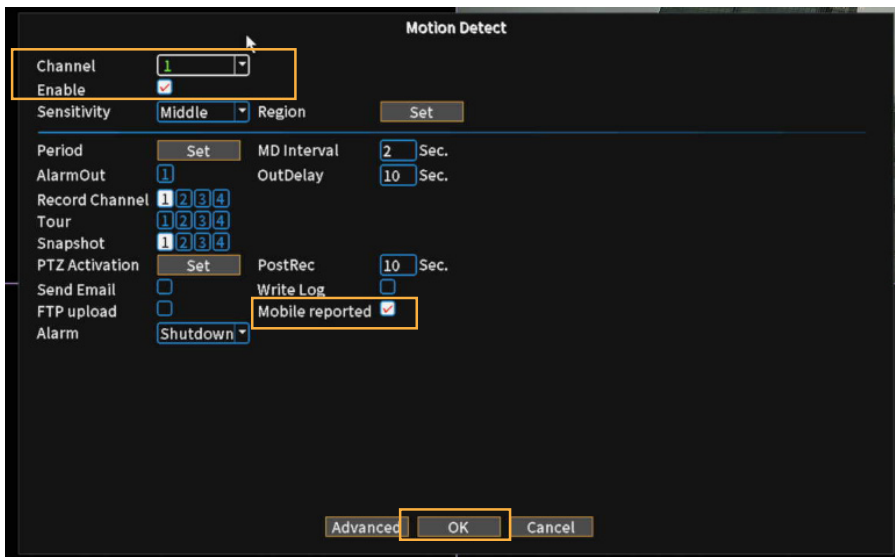
# SETTING UP NOTIFICATIONS

## MOTION DETECTION

- To access this setting, right click to view the Main menu > Select Alarm > Motion Detect

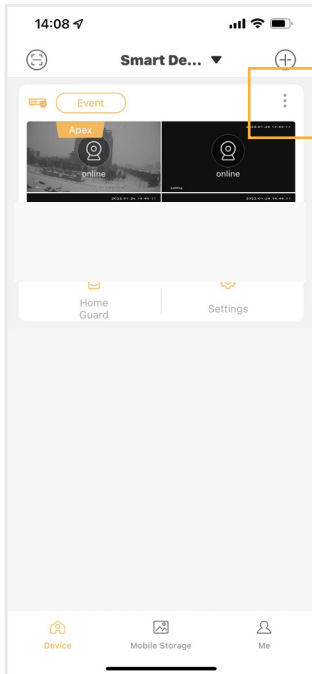


- Select the channel (camera) you wish to set/adjust motion detection settings. Or select All to adjust all cameras.
- To enable motion detection, place a checkmark in the Enable box
- To receive notifications to your App, enable Mobile Reported.
- Enable any other Motion Detection setting to your preference.
- Click **“OK”**

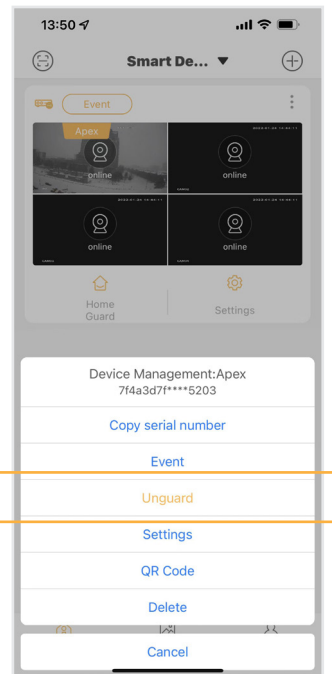


## APP SETTING FOR MOTION DETECTION

Motion Detection settings must be enabled/changed on both your DVR and App Settings.



Go to the device page and tap the three dots.



Make sure 'Unguard' is in yellow, this means the notification is turned on.

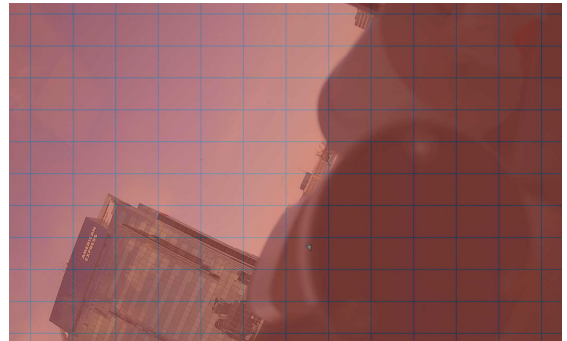
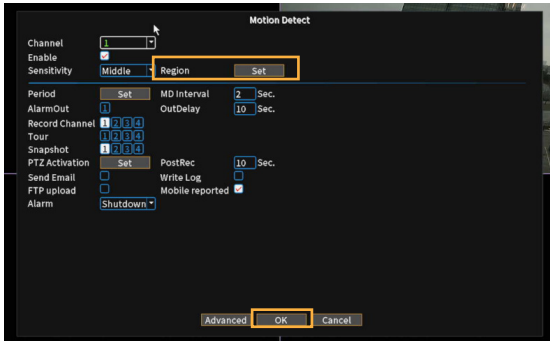
**Please note:** For Android users, the device management page is different and will read 'Alarm'

# DETECTION REGION

Please note this setting is only available when motion detection is selected.

Detection region allows your camera to notify you when motion is detected in the selected regions. If you wish to be notified of all motion in the cameras field of view, make no changes to this setting.

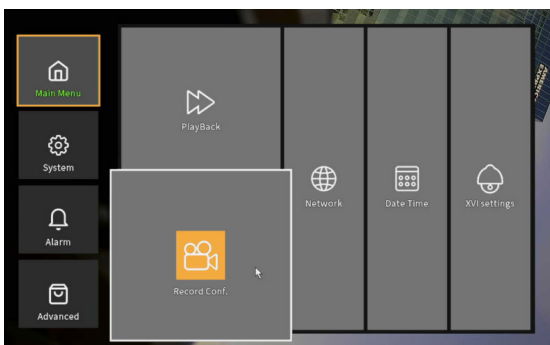
- To access this setting, right click to view the Main Menu > Select Alarm > Select Motion Detect
- Click Set Region.
- Select the motion detection region you want to trigger. Areas in red will detect motion.
- Right click to save settings and return to the previous screen.
- Click **“OK”**



# SET UP CONTINUOUS RECORDING

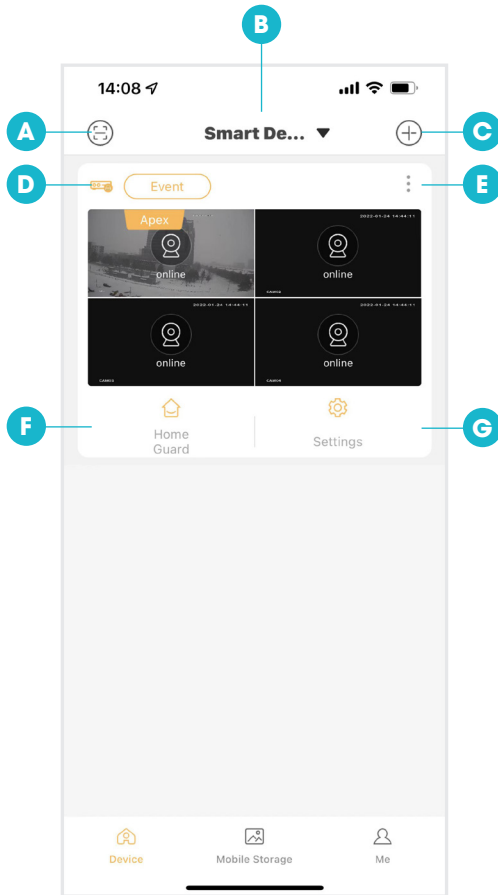
You have the option to record 24/7.

- To access this setting, right click to view the main menu > Select Record Conf
- Select the channel (camera) you wish to set up the recording or select All.
- Set up the recording schedules and check Regular/Detect/Alarm
- Click **“OK”**

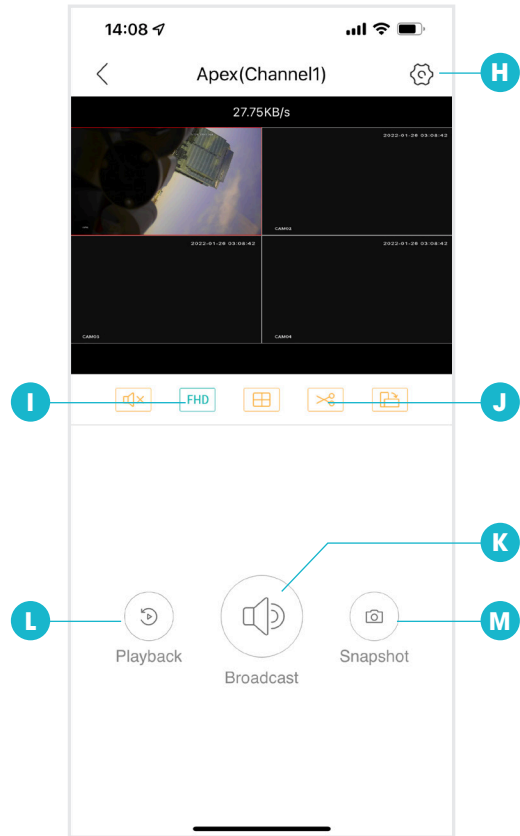


# USING THE APP

**Please Note:** App screens below are for iOS. For all Android users, the screens may be different.



HOME SCREEN



LIVE VIEW

**A** Scan QR Code

**B** Display Mode

**C** Add Device

**D** Motion Events

**E** Device Information

**F** Home Guard

**G** Settings

**H** Device Settings

**I** HD/SD

**J** Screen Recording

**K** Broadcast

**L** Playback

**M** Snapshot



Visit our website to download your manual,  
view set-up videos or contact our Support Team.

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REV101312022