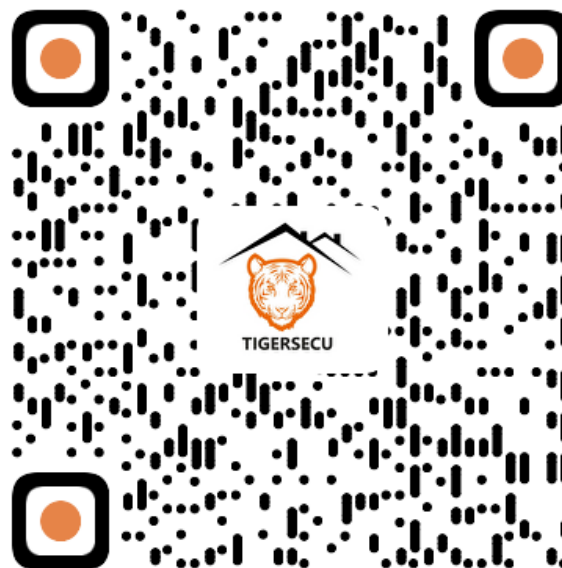




**TIGERSECU**

**Ultra HD Hybrid  
DVR Security System  
User Manual**





[https://www.tigersecu.com/tigersecu\\_xvr\\_user\\_manual.pdf](https://www.tigersecu.com/tigersecu_xvr_user_manual.pdf)

Scan the QR Code to view the latest version of the User Manual.

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# Important Safety Instructions

Thank you for purchasing this TIGERSECU Ultra HD Hybrid Digital Video Recorder.

All countries have specific laws and regulations relating to the use of security cameras. Before using any camera for any purpose, it is the user's responsibility to be aware of all applicable laws and regulations that prohibit or limit the use of cameras and to comply with the applicable laws and regulations.

## Important Safety Instructions

1. Ensure the product is connected correctly and placed in a stable location.
2. Do not operate the DVR if the wires and terminals are exposed.
3. Do not cover the vents on the side or back of the DVR. Allow adequate space for ventilation.
4. Only use the supplied power adapter(s). Use of a non-regulated, non-conforming power supply can damage this product or cause a fire and voids the warranty.
5. Unplug the power adapter before installing or replacing the hard drive.

## Default Resolution

The DVR default screen display resolution is 1280 x 1024 pixels, which is

compatible with most monitors on the market. If your monitor supports the higher resolution, go to the DVR Main Menu - Configuration and select 1920 x 1080 or 2560 x 1440 pixels to improve display clarity.

## Contact us

Thank you for purchasing this TIGERSECU Security product. If you require any assistance with your TIGERSECU product, we're here for you. Your TIGERSECU DVR is backed by a 2-year warranty and Lifetime Technical Support. For accessories like hard drive, mouse, and power adapter that are included with the DVR systems, we offer a 1-year warranty.

For technical or warranty support, please contact us via email or by calling us directly to speak with a TIGERSECU Customer Care Agent. You can also schedule a call with us.

Email Address: **[support@tigersecu.com](mailto:support@tigersecu.com)**

Phone Number: **323-315-0396**

Get in touch, and we'll do our best to respond within 12 hours, Monday to Friday, 9 am-5 pm PST. To schedule a customer support call, send us your phone number and availability, and we'll get it set up for you.

# Important Safety Instructions

## Battery Warnings:

### **WARNING**

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**.
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- A) This product contains a coin battery of type CR2032.
- B) The nominal voltage of the CR2032 battery is 3V.
- C) Non-rechargeable batteries must not be recharged.
- D) Do not force discharge, recharge, disassemble, heat above 60 °C, or incinerate. Doing so may result in injury due to venting, leakage, or explosion, resulting in chemical burns.
- E) Remove and immediately recycle or dispose of used batteries according to local regulations and keep them away from children. Do NOT dispose of batteries in household trash or incinerate them.

F) Even used batteries may cause severe injury or death.

G) Ensure the batteries are installed correctly according to polarity (+ and -).

H) Do not mix old and new batteries, different brands, or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.

I) Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.

J) Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

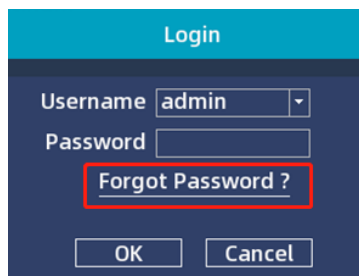
K) Call a local poison control center for treatment information if a battery is suspected to have been swallowed or inserted into any part of the body.



# FAQ

## 1. What do I do if I forget my password?

If you forget your password, click **Forgot Password** at the login screen.

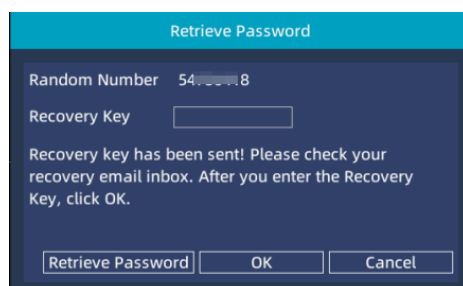


The Login screen has a blue header with the word 'Login'. Below it, there are fields for 'Username' (with a dropdown menu showing 'admin') and 'Password'. A red box highlights the 'Forgot Password ?' link below the password field. At the bottom are 'OK' and 'Cancel' buttons.

Then click **Retrieve Password**. A **Recovery Key** will be sent to your **Recovery Email**. If it's not in your recovery email inbox, check the junk or spam folder.

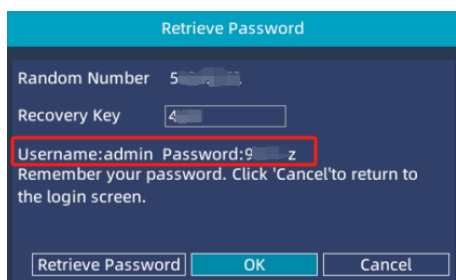


The Retrieve Password screen has a blue header. It shows a 'Random Number' (54-8) and a 'Recovery Key' field. Below is a message: 'Select "Retrieve Password" and check your Recovery Email account for the Recovery key. For further assistance, contact TIGERSEC Support at support@tigersecu.com with your Random Number.' A red box highlights the 'Retrieve Password' button at the bottom.

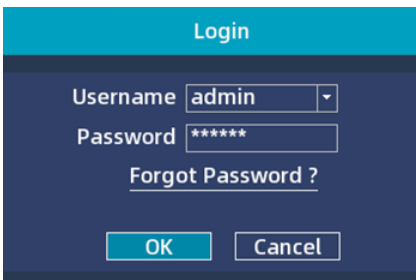


The Retrieve Password screen shows a success message: 'Recovery key has been sent! Please check your recovery email inbox. After you enter the Recovery Key, click OK.' It has 'Retrieve Password', 'OK', and 'Cancel' buttons at the bottom.

After you enter the Recovery Key, click OK and you will see the Password you created. Click Cancel and enter the password at the login screen. Then click OK.



The Retrieve Password screen shows the new password: 'Username:admin Password:9 z'. A red box highlights the password field. Below is a message: 'Remember your password. Click "Cancel" to return to the login screen.' It has 'Retrieve Password', 'OK', and 'Cancel' buttons at the bottom.

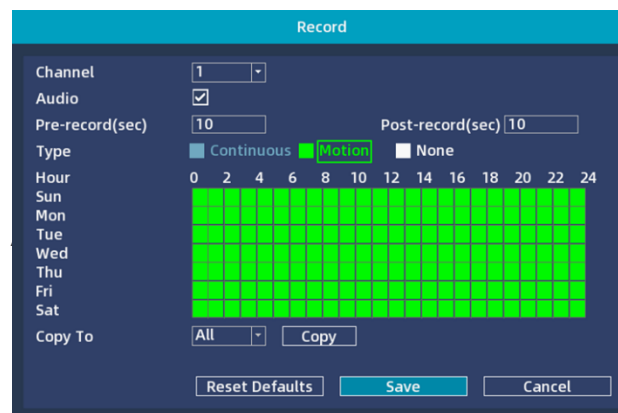


The Login screen shows the 'Username' (admin) and 'Password' (\*\*\*\*\*). The 'Forgot Password ?' link is visible. It has 'OK' and 'Cancel' buttons at the bottom.

If you haven't set up a **Recovery Email** or your DVR is not connected to a network, contact us at [support@tigersecu.com](mailto:support@tigersecu.com) with your DVR **Random Number** and your Order ID.

## 2. How do I set up motion recording on my DVR?

The DVR is set by default to record continuously. To change the time period for motion recording, go to the DVR Main Menu, Record Menu, and select Motion. Each square represents 1 hour. Using the mouse, left-click on a particular square to change or click-and-drag the mouse over the squares corresponding to your desired time period. Apply **Copy To** to copy the settings to other channels. The timetable marked in green indicates the DVR will only record when motion occurs.



The Record menu has a blue header. It shows 'Channel' (1), 'Audio' (checked), 'Pre-record(sec)' (10), and 'Post-record(sec)' (10). The 'Type' section has 'Continuous' (unchecked), 'Motion' (checked), and 'None' (unchecked). Below is a 24-hour grid with green squares indicating motion recording. At the bottom are 'Copy To' (All), 'Copy', 'Reset Defaults', 'Save', and 'Cancel' buttons.

## 3. How do I enable audio recording on my DVR?

Go to the DVR Main Menu, Record Menu, enable **Audio**. Apply **Copy To** to copy the settings to other channels.



The Record menu shows 'Channel' (1) and 'Audio' (checked). It has 'Copy To' (All), 'Copy', 'Reset Defaults', 'Save', and 'Cancel' buttons at the bottom.

# FAQ

## 4. How do I change the time zone on my DVR?

To change the time zone, follow the instructions at the **Startup-Wizard** or go to the DVR Main Menu, Configuration Menu to set up your time zone.

## 5. How do I reset my DVR to factory settings?

Go to the DVR Main Menu, Reset Menu.

The Reset function restores DVR default settings for the IP address, time, log, and user password. Reset defaults will not erase recordings.

## 6. Which hard disk drive is best for my DVR?

This DVR has a maximum hard drive storage capacity of 16TB.

We recommend WD Purple surveillance hard drives which are designed for use with security systems. TIP: Set your DVR to record only when motion is detected to help save storage space and extend your record time.

## 7. How do I unbind a mobile device from my DVR?

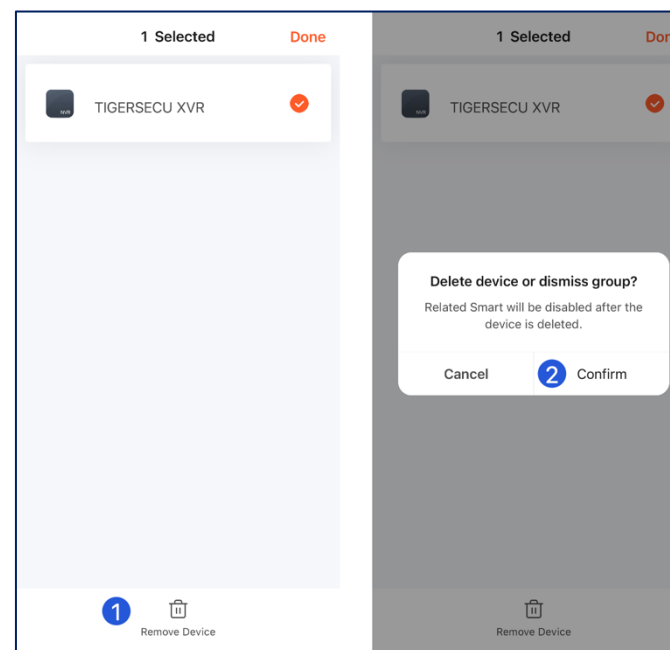


For security concerns, your DVR can only be bound with one Tuya account. However, the account owner can share access with up to 20 users on the account.

Follow the instructions below to bind a new Tuya account with the DVR.

Go to the DVR **P2P Screen**, click **Unbind**. The DVR will reboot itself. On Tuya Smart, the DVR status will switch to offline, and it will be grayed out.

- ① Open Tuya Smart on the mobile device you'd like to unbind, press-and-hold the device's name until you see **"Remove Device"**.
- ② Select **"Remove Device"** and click **Confirm**. Then you can bind the DVR with a new Tuya account.





# Installation Guide

## 8. How can I stream the DVR camera video using an RTSP URL?

① Determine the RTSP URL:

For the **Main Stream**, use the following DVR RTSP URL format:

rtsp://<DVR\_IP>:554/Ch[x]/Record

For the **Sub Stream**, use this DVR RTSP URL format:

rtsp://<DVR\_IP>:554/Ch[x]/Preview

Please be aware that it's case-sensitive. Here's an example:

Main Stream: rtsp://192.168.1.101:554/CH1/Record

Sub Stream: rtsp://192.168.1.101:554/CH1/Preview

② Choose an RTSP-compatible media player: You'll need an RTSP-compatible media player or software to view the video stream, for example, VLC media player.

③ Access the RTSP Stream: In VLC, go to Media > Stream > Network.

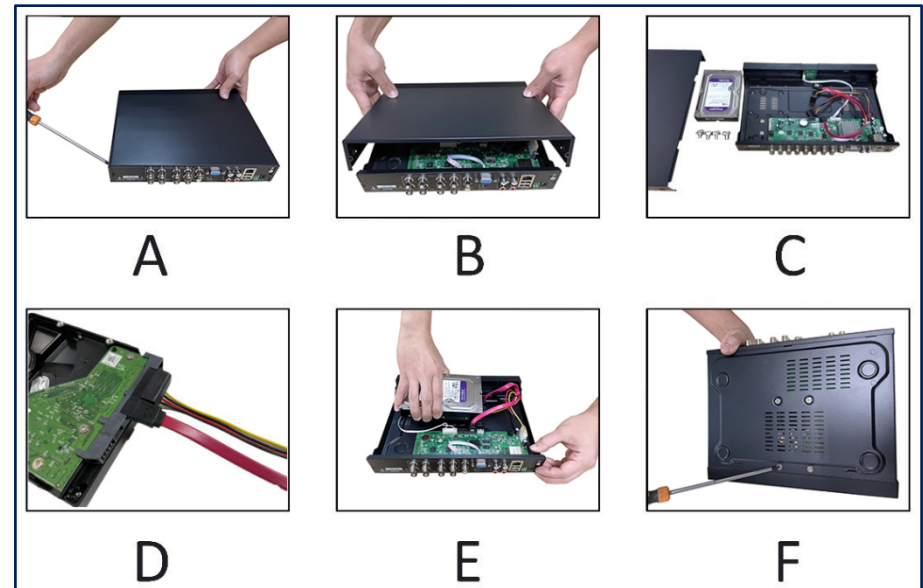
④ Enter the RTSP URL: In the dialog box that appears, enter the DVR Main Stream or Sub Stream RTSP URL, like "rtsp://192.168.1.101:554/CH1/Record".

⑤ Play the Stream: Follow the instructions inside the player, click "Stream", select "RTSP" from the New Destination drop down menu, click the "Next" and "Stream".

⑥ View the Video: Enter the DVR username and password to start viewing the live video stream from your DVR camera.

## Install/Change a Hard Drive

The following instructions are for installing or changing the hard drive, which is required to save recordings to the local DVR system. If your DVR already has a hard drive pre-installed, disregard this step.



Ensure the DVR is unplugged and removed from main power.

A) Locate the screws on the side and rear of the DVR. Use a screwdriver to remove the screws.

B) Pull up the top half of the DVR case and remove.

C) Prepare the hard drive (HDD) and four screws used to secure the HDD.

D) If you are changing a hard drive, remove the power and SATA cables from the hard drive. Replace the hard drive and plug in the power and SATA cables to

# Installation Guide

the hard drive while paying attention to the orientation of the HDD.

E) Carefully place the hard drive to match the mounting holes on the bottom and the side of the DVR case.

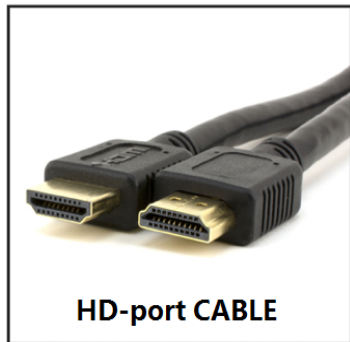
F) Screw in the hard drive to the bottom of the case. Screw in the remaining screws to the sides and back of the DVR.

G) Power on the DVR and go to the Main Menu - HDD Menu. Select Format to format the hard drive to get it ready for recording.

## Connect the DVR to a TV/Computer Monitor

\* VGA and HD-port cables are not included with the DVR.

\* A TV or desktop computer monitor is required to set up all DVR systems.



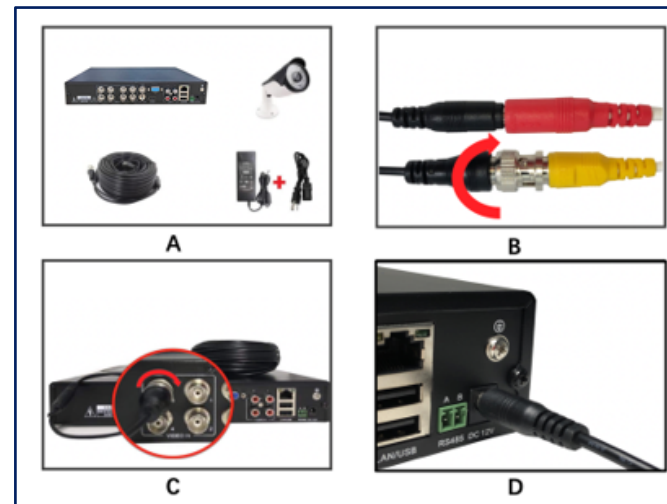
Connect your DVR to a desktop computer monitor or TV screen using a VGA or HD-port cable. The DVR's default display resolution is 1280 x 1024 pixels and will work with TV and computer monitors that support 1280 x 1024 pixels or higher resolution.

If your monitor supports a higher resolution, go to the DVR Main Menu - Configuration and select 1920 x 1080 or 2560 x 1440 pixels to improve display clarity. If your monitor doesn't support the selected resolution, the screen will appear black, and the DVR will switch back to the previous display resolution in a few seconds.

## Connect the DVR to the cameras

\* Cameras, camera power adapter, BNC video cables and power splitter are not included with the DVR.

\* Accessories are available for purchase separately at [amazon.com/tigersecu](https://amazon.com/tigersecu)



A) Prepare the DVR, camera, BNC video cable, power supply, (power splitter).

B) Connect the BNC connector and the power cable to the camera. Twist and



# Installation Guide

lock the end of the BNC video cable to secure the connection.

C) Connect the BNC video cable from your camera to the back of the DVR, as shown in the diagram above.

\* Repeat steps A to C for each camera. A power splitter can be used to streamline camera power connections.

D) Connect the DVR power supply cord to the DC port on the back of the DVR.

## Connect the DVR with a Router

The following instructions are for connecting your DVR to your router so you can view your security cameras remotely over the internet.

\* Router and ethernet cable are not included with the DVR.

\* If you only want to view the DVR locally on a TV/computer monitor, skip this step.

Prepare your DVR, router and network cable, and connect them as shown in the diagram below.



This TIGERSECU DVR also works with IP cameras. Connect your IP cameras to the same router/switch so you can add them to your DVR. When connecting third-party branded IP cameras to your TIGERSECU DVR, please contact TIGERSECU support at [support@tigersecu.com](mailto:support@tigersecu.com) to check compatibility.

Refer to page 15 for comprehensive instructions on how to add an IP camera to this DVR.

## Complete the Setup

A) Power on the DVR, monitor, and cameras.

B) Plug the wireless mouse receiver to the USB slot on the DVR back panel, insert battery into the mouse.

C) You will see TIGERSECU LOGO in a few seconds, then the Live View Screen and Startup Wizard which will guide you through the basic settings.

D) Check Chapter 2 and 3 if you want to explore all the features of the DVR.

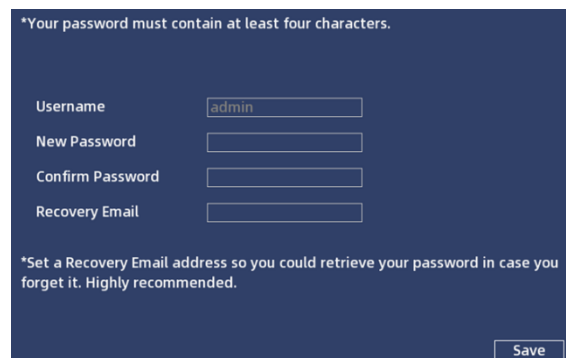
Check Chapter 4 (Page 36) if you want to check the DVR on your phone. Check Chapter 5 (Page 45) if you want to view the DVR using your PC's web browser.

# Startup Wizard

## Chapter 1. Startup Wizard

The **Startup Wizard** will begin when you first power up your DVR. The Startup Wizard will help you configure core DVR settings, including password creation, email configuration, date format, time zone, display resolution, hard drive, network settings, and remote access.

### Password



\*Your password must contain at least four characters.

Username

New Password

Confirm Password

Recovery Email

\*Set a Recovery Email address so you could retrieve your password in case you forget it. Highly recommended.

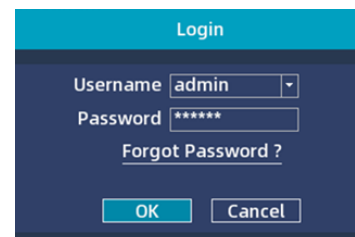
This DVR does not have a default password. A **password** and **Recovery Email** is required to be set up during the Startup Wizard.

The password must be a minimum of four characters and can contain a combination of letters and numbers. Use a password that you are familiar with but is not easily known to others.

Record your password below and store it in a secure place:

A **Recovery Email** address is required so your DVR can send the recovery key to retrieve your password in case you forget it.

Click **Save** to apply settings and proceed to the login screen. Enter the password you created and click **OK**.



Login

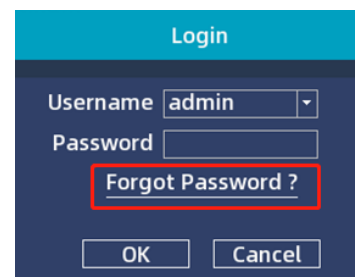
Username

Password

[Forgot Password ?](#)

### Password Recovery

If you forget your password, click **Forgot Password** at the login screen.



Login

Username

Password

**[Forgot Password ?](#)**

Then click **Retrieve Password**. A **Recovery Key** will be sent to your **Recovery Email**. If it's not in your recovery email inbox, check the junk or spam folder.



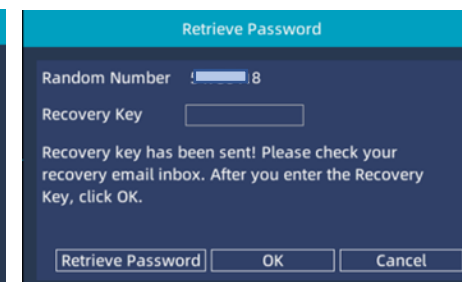
Retrieve Password

Random Number

Recovery Key

Select "Retrieve Password" and check your Recovery Email account for the Recovery key. For further assistance, contact TIGERSECU Support at support@tigersecu.com with your Random Number.

**[Retrieve Password](#)**



Retrieve Password

Random Number

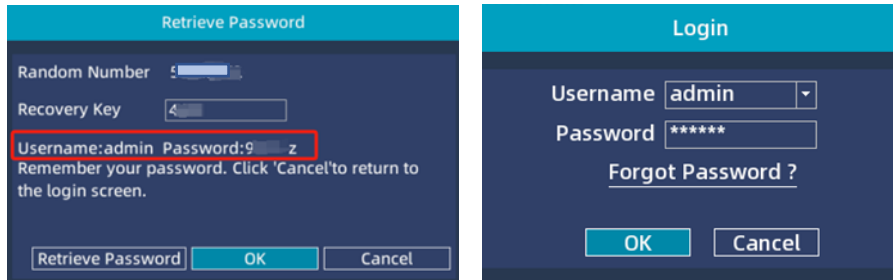
Recovery Key

Recovery key has been sent! Please check your recovery email inbox. After you enter the Recovery Key, click OK.



# Startup Wizard

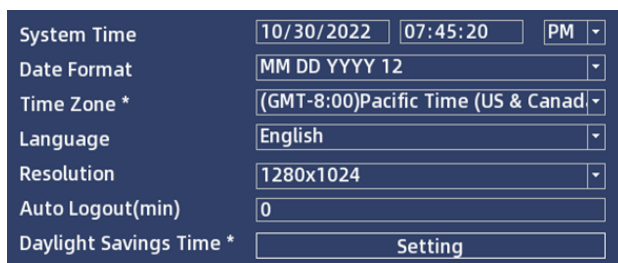
After you enter the **Recovery Key**, click OK and you will see the **Password** you created. Click **Cancel** and enter the password at the login screen. Then click OK.



If you haven't set up a **Recovery Email** or your DVR is not connected to a network, contact us at [support@tigersecu.com](mailto:support@tigersecu.com) with your DVR **Random Number** and your Order ID.

The **Startup Wizard** will appear the first time you log on to help you quickly set up the DVR.

## 1. Configure basic settings such as date format, time zone, and resolution.



When setting up your DVR system for the first time, it is highly recommended that the system date and time be set accurately. This ensures that recorded video timestamps are accurate.

The default time zone is GMT -8:00 (Pacific Standard Time). Select the time zone applicable to your region. Avoid manually changing the system's time.

**Daylight Savings Time** (DST) is enabled by default for US geolocations. Not all US regions have DST, so modify DST settings according to your local time.

At the time of this document's publication, the regions that do not have Daylight Saving Time are Hawaii, most of Arizona, Puerto Rico, the US Virgin Islands, Northern Mariana Islands, Guam, and American Samoa. Modify DST settings for your geolocations accordingly.

## 2. Format the hard drive.

At the HDD screen, select the hard drive you want to format and click **Format**. HDD Status **Free** indicates the DVR is not recording. **HDD Full**: Overwrite indicates the DVR will overwrite the previous recordings once it is full.

HDD			
Model	Capacity	Free Capacity	Status
▶ WDC WD10EJRX-89B	7452(GB)	7207(GB)	Recording
HDD Full <span>Overwrite</span>			
USB Flash Drive			
Model	Capacity	Free Capacity	Status

Your recorded video files are stored on your DVR's internal hard disk drive (HDD). Formatting the HDD deletes all saved files. We recommend that any newly installed HDD are formatted prior to recording. This ensures your DVR maintains system integrity.

If your DVR is not pre-installed with a HDD, a new HDD must be installed and formatted before it can record. TIGERSECU DVR supports up to 16TB hard drive. WD Purple surveillance hard drives are recommended.

# Startup Wizard

Ensure the DVR is powered off and the power adapter is disconnected before installing or replacing a hard drive.

## 3. Connect the DVR to your local network

Set the Network Type. DHCP (Dynamic Host Configuration Protocol) Network Type is enabled by default.

The DHCP setting allows your router to automatically assign an IP address to the DVR connected to your network. This will be required for in-network viewing.

Network Type	DHCP
Network Port	80
IP Address	192 . 168 . 21 . 108
Subnet Mask	255 . 255 . 255 . 0
Gateway	192 . 168 . 21 . 1
Primary DNS	202 . 96 . 134 . 233
Secondary DNS	202 . 96 . 128 . 166

## 4. Remote Access

Set up remote access to your DVR and view your security system remotely using a mobile device. Before proceeding, ensure you have a router (not included) and high-speed Internet access.

Connect your DVR to your internet network router using an Ethernet cable, and click NEXT.

If you plan **only** to view the DVR locally and do not wish to set up remote access, skip this section and select Exit to leave the Startup Wizard now.

Two QR codes should appear at the DVR's Tuya instructions screen.

When scanned with your mobile device, the **first QR code** will allow you to quickly access and install the Tuya Smart App to your mobile device. You may also download the free Tuya Smart App from the App Store or Google Play Store. Create an account and log into the account.

The **second QR code** is your DVR's unique QR code (a unique identification code). Your DVR's QR code, when scanned using the Tuya Smart App, will add your DVR to the Tuya Smart App and allow you to access the DVR from your mobile device.

If the second QR Code (your DVR's unique code) does not appear at the Tuya instructions screen in your DVR, click Finish to exit the screen. Connect your DVR to your internet router using an Ethernet cable and click on the QR Code in the top right corner of the DVR Live View screen to find your DVR's unique QR Code.



1. Download the "Tuya Smart" App by scanning the first QR code on the left using your mobile device. The app may also be downloaded to your mobile device by visiting the App Store or Google Play.

2. Open the "Tuya Smart" App on your mobile device, create an account, and log into the account.



3. Press "+" in the upper right corner and select "Add Device". Then, scan the second QR Code on this page by pressing the "scan" icon in the upper right corner of the Tuya Smart app.

4. Follow the instructions in the app to finish the setup. Contact TIGERSECU Support at support@tigersecu.com if you need any help.

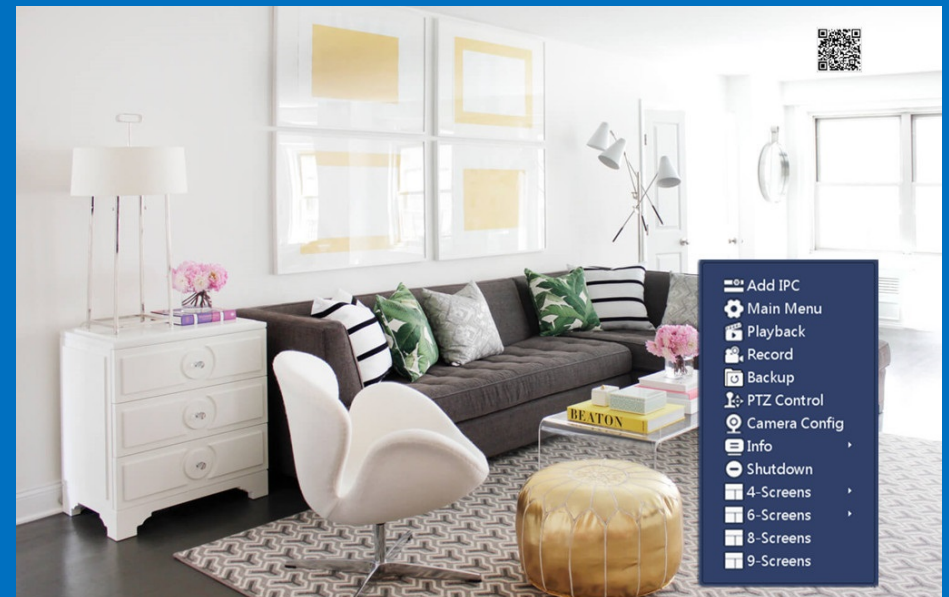
## Chapter 2: Live View Screen

**Live View** allows you to watch live video feeds from your security cameras, enabling you to monitor your property in real time.

Each camera that is connected will be displayed on-screen. You can check the status or operation of your DVR and cameras using the icons and Menu Bar on the Live View screen.

Right-click the mouse to access the Menu Bar. Select Main Menu to check the Main Menu.

Click and drag a live video channel to reposition it to a different display window if needed.













# Live View Screen: Icons

## Status Icons

These icons are used to indicate different statuses. See the table below to learn more about these icons:

Icon	Description
	This icon indicates the camera is being recorded.
	This icon indicates the DVR is detecting human motion from the camera.
	This icon indicates that your camera has detected motion from a human or moving object.
	This icon indicates that audio is enabled/disabled on the corresponding channel.
	This icon indicates that the DVR is connecting to the IP camera.
	This icon indicates that no wired camera has been added to this channel.
	This icon indicates that no IP Camera has been added to this channel.
	This icon indicates that the hard drive is not detected, or the hard drive storage is almost full.

## Menu Bar

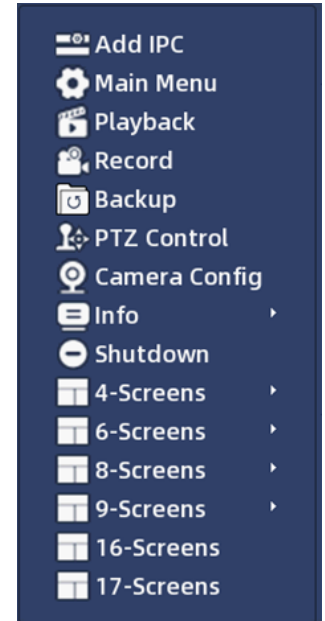
The **Menu Bar** is a handy place to change the view format of the **Live View** screen.

To access the Main Menu, right-click the mouse on the Live View screen to display the Menu Bar.

The Menu Bar is where the DVR's basic and advanced functions are configured and managed.

TIGERSECU DVR offers three modes that allow you to adapt the DVR to a combination of BNC wired cameras and IP cameras. Go to the Main Menu, Mode menu, select your preferred mode:

- For 8CH Ultra HD DVR
  - 8CH BNC Wired Camera Mode
  - 8CH BNC Wired and 8CH IP Camera Mode (default)
  - 16CH IP Camera Mode
- For 16CH Ultra HD DVR
  - 16CH BNC Wired Camera Mode
  - 16CH BNC Wired and 16CH IP Camera Mode (default)
  - 32CH IP Camera Mode



## Menu Bar: Add IPC

### Add IPC

TIGERSECU DVR Security Systems work with most of TIGERSECU branded IP cameras and provides limited compatibility with third-party branded IP cameras.

The DVR will automatically detect and add TIGERSECU's own branded IP cameras within a LAN (Local Area Network).

In the event there are multiple TIGERSECU DVRs in the LAN, uncheck the "**Auto-add Private IPC**" option and manually determine how to assign existing IP cameras to your DVRs. Choose a discovered IP camera, click on **Add** to manually add it to your DVR.

Discovered Devices

No.	Protocol	Status	IP Address	MAC Address
1	ONVIF	Not Added	192.168.1.117	001231A7B614
2	ONVIF	Not Added	192.168.1.195	0012600310CD
3	Private	Not Added	192.168.1.202	0049838E2039

Auto-add Private IPC ☒

Refresh Add Add All Modify IP Adaptive Bitrate ☒

Added Devices Remaining bandwidth: 17(Mbps)

Channel	Protocol	Status	MAC Address	Port	Username
9	Private	Connected	0049838E2035	6101	Admin
10	Private	Connected	0049838DF1F8	6101	Admin
11	Private	Connected	0049838E2031	6101	Admin
12	Private	Connected	0049838DF208	6101	Admin
13	Private	Connected	0049838E201E	6101	Admin

Delete Delete All Modify RTSP Add

Third-party branded IP cameras can also be detected within a LAN but need to

be added manually. Choose a discovered camera, click on **Add**, confirm the camera information (Local Channel, IP Address, Port, Protocol, Username and Password), then click on **Save** to add it to your DVR.

Local Channel 1

IP Address 192.168.1.195

Port 8899

Protocol ONVIF

Username admin

Password \*\*\*\*

Confirm Password \*\*\*\*

When connecting third-party branded IP cameras to your TIGERSECU DVR, please contact TIGERSECU support at [support@tigersecu.com](mailto:support@tigersecu.com) to check compatibility.

Ensure the third-party branded IP camera's network type is set to DHCP. If the IP camera's network type is Static IP, the DVR may not be able to discover it.

To add an IP camera to this DVR with the IP camera's RTSP URL, click the "**RTSP Add**" button.

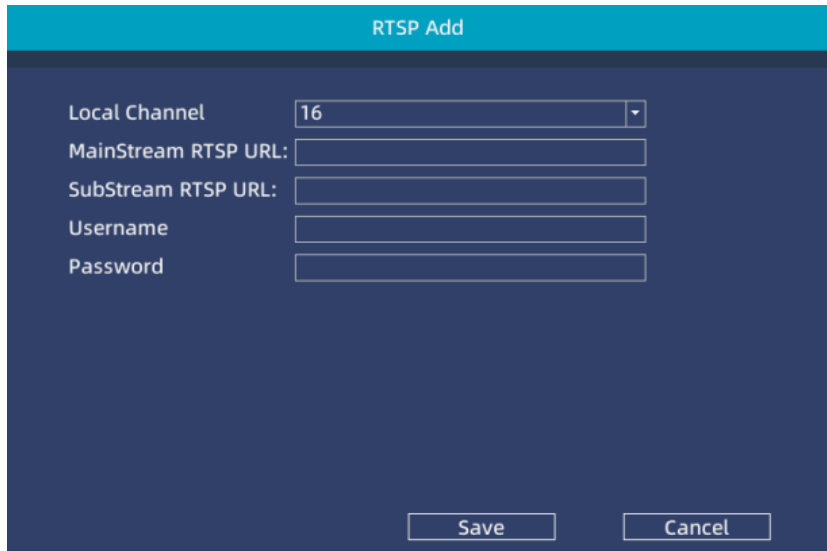
Added Devices Remaining bandwidth: 17(Mbps)

Channel	Protocol	Status	MAC Address	Port	Username
9	Private	Connected	0049838E2035	6101	Admin
10	Private	Connected	0049838DF1F8	6101	Admin
11	Private	Connected	0049838E2031	6101	Admin
12	Private	Connected	0049838DF208	6101	Admin
13	Private	Connected	0049838E201E	6101	Admin

Delete Delete All Modify RTSP Add

## Menu Bar: Playback

Choose the **Channel** to which you want to add the IP camera. Enter the **Main Stream RTSP URL**, **Sub Stream RTSP URL**, **Username**, and **Password** for the IP camera. Then, click the '**Save**' button. The IP camera will connect to the DVR within seconds.



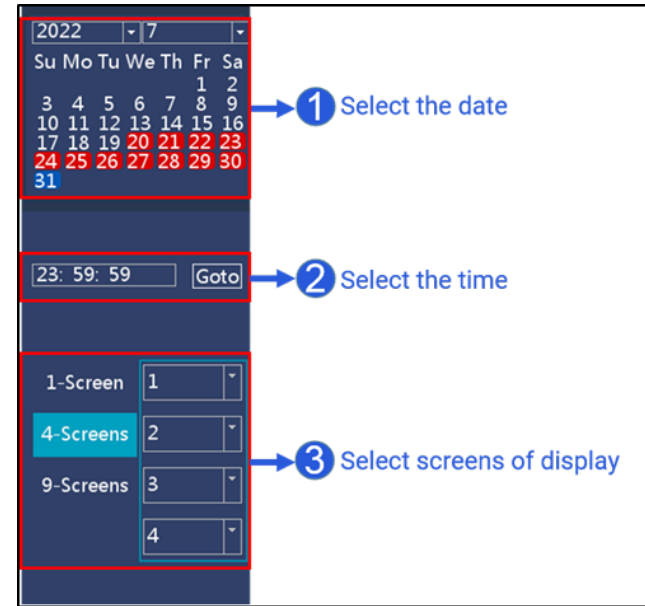
The screenshot shows the 'RTSP Add' dialog box. It has a title bar 'RTSP Add' in a blue header. Below the header, there are four input fields: 'Local Channel' with a dropdown menu showing '16', 'MainStream RTSP URL:', 'SubStream RTSP URL:', 'Username', and 'Password'. At the bottom, there are two buttons: 'Save' and 'Cancel'.

### Main Menu

See Chapter 3 (page 23) for detailed instructions.

### Playback

At the Playback Menu, you can review previously recorded videos and save important events to an external USB flash drive to view on your computer.

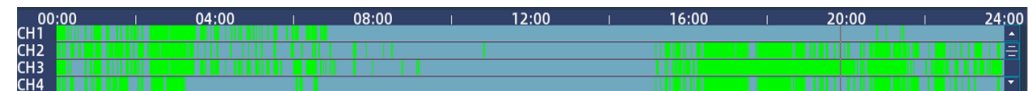


The screenshot shows the Playback Menu interface. It has a date selector at the top showing '2022' and '7' (July). Below the date selector is a calendar grid. A red box highlights the date '21' with the annotation '1 Select the date'. Below the calendar is a time selector showing '23: 59: 59' and a 'Goto' button. A red box highlights the time selector with the annotation '2 Select the time'. Below the time selector are four dropdown menus for '1-Screen', '4-Screens', '9-Screens', and '4'. A red box highlights the '4-Screens' dropdown with the annotation '3 Select screens of display'.

The **Playback** function allows you to search for and play previously recorded videos that are stored on your DVR's hard drive.

In the Playback Menu, select the year, month, dates, and time you would like to search on and display for playback. (The date marked in red indicates there is recording on that date.) Click **Goto** to initiate the search.

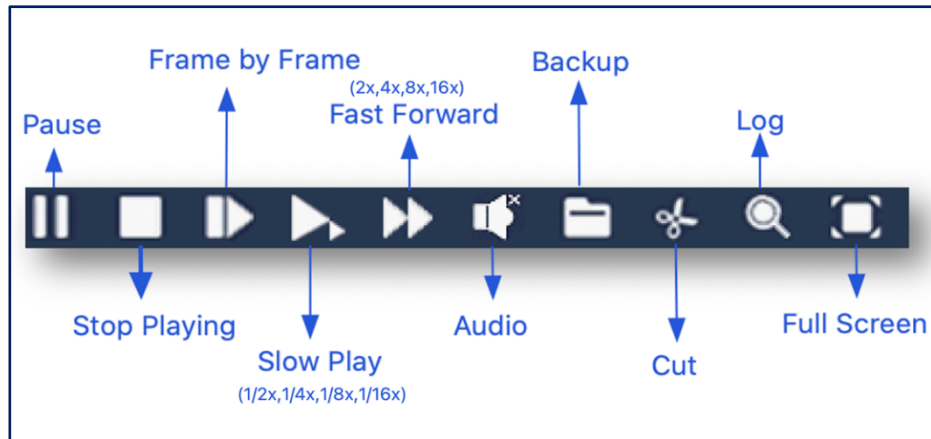
The playback progress region shows the time period with recordings.



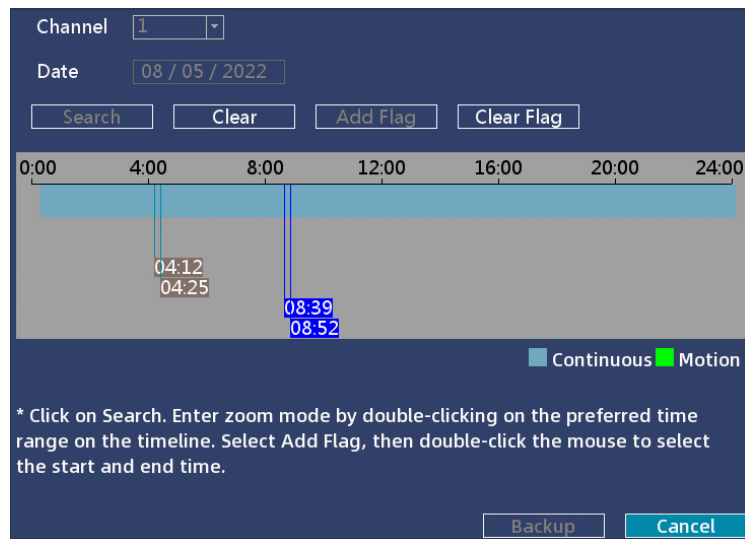
Move your cursor into the playback progress region, scroll up and down your mouse to zoom in and out for more precise control.



## Menu Bar: PTZ Control



Click **Cut** to save a video clip.



Select **channel** and **date**, then Click on **Search**. Enter zoom mode by double-clicking on the preferred time range on the timeline. Select **Add Flag**, then double-click the mouse to select the start and end time.

Insert a USB flash drive to the USB slot on the back of the DVR and click **Backup**. Wait until the Backup is completed. Then, you may remove the USB drive and play the .avi files on your computer.

If your Windows Media Player is unable to play .avi files, try another media player such as [VLC Media Player](#).

### Record

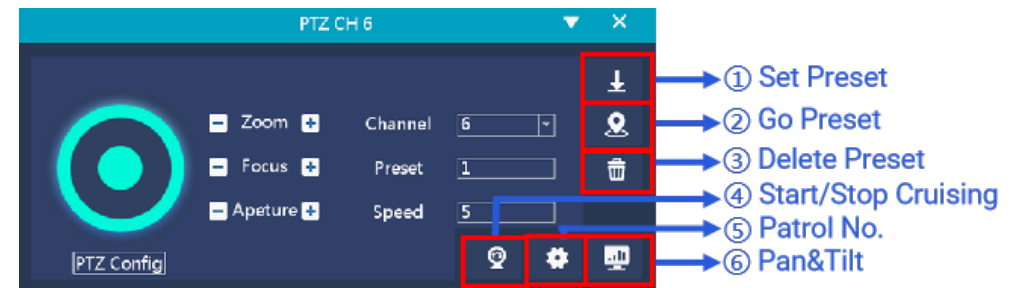
See page 25 for detailed instructions.

### Backup

See page 26 for detailed instructions.

### PTZ Control

This DVR supports RS485, UTC and some IP PTZ cameras. A camera's Pan-Tilt-Zoom and touring functions can be set up on this page if you have added PTZ cameras to your DVR.



A) Select the **PTZ Config** to set up the Type, Protocol, and Baud Rate for your PTZ camera.

Supported PTZ types: RS-485, IP PTZ, UTC Zoom and UTC PTZ.

## Menu Bar: Camera Config

Supported PTZ protocols: NEXTCHIP, PANASONIC, PELCO-D, and PELCO-P.

Supported PTZ baud rates: 1200, 2400, 4800, and 9600.

PTZ Device

Channel: 1

Type: RS-485

Protocol: PELCO-D

Address: 1

Baud Rate: 2400

B) Adjust the view of that camera to the preset location that you would like to define, then click **Set Preset** to enable the preset location.

C) Select **Patrol No.** to add the presets for touring, click **Save**. Then, go back to the PTZ control interface, click **Start Touring**.

Patrol No.

Preset: 4

Duration(s): 3

Add Delete

No.	Preset	Duration(s)
1	1	3
2	2	3
3	3	3

Save Cancel

Prior to connecting third-party branded PTZ cameras to your TIGERSECUR DVR, please contact TIGERSECUR support at [support@tigersecu.com](mailto:support@tigersecu.com) to check compatibility.

## Camera Config

The DVR provides different configuration options for **BNC wired cameras**, **TIGERSECUR private IP cameras** and **third-party branded IP cameras**.

- **BNC Wired cameras**

You can configure image quality settings on this camera configure screen.

**Horizontal Flip** and **Vertical Flip** settings flip a camera's image horizontally or vertically.

Brightness: 128

Contrast: 128

Saturation: 128

Vertical Flip ☐

Horizontal Flip ☐

- **TIGERSECUR private IP cameras**

IP camera configuration options are available in the Camera Config selection accessible from the Menu Bar.

Default settings will work for most users. However, if you'd like to customize your camera settings, access the Camera Config menu on this screen.

Image:

You can configure image quality settings on the **Image** screen.

## Menu Bar: Camera Config

Image	Live View	Encode	Other	Maintenance
Brightness	<input type="range"/>	128	Power Frequency	60Hz
Contrast	<input type="range"/>	128	Horizontal Flip	Disable
Saturation	<input type="range"/>	128	Vertical Flip	Disable
Sharpness	<input type="range"/>	128	BLC	Disable
			Defogging	Enable
			Digital WDR	Enable
			WDR Strength	<input type="range"/> 0

**Horizontal** and **Vertical Flip** settings flip a camera's image horizontally or vertically.

**BLC** (Back Light Compensation) improves the exposure of an object in front of a light source. It does this by splitting the whole image into different regions and applying separate exposure levels to those regions. It corrects areas with too high or low levels of light to maintain a normal and usable level of light for the object in focus.

**Defogging** improves a camera's image performance in light foggy conditions. When **Defogging** is enabled (default), the IP camera will automatically adjust its settings to help combat fog.

**Digital WDR** (Wide Dynamic Range) refers to high-dynamic-range imaging, which improves image clarity in high-contrast lighting, revealing details in extremely bright and dark areas of the image. For example, if your camera faces a doorway, the bright light from outdoors can wash out the image, making it difficult to see events both inside the room and outdoors.

With WDR enabled, the brightest and the darkest parts of the image become balanced, allowing you to see objects clearly.

### - Live View

On the **Live View** screen, configure your IP Camera's Display information.

Image	Live View	Encode	Other	Maintenance
Camera Title	Enable			
Title Position	Upper left			
Camera Name	CH1			
Font Size	1			
Time Title	Enable			
Time Position	Upper left			

### - Encode

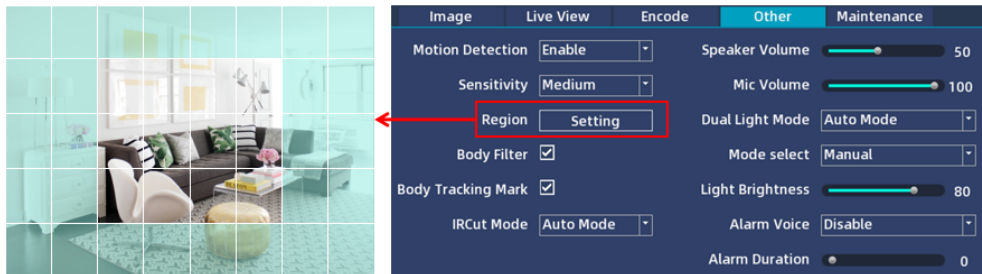
The Encode Config page shows parameters of the **Main Stream** and **Sub Stream**.

Image	Live View	Encode	Other	Maintenance
		Main Stream	Sub Stream	
Coding Mode		H265+	H264	
Resolution		2880x1620	640x360	
Bitrate Control		VBR	VBR	
Bitrate Rate(kbps)		2816	512	
Frame Rate(FPS)		20	20	

## Menu Bar: Camera Config

### - Other

When your cameras detect motion, your DVR will alert you of a potential threat at your home. It does this by sending an alert to your mobile device or email if this is set up. Customize motion detection settings in the **Other** screen.



**Sensitivity** allows you to change the sensitivity level. The higher the level, the more sensitive your DVR will be when detecting motion. For most instances, the default selection will be suitable. However, it's recommended to conduct a test to see if the sensitivity level is correct for the camera's location.

**Region** setting allows you to change the motion detection area. As a default, the entire view of the camera is enabled for motion detection. However, you can select certain areas if you wish. The area covered by the blue grid will detect and notify you when motion is triggered in that area.

To delete a motion detection area, press and hold the left mouse button, click and drag to select the area you want to delete, and release the mouse.

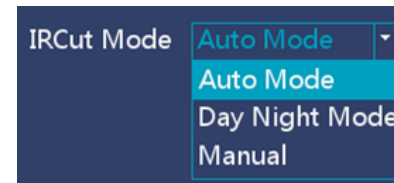
To create a new motion detection area, select the square that you want to start at. Press and hold the left mouse button, click and drag to select the area you want to create, and then release the mouse.

Motion detection will be disabled for areas of the image outside of the blue grid.

Disabling motion detection in certain areas of the image effectively eliminates unwanted recordings and notifications caused by frequent movements like trees blowing in the wind or regular traffic.

**Body Filter** allows you to detect the presence of human beings. Human body detection enabled by default for IP cameras. However, you can disable this feature if you want the system to detect all motion (such as moving cars).

**IRCut Mode** allows you to set the camera's day and night mode.

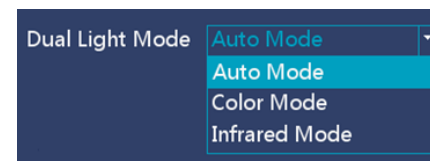


**Auto Mode:** IP Camera will automatically switch between day and night modes based on ambient light levels.

**Day Night Mode:** IP Camera will automatically switch between day and night modes as scheduled.

**Manual:** Switch the IP camera's day and night modes manually.

**Dual Light Mode** allows you to set whether your IP camera image displays in color mode or black and white mode during low-light conditions.





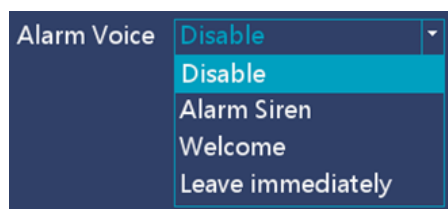
## Menu Bar: Camera Config

**Auto Mode:** IP camera displays a black-and-white image during low-light conditions, usually during the night. Camera automatically switches to color when it detects motion.

**Color Mode:** IP camera shows a color image during the night.

**Infrared Mode:** IP camera displays a black-and-white image during the night.

**Alarm Voice** allows you to set the camera to sound a siren or voice alarm to intruders when motion is detected.



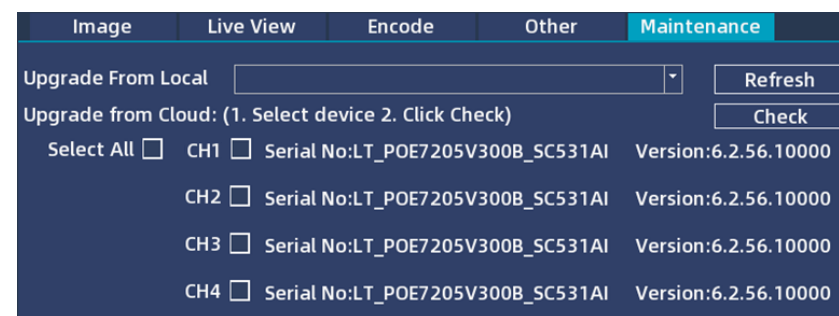
Our IP cameras contain a built-in siren that can be set up to sound automatically until an intruder leaves your home. In addition, the voice alert allows standard messages such as "Welcome" and "Leave immediately" to sound when motion or human motion is detected.

Siren/voice alerts are **disabled by default** and can be easily enabled for each IP camera.

### - Maintenance

TIGERSECU IP cameras receive firmware updates to ensure they have the most current functionality, which may contain added features or assist with mobile device compatibility.

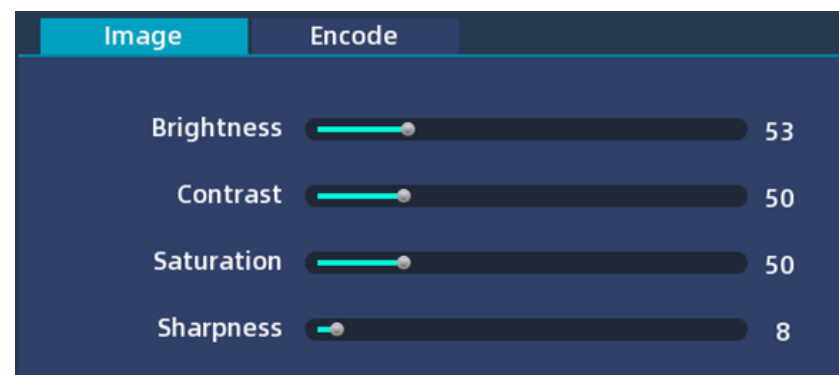
Perform camera firmware updates at the **Maintenance** screen. Select the appropriate channel(s), then click **Check** to get the latest firmware version.



### • Third-party branded IP cameras

#### - Image

You can configure image quality settings on the **Image Settings** screen.



## Menu Bar: Info (Log) and Shutdown

- Encode

The Encode Config page shows parameters of the **Main Stream** and **Sub Stream**.

	Main Stream	Sub Stream
Coding Mode	H265+	H265+
Resolution	1920x1080	1920x1080
Bitrate Control	VBR	VBR
Quality	Lowest	Lowest
Bitrate Rate(kbps)	2500	2500
Frame Rate(FPS)	20	20

### Info (Log)

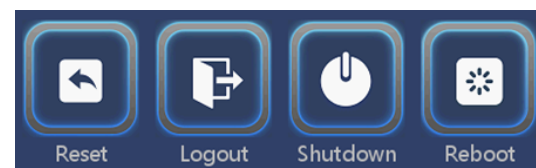
The **Log** retains a record of each action that your DVR performs as well as events detected. These log files can be searched, viewed, and copied to an external USB flash drive for safekeeping.

No.	Log Time	User	Log
17	2022-08-15 19:25:58	system	Video signal loss(CH2)
18	2022-08-15 19:26:00	system	Video OK(CH2)
19	2022-08-15 19:36:49	system	Video signal loss(CH1)
20	2022-08-15 19:36:50	system	Video OK(CH1)
21	2022-08-15 19:43:35	system	Video signal loss(CH2)
22	2022-08-15 19:43:35	system	Video signal loss(CH3)
23	2022-08-15 19:43:35	system	Video signal loss(CH4)
24	2022-08-15 19:43:35	system	Start Body Detection(CH3)

Enter a specific **Start** and **End Time** that you would like to search and select a specific **Type** of action that you would like to search. Click **Backup** to copy the log files to a USB flash drive. (\* Up to 10,000 rows of logs are displayed at once.)

### Shutdown

Access the Shutdown menu to reset the DVR to factory settings, log out of the system, restart, or safely turn off your DVR.



When resetting your DVR, select All or partial settings, and click OK to reset defaults.

**Reset Defaults**

Choose to reset defaults

☒ Select All

☒ IP Address ☒ User Password

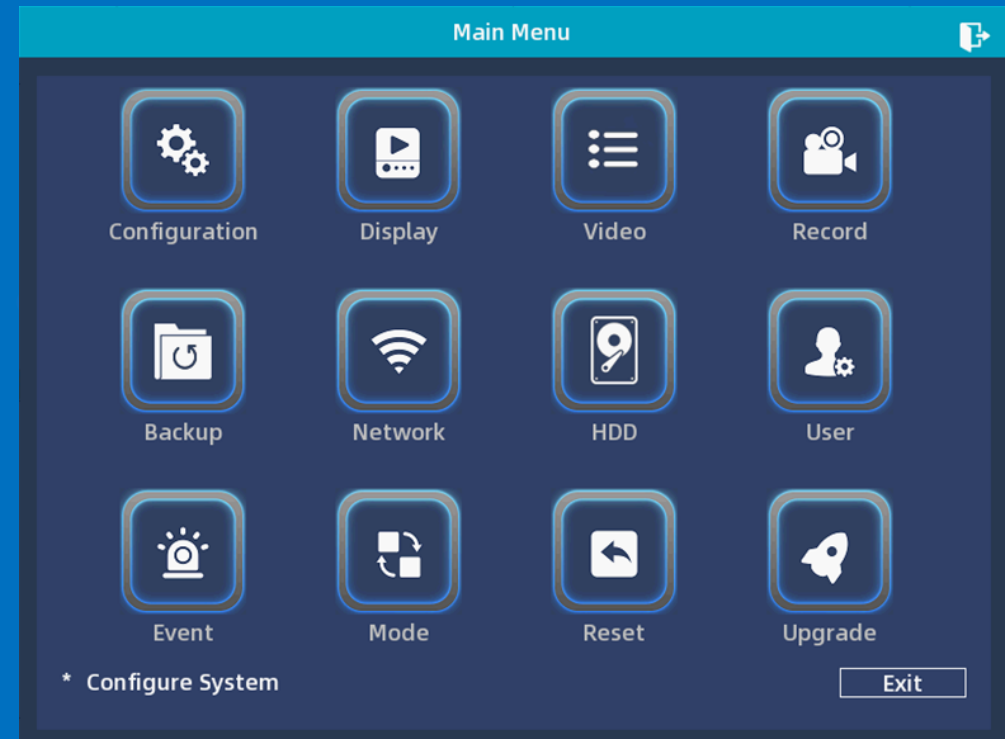
☒ Time ☒ Other

☒ Log

OK Cancel

## Chapter 3: Main Menu

The **Main Menu** is where you control the primary functions of the DVR, including time configuration, display, video, mode, and record settings, back up recorded video, network settings, motion detection settings, hard drive settings, and firmware upgrades.



# Main Menu

## Configuration

If you've followed the startup wizard to set up the system configuration, skip this step and go to **Display**.

System Time	11/01/2022	12:03:00	AM
Date Format	MM DD YYYY 12		
Time Zone	(GMT-8:00)Pacific Time (US & Canad		
Language	English		
Resolution	1280x1024		
Video Standard	NTSC		
Auto Logout(min)	0		
Daylight Savings Time	Setting		
NTP	Setting		
Startup Wizard	<input checked="" type="checkbox"/>		

Configure basic settings such as the date format, time format, time zone, and system resolution.

Select the **Time Zone** applicable to your region. Avoid manually changing the system's time.

**Daylight Savings Time** (DST) is enabled by default for US geolocations. Not all US regions have DST, so modify DST settings according to your local time.

At the time of this document's publication, the regions that do not have Daylight Saving Time are Hawaii, most of Arizona, Puerto Rico, the US Virgin Islands, Northern Mariana Islands, Guam, and American Samoa. Modify DST settings for your geolocations accordingly.

Uncheck **Startup Wizard** if you don't want to see it again after system rebooting.

## Display

### 1. Display

Configure each channel's **Name** and **Display** information, such as the display color of **Time** and **Channel Title**.

Display	Sequence
Channel Name	Setting
Time Title	<input checked="" type="checkbox"/> WHITE
Channel Title	<input checked="" type="checkbox"/> WHITE
Record Status	<input checked="" type="checkbox"/>
Event Status	<input checked="" type="checkbox"/>

### 2. Sequence

In Sequence Mode, your DVR will automatically cycle through the Live View of connected cameras every few seconds. You can configure the duration(s) of the cycle and set the DVR to cycle through one channel or a group of channels at a time.

Display	Sequence
Enable	<input checked="" type="checkbox"/> Duration(s) 5
Sequence	Channel
1	1,2,3,4
2	5,6
3	7,8
4	
Add	Delete
Move up	Move down
Event Sequence :	
Event Duration(s)	5
Return after finish	<input checked="" type="checkbox"/>




# Main Menu

Select **Enable** to activate Sequence Mode. Choose **Add** to add the specific channel(s). Use **Move up/Move down** to adjust the channel sequence. You can also set up Event Tour, which allows the DVR to run auto-sequence if an event occurs.

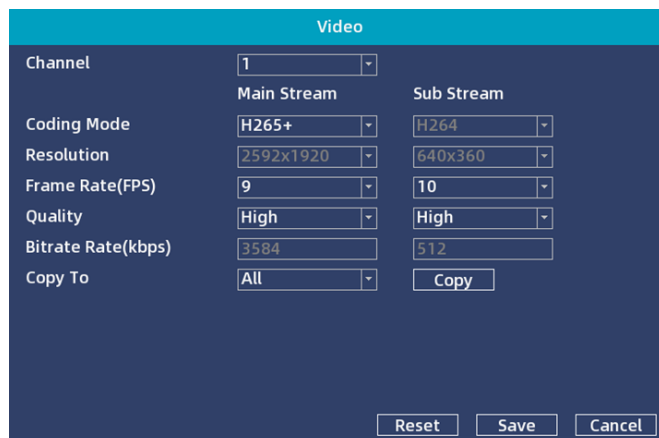
In **Duration(s)**, enter the number of seconds (from 1-120) each channel or group of channels is displayed before cycling to the next channel or group of channels.

Event Auto Sequence: The system will run the auto sequence when an event is detected. Go to Main Menu, Event Menu to add the specific channel(s).

Auto-sequence mode is enabled when the auto-sequence icon  appears.

To exit auto-sequence viewing mode, click on the auto-sequence icon. The lock icon  will appear, signaling that auto-sequence has stopped. Click on the lock icon to start auto-sequence again.

## Video



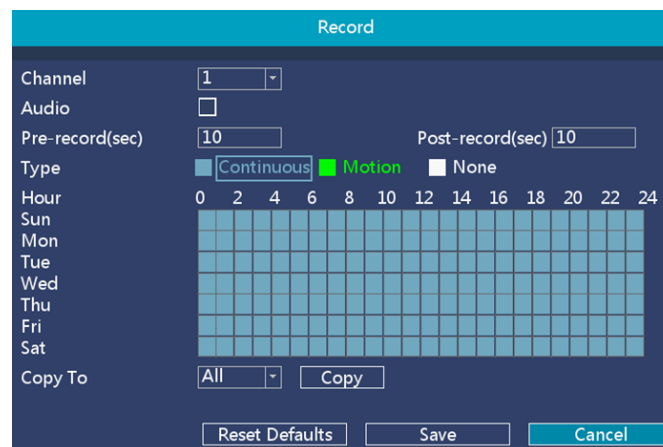
Video		
Channel	1	
	Main Stream	Sub Stream
Coding Mode	H265+	H264
Resolution	2592x1920	640x360
Frame Rate(FPS)	9	10
Quality	High	High
Bitrate Rate(kbps)	3584	512
Copy To	All	Copy
<div>Reset Save Cancel</div>		

From the **Video** menu, you may set the parameters of the **Main Stream** and **Sub Stream** for each channel.

There are three **Quality** levels (High, Medium, Low). You may choose a suitable recording quality based on the hard drive's capacity. You may also choose **Custom** to set up the Main Stream and Sub Stream yourself.

A higher **Quality** level means higher bit rate and frame rate and consumes more storage on your hard drive.

## Record



Record	
Channel	1
Audio	<input type="checkbox"/>
Pre-record(sec)	10
Post-record(sec)	10
Type	<input checked="" type="checkbox"/> Continuous <input checked="" type="checkbox"/> Motion <input type="checkbox"/> None
Hour	0 2 4 6 8 10 12 14 16 18 20 22 24
Sun	
Mon	
Tue	
Wed	
Thu	
Fri	
Sat	
Copy To	All Copy
<div>Reset Defaults Save Cancel</div>	

Audio recording is disabled by default. Select **"Audio"** to enable the feature and click **Save**.

**Pre-record(s)** allows your DVR to record for a number of seconds before an event occurs (such as motion or video loss). **Post-record(s)** instructs your DVR to record for a set period of time after an event has occurred.

# Main Menu

The DVR can be set to record continuously (**Continuous**) or only when a motion (**Motion**) has been detected from one or more cameras.

By default, a continuous recording schedule has been enabled for each camera connected to the DVR. However, you can change the schedule to suit your needs. The schedule is presented as 24-hour 7 days a week grid and color-coded to represent the recording type.

Each square represents 1 hour. Using the mouse, select the desired recording **Type (Continuous or Motion)**. Then, left click and drag the mouse over the squares corresponding to your desired time period. Select **None** and apply the same steps if you want to stop recording during a particular time.

Apply **Copy To** to copy the settings to other channels.

The timetable marked in blue means the DVR will record continuously (default). The timetable marked in green indicates the DVR will only record when a motion occurs.

\*Note: the TIGERSEC Private IP camera is set by default to detect human body motion. If you want a channel to detect motion (such as a moving car), set the channel to full screen on the Live View screen, go to the menu bar, select Camera Config, Other, uncheck Body Filter, and click Apply to save changes.

## Backup

This function can be used to search and copy video recordings to an external USB flash drive.

Channel	1	Type	All
Start Time	10/26/2022	00:00:00	Search
End Time		20:01:32	Clear

<input type="checkbox"/>	All	File Name	Size
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

USB Free Space :  
Space Required :  
Backup Cancel

Insert a USB flash drive to the USB slot on the back of the DVR to back up your files.

Search for recordings by selecting the **Channel** you would like to search, recording **Type**, **Start Time**, and **End Time**. Click on **Search** to display a list of video clips that match your search criteria. Click the checkbox next to each recording to select files individually or select **All** to choose all files at once.

If you want to clear search results and start over, click **Clear**.

**USB Free Space** indicates the amount of free space available on your USB flash drive. Compare it with the **Space required** and ensure enough USB space is left to complete the backup.

# Main Menu

Channel: 1, Type: All, Start Time: 10/26/2022 00:00:00, End Time: 20:01:32, Search, Clear

<input type="checkbox"/>	All	File Name	Size
<input checked="" type="checkbox"/>	CH 1	2022-10-26 00:00:05 - 00:21:18	112M
<input checked="" type="checkbox"/>	CH 1	2022-10-26 00:21:21 - 00:51:20	159M
<input type="checkbox"/>	CH 1	2022-10-26 00:51:20 - 01:21:20	156M
<input type="checkbox"/>	CH 1	2022-10-26 01:21:20 - 01:33:36	67M
<input type="checkbox"/>	CH 1	2022-10-26 01:33:37 - 02:03:38	330M
<input type="checkbox"/>	CH 1	2022-10-26 02:03:38 - 02:33:38	359M
<input type="checkbox"/>	CH 1	2022-10-26 02:33:38 - 02:45:56	141M
<input type="checkbox"/>	CH 1	2022-10-26 02:45:57 - 03:15:58	227M

USB Free Space : 7(GB)  
Space Required : 271M

Backup Cancel

Click on **Backup** to copy selected video clips. Wait for the backup to complete before removing the USB flash drive. Then, you may remove the USB drive and play the .avi files on your computer.

If your Windows Media Player is unable to play .avi files, try another media player such as [VLC Media Player](#).

## Network

Configure basic network settings at the **Network** menu. At this screen, select whether you would like an IP address automatically assigned to your DVR system by the router using **DHCP** (Dynamic Host Configuration Protocol) or manually assigned a **Static IP** address.

**DHCP** is the default network setting as it allows your router to automatically assign an IP address to the DVR connected to it.

Network Type: DHCP  
IP Address: 192.168.21.108  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.21.1  
Primary DNS: 202.96.134.233  
Secondary DNS: 202.96.128.166  
HTTP Port: 80  
Email: Setting  
P2P: Setting  
Advanced: Setting

### 1. Set up Email Alerts

**Email** alerts provide peace of mind when you're away from your security system.

By setting up email alerts, your system will alert you by email when motion is detected.

Network Type: DHCP  
IP Address: 192.168.21.108  
Subnet Mask: 255.255.255.0  
Gateway: 192.168.21.1  
Primary DNS: 202.96.134.233  
Secondary DNS: 202.96.128.166  
HTTP Port: 80  
Email: Setting  
P2P: Setting  
Advanced: Setting

SMTP Server: smtp.domain.com  
Port: 587  
SSL: ☒  
Device Name: NVR  
Sender:   
Password:   
Receiver1:   
Receiver2:   
Receiver3:

Fill in the **SMTP Server**, **Port**, **SSL**, **Device Name**, **Sender**, **Password**, and **Receiver** information as outlined below for your mailing server SMTP.

Gmail and Yahoo settings require an **App Password**, a **16-digit passcode** that gives the DVR system permission to access your Email Account. This 16-digit

# Main Menu

passcode is separate to your email password.

	Gmail	Yahoo Mail	Hotmail
SMTP Server	smtp.gmail.com	smtp.mail.yahoo.com	smtp.live.com
Port	587		
SSL	√		
Device Name	DVR		
Sender	Email address that sends the alerts.		
Password	* 16-digital App password (Don't enter any spaces between 4 sets of numbers)		Sender's email password
Receiver	Email address that receives the alerts.		

Follow the instructions below to generate an **App Password** for Gmail or Yahoo.

## To generate an App Password for Gmail:

Step 1. Turn on 2-Step verification.

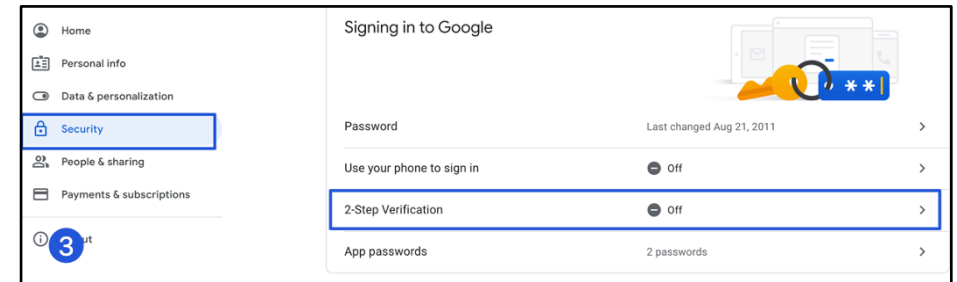
① Open your web browser, visit the link below and choose **Go to Google**

**Account** in the upper right corner to log into your Google Account.

<https://myaccount.google.com/>

② In the navigation panel, select Security.

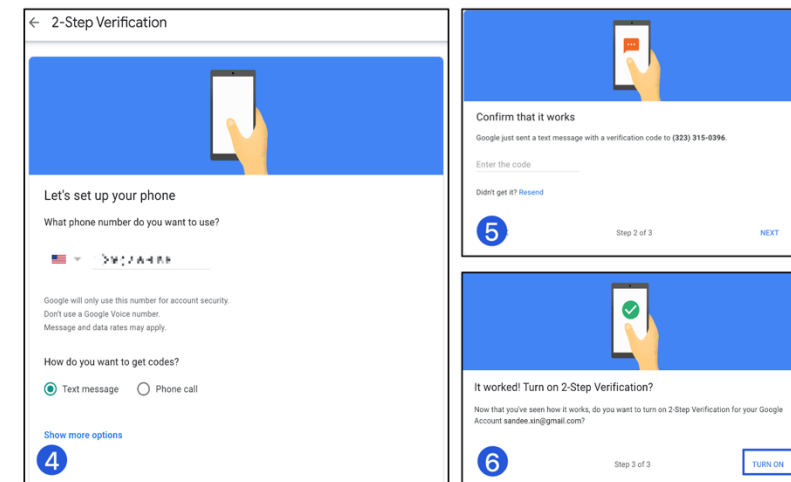
③ Under "Signing in to Google," select **2-Step Verification. Get started.**



④ Enter your cellphone number and select **Text message**, then click **Next**.

⑤ Once you've received the code on your phone, enter it and click **Next**.

⑥ In the final step, click **Turn On** to enable 2-step verification on your Google Account.





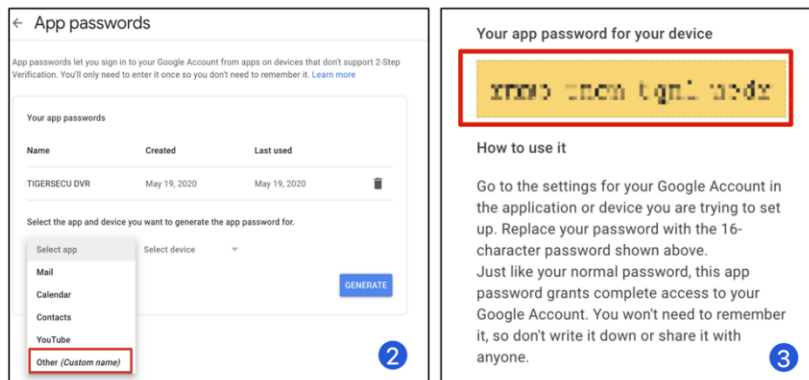
# Main Menu

Step 2: Generate App password.

① Visit your App passwords page.

<https://security.google.com/settings/security/apppasswords>

② In the **Select app** dropdown menu, choose the app you're using. You can also select **Other** and enter TIGERSECUR DVR. Click **GENERATE**.



③ Use your 16-digit app password as the password for the DVR email setup

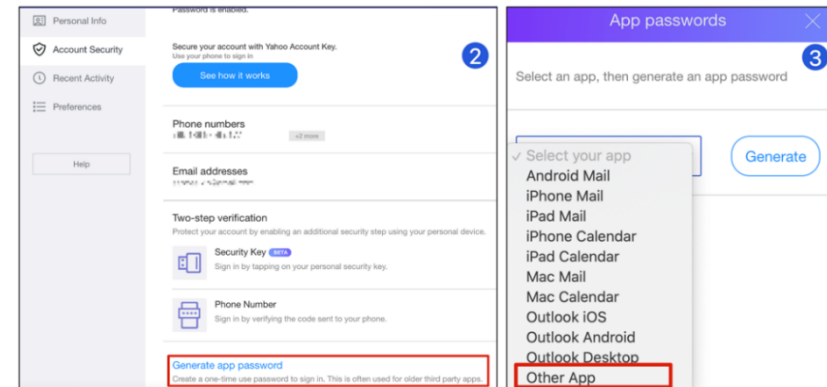
## To generate an App Password for Yahoo Mail:

① Visit your Yahoo Mail security page.

<https://login.yahoo.com/account/security>

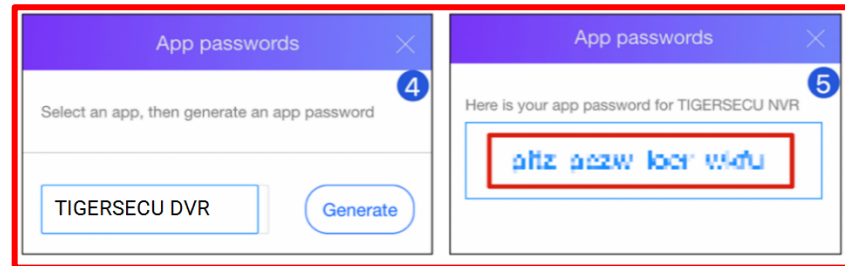
② Click "**Generate app password.**"

③ Select "**Other app.**"

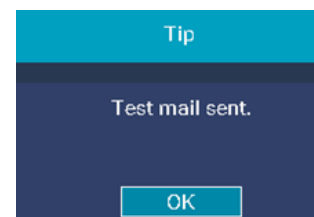


④ Enter TIGERSECUR DVR.

⑤ Click **Generate** to get the 16-digit app password. Use it for your DVR email setup.



Then, click the **Test** button on the Mail setting page, and the following message will appear to confirm that your setup is successfully completed.

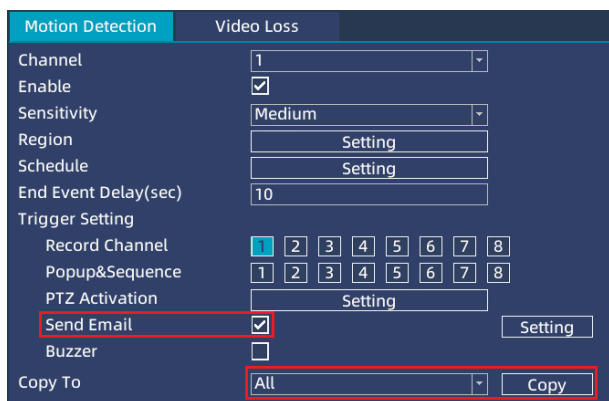


# Main Menu

## \*Motion Detection Trigger setting of Mail Notification.

Go to Main Menu - **Event** menu – **Motion Detection** – Enable **Send Email**.

Choose a specific channel number or All from **Copy To**, click **Copy** and **Save** to enable the mail notification for selected channels.



## 2. P2P



P2P (peer-to-peer) connection is the primary method used for remote access to your security system using the Tuya Smart App.

At the P2P screen, enable the **P2P Setting** to allow your DVR's unique QR code to be scanned by your mobile device and permit remote access to your security system.

Scan the Tuya Smart QR Code on the left to download the Tuya Smart App.

Ensure the status indicates **Wait for connection**. Then follow the instruction (Chapter 4, page 37) to view the DVR remotely.

Contact us via [support@tigersecu.com](mailto:support@tigersecu.com) for further assistance.

Click **Unbind** if you want to bind the system with a new mobile device.

Note: When adding a device by scanning the QR code, if the result shows that the device has been added to another account, you must **Remove Device** from the original Tuya account before you can add it to your account. Check FAQ #7 on page 6 for detailed instructions.

## 3. Advanced

Configure DDNS, DHCP Server, and Telnet settings at the **Advanced** menu.

Network Setup		Network Service Info	
DDNS	<a href="#">Setting</a>	Disable	host.domain.com
DHCP Sever	<a href="#">Setting</a>	Disable	
Telnet	<input type="checkbox"/>	Disable	192.168.21.108

# Main Menu

**DHCP Server:** This DVR comes with a built-in router feature. If you don't have a router and no external network connection, you can still connect a third-party compatible IPC to the DVR.

- Acquire a POE switch. Connect both the IP cameras and the DVR to this switch.
- **Enable** the DHCP server, allowing it to allocate IP addresses to the cameras you wish to link with the DVR.
- Navigate to the menu bar, select **Add IPC** to add the IPC to the DVR.

\*If you have a TIGERSECU 5MP private IPC, you don't need to enable the DHCP server; it will automatically pair with the DVR.

DHCP Server	
DHCP Server	Enable
Boot Delay Start(s)	30
IP Address	192 . 168 . 10 . 100
Start IP Addr	192 . 168 . 10 . 101
End IP Addr	192 . 168 . 10 . 254
Subnet Mask	255 . 255 . 255 . 0
Gateway	192 . 168 . 10 . 1
Primary DNS	192 . 168 . 10 . 1
Secondary DNS	192 . 168 . 10 . 1

Reset Save Cancel

## HDD

The **HDD** screen displays the storage capacity of the DVR's internal hard disk drive and external USB flash drive that is inserted into the DVR. \* The external hard drive can be utilized solely for backing up recordings.

HDD			
Model	Capacity	Free Capacity	Status
▶ WDC WD10EJRX-89B	7452(GB)	7207(GB)	Recording

HDD Full Overwrite

USB Flash Drive			
Model	Capacity	Free Capacity	Status

Format Save Cancel

This DVR supports a maximum capacity HDD of 16TB. **CAUTION:** Formatting the HDD deletes all saved files.

## User

The default user account is admin. Access the **User** menu to set up and manage multiple users, user permissions, passwords, and Recovery Email.

Username	Main Menu	PTZ Control	Playback	Backup
▶ admin	Y	Y	Y	Y

Add User Delete User Modify User Change PWD

Recovery Email Save Cancel

# Main Menu

Click **Add User** to set up a new user account.

Username	<input type="text"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>
Assign Privileges	
Main Menu	<input type="checkbox"/>
PTZ Control	<input type="checkbox"/>
Playback	<input type="checkbox"/>
Backup	<input type="checkbox"/>

Set up a **Recovery Email** here if this was skipped during the Startup Wizard.

Recovery Email	<input type="text"/>
----------------	----------------------

This allows the Recovery Email address to receive a password recovery message in the event you forget your password.

## Event

The **Event menu** allows you to configure Motion Detection/Video Loss features for each channel.

Motion Detection	Video Loss
Channel	1
Enable	<input checked="" type="checkbox"/>
Sensitivity	Medium
Region	Setting
Schedule	Setting
End Event Delay(sec)	10
Trigger Setting	
Record Channel	<input checked="" type="checkbox"/> 2 3 4 5 6 7 8
Popup&Sequence	1 2 3 4 5 6 7 8
PTZ Activation	Setting
Send Email	<input type="checkbox"/> Setting
Buzzer	<input type="checkbox"/>
Copy To	All Copy

**Note:** By default, TIGERSEC private IP camera human motion detection is enabled. If you would like a channel to detect motion (such as a moving car), set the channel to full screen on the Live View screen. Then go to the menu bar, select Camera Config, Other, uncheck **Body Filter**, and click Apply to save changes.

Body Filter	<input type="checkbox"/>
-------------	--------------------------

## 1. Motion Detection

In the Motion page, choose the desired channel to set up motion detection. You can **Enable** motion and change the **Sensitivity** for the selected channel.

**Region** setting allows you to change the motion detection area for wired cameras. Refer to the instruction on page 20 to change the motion detection area for TIGERSEC Private IP cameras.

As a default, the entire view of the camera is enabled for motion detection. However, you can select certain areas if you wish. The area covered by the blue grid will detect and notify you when motion is triggered in that area.

Motion Detection	Video Loss
Channel	1
Enable	<input checked="" type="checkbox"/>
Sensitivity	Medium
Region	Setting
Schedule	Setting
End Event Delay(sec)	10
Trigger Setting	
Record Channel	<input checked="" type="checkbox"/> 2 3 4 5 6 7 8
Popup&Sequence	1 2 3 4 5 6 7 8
PTZ Activation	Setting
Send Email	<input checked="" type="checkbox"/> Setting
Buzzer	<input type="checkbox"/>
Copy To	All Copy

To delete a motion detection area, press and hold the left mouse button, click and drag to select the area you want to delete, and release the mouse.

# Main Menu

To create a new motion detection area, select the square that you want to start at. Press and hold the left mouse button, click and drag to select the area you want to create, and then release the mouse.

Motion detection will be disabled for areas of the image outside of the blue grid.

Disabling motion detection in certain areas of the image effectively eliminates unwanted recordings and notifications caused by frequent movements like trees blowing in the wind or regular traffic.

**Schedule:** The schedule is presented as 24-hour 7 days a week grid and is color-coded to represent the event type. However, you can change the schedule to suit your needs.

	0	2	4	6	8	10	12	14	16	18	20	22	24
Sun													
Mon													
Tue													
Wed													
Thu													
Fri													
Sat													

**End Event Delay(sec)** indicates the number of seconds the system will continue to alert you after motion is triggered.

## Trigger Setting:

- **Record Channel:** If you set the system to event record (Main Menu, Record, Type, Event), you can select the channel(s), and the system will record the channel(s) when motion is triggered.

- **Popup & Sequence:** Enable the Popup & Sequence feature to allow cameras to pop-up and your DVR to automatically cycle through Live View of cameras every few seconds.
- **PTZ Activation:** Enable motion detection reactions (Go presets or Touring) for PTZ cameras.
- **Send Email:** Set up individual channel(s) to send an **email** alert when motion is detected. Check page 27-30 for detailed instructions to set up email alerts.
- **Buzzer:** Enable the DVR's buzzer to alert you for a predetermined amount of time when motion is detected.

**Copy To:** Copy settings from one channel to another channel.

## 2. Video Loss

The settings for **Video Loss** are similar to Motion Detection. Check the instructions above for reference.

Motion Detection	Video Loss
Channel	1
Schedule	Setting
Trigger Setting	
Popup&Sequence	1 2 3 4 5 6 7 8
PTZ Activation	Setting
Send Email	<input type="checkbox"/> Setting
Buzzer	<input type="checkbox"/>
Copy To	All Copy



# Main Menu

## Mode

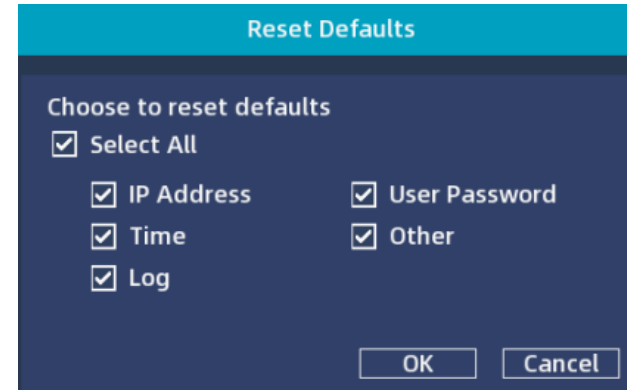
This TIGERSECU DVR offers three modes that allow you to adapt the DVR to a combination of BNC wired cameras and IP cameras. Select your preferred mode:

- For 8CH Ultra HD DVR
  - 8CH BNC Wired Camera Mode
  - 8CH BNC Wired and 8CH IP Camera Mode (default)
  - 16CH IP Camera Mode
- For 16CH Ultra HD DVR
  - 16CH BNC Wired Camera Mode
  - 16CH BNC Wired and 16CH IP Camera Mode (default)
  - 32CH IP Camera Mode

Note: Switching modes will reboot the DVR, and this can cause the DVR to disconnect from third-party branded IP cameras and reset the PTZ configurations.

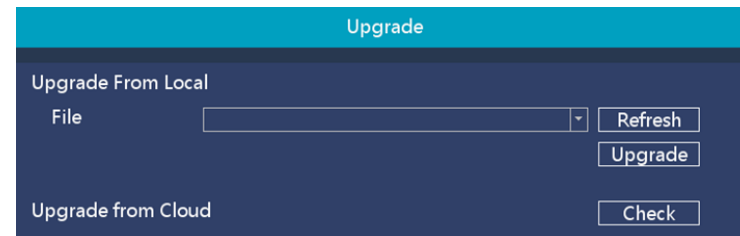
## Reset

The Reset function restores DVR default settings for the IP address, time, log, and user password. Reset defaults will not erase recordings. When resetting your DVR, select All or partial settings, and click OK to reset defaults.



## Upgrade

There are two ways to upgrade your DVR's firmware: USB Upgrade and Cloud Upgrade.



### Upgrade from Local (USB Upgrade)

To update the firmware from a local USB drive, you will need a formatted and empty external USB flash drive.

# Main Menu

Go to <https://www.tigersecu.com> – **Support** – **Firmware Upgrading** to check if new firmware is available for your DVR. If yes, download and unzip firmware file. Save it to your USB flash drive.

Remove the USB flash drive from your computer and insert it into one of the USB ports on the back of your DVR.

In the Upgrade settings, select **Refresh** to read the USB flash drive and click **Upgrade**.

## Upgrade from Cloud (Recommend)

To upgrade your DVR's firmware from the cloud, you will need to connect the DVR to your network.

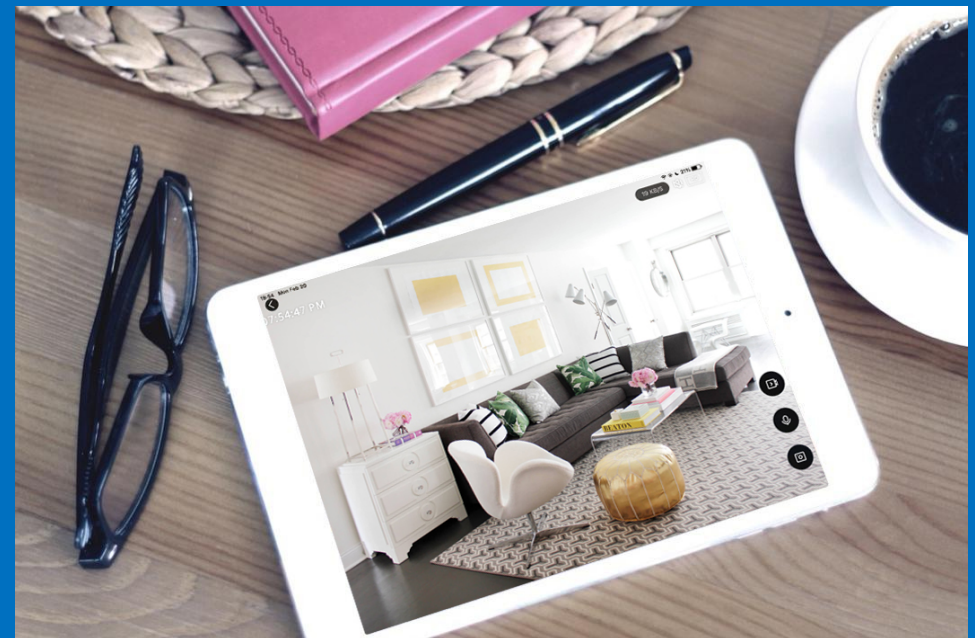
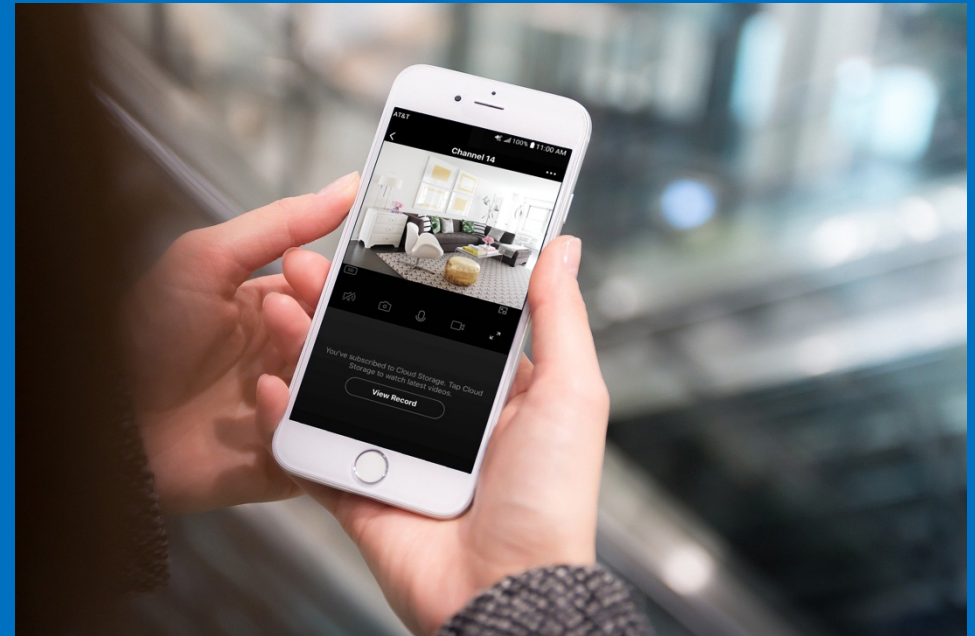
In the Upgrade settings, click **Check** to check if new firmware is available for your DVR.

If new firmware is available for your DVR, proceed with the upgrade. If no new firmware is available, you will receive a message that your DVR firmware is up to date.

## Chapter 4. Remote viewing on mobile device

Stay connected to your home or business with remote viewing from your phone or iPad with the free Tuya Smart app.

See, store and playback footage and images on your mobile device, receive instant alerts on your phone when motion is detected, access multi-camera live streaming, and more.



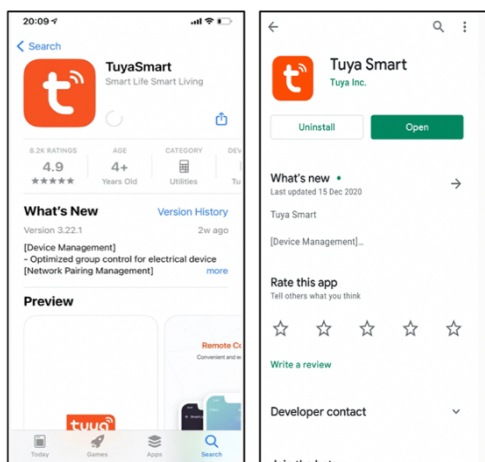
# Remote viewing on mobile device (iPhone, Android Phone)

## 1. Preparation

Set up remote access to your DVR and be able to view your security system remotely using a mobile device. Before proceeding, ensure you have a router and high-speed Internet access (not included).

The Tuya Smart App makes monitoring your TIGERSECU security system easy. Available for iOS and Android, Tuya Smart allows you to view your entire security system from anywhere in the world.

- ① Install the free Tuya Smart App from the App Store or the Google Play Store.



- ② Find your DVR's unique QR Code (a unique device identification code)

Your DVR's unique QR code is required to set up remote access to your security system with the Tuya Smart App for your mobile device.

Your DVR's QR Code can be found in two places:

- a. On the Live View screen, click the QR Code icon in the upper right corner.
- b. At the DVR Main Menu, go to the Network menu, select P2P.



- ③ At the screen which displays the DVR's **unique QR Code**, ensure the Status appears as **Wait for connection**.



# Remote viewing on mobile device (iPhone, Android Phone)

## 2. Create a new Tuya Smart App account

① Launch the app on your mobile device. Tap **Sign Up**.

The image shows four sequential screenshots of the Tuya Smart App registration process, numbered 2 through 5. Screenshot 2: 'Register' screen with a country dropdown set to 'United States of America', an email address field, a 'Get Verification Code' button, and checkboxes for 'I Agree Privacy Policy User Agreement and Children's Privacy Statement'. Screenshot 3: 'Enter Verification Code' screen with a numeric keypad and a 'Done' button. Screenshot 4: 'Set Password' screen with a password field and a 'Done' button. Screenshot 5: 'Log In' screen with an email address field, a password field, and a 'Log in' button.

② Select your country, then enter your **Email address**. Select **Agree** to the terms.

Choose **Get Verification Code**.

③ Retrieve the **Verification Code** from your email and enter it in the app.

④ Set a password for your account.

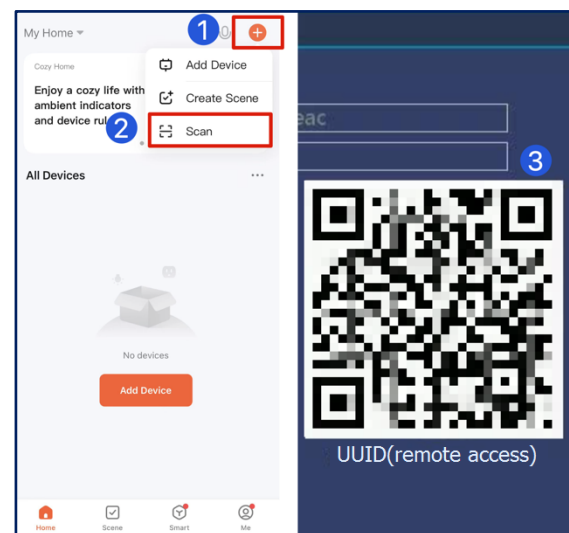
⑤ Enter your Email address and password, then click **Log in**.

## 3. Add your DVR system.

① Tap the **+** button on the upper right corner.

② Tap the **Scan** button from the dropdown options.

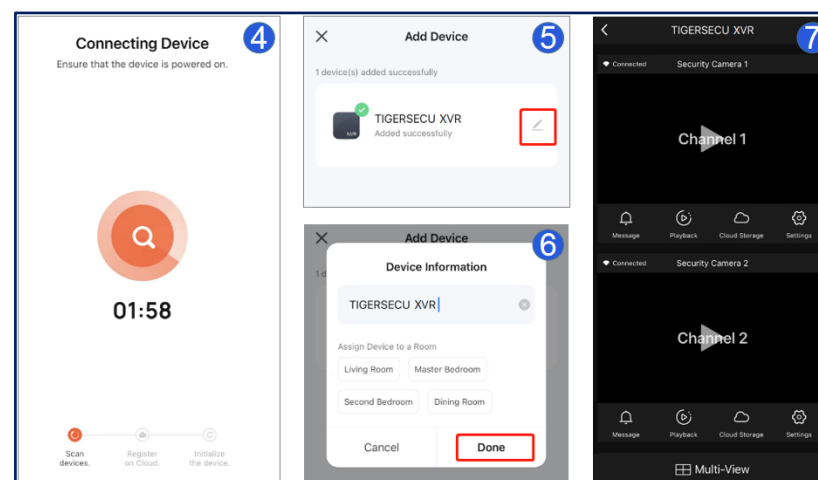
③ Scan your DVR's unique QR Code.



④ Wait until the setup is completed.

⑤ ⑥ Click Edit to rename your DVR.

⑦ Then you will see all the channels. Tap on the channel(s) you wish to view.

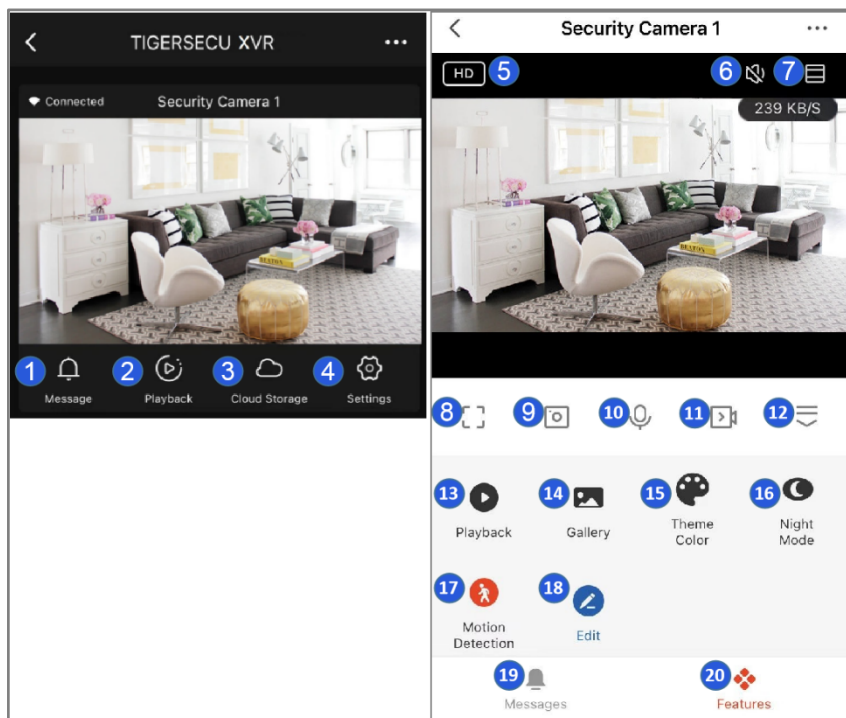




# Remote viewing on mobile device (iPhone, Android Phone)

## 4. Icons

- ① **Message:** Check motion detection notifications.
- ② **Playback:** Play recordings.
- ③ **Cloud Storage:** Service is not supported for this DVR model.
- ④ **Settings:** Camera settings.
- ⑤ **SD:** Standard Definition  
**HD:** High Definition
- ⑥ Turn sound on and off.



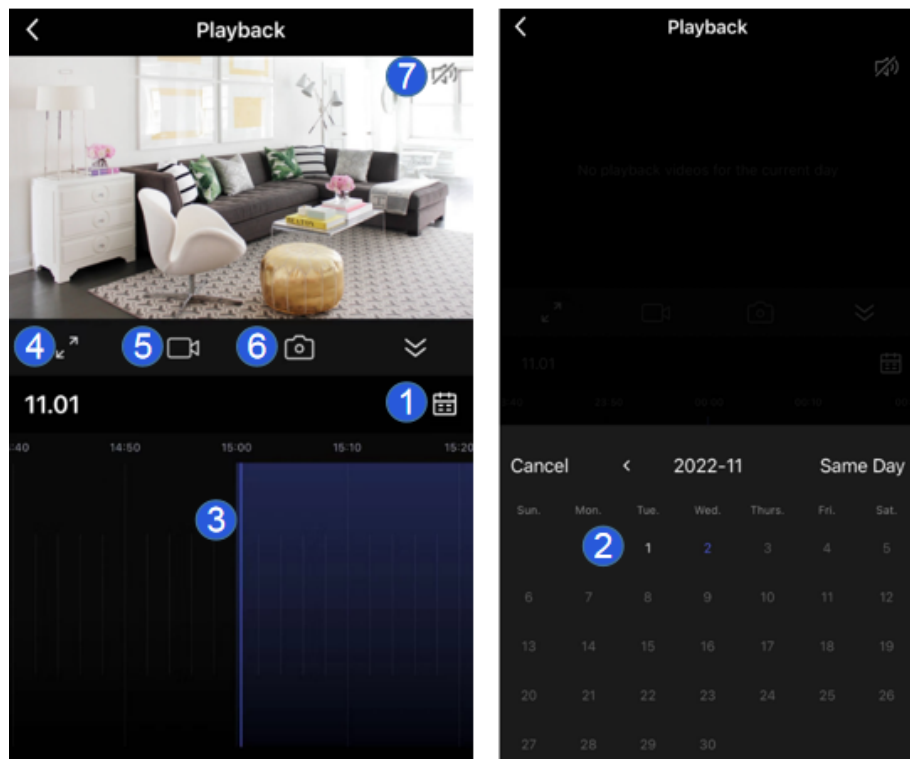
- ⑦ Display in full screen.
- ⑧ Change the screen to landscape mode.
- ⑨ Take a snapshot.
- ⑩ Press the button to talk.
- ⑪ Capture video clips.
- ⑫ More.
- ⑬ **Playback:** Play recordings.
- ⑭ **Gallery:** Check snapshots and recorded video clips.
- ⑮ **Theme Color:** Change app theme to dark or light mode.
- ⑯ **Night Mode:** Change camera to smart, infrared or color mode.
- ⑰ **Motion Detection:** Enable or disable the motion feature manually.
- ⑱ **Edit:** Edit feature options.
- ⑲ **Message:** Check motion detection notifications.
- ⑳ **Features:** Check additional advanced features.

## 5. Playback

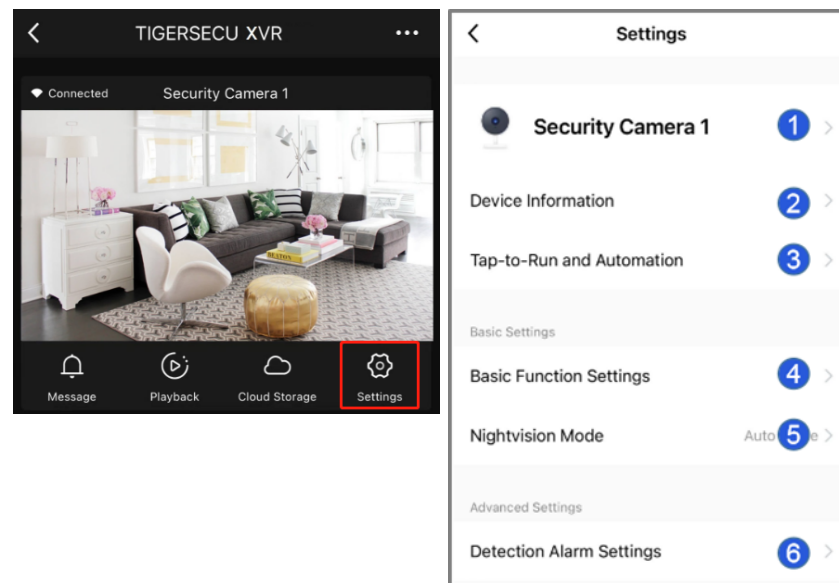
- ① Tap on the calendar.
- ② Select the date for playing back. The date highlighted in white means there are recordings on that day.
- ③ Tap on the timeline to select the time.
- ④ Change the screen to landscape mode.

# Remote viewing on mobile device (iPhone, Android Phone)

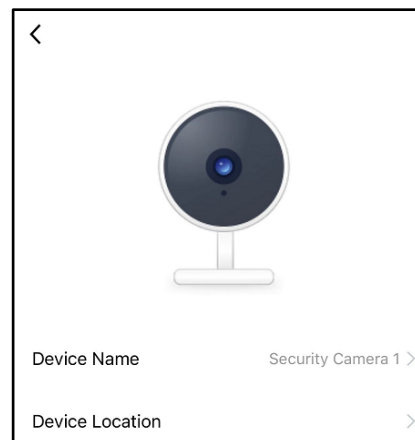
- ⑤ Capture video clips.
- ⑥ Tap a snapshot.
- ⑦ Turn sound on and off.



## 6-1. Camera Settings (1)



- ① **Security Camera 1:** You can rename the camera and check the Device Location.



# Remote viewing on mobile device (iPhone, Android Phone)

② **Device Information:** Check the registered email address and device ID.

③ **Tap-to-run and Automation:** Feature is disabled for this device.

④ **Basic Function Settings:**

**Flip Screen** allows you to rotate a camera's video feed upside down.

**Talk Mode** allows you to set One-Way Communication and Two-Way talk.

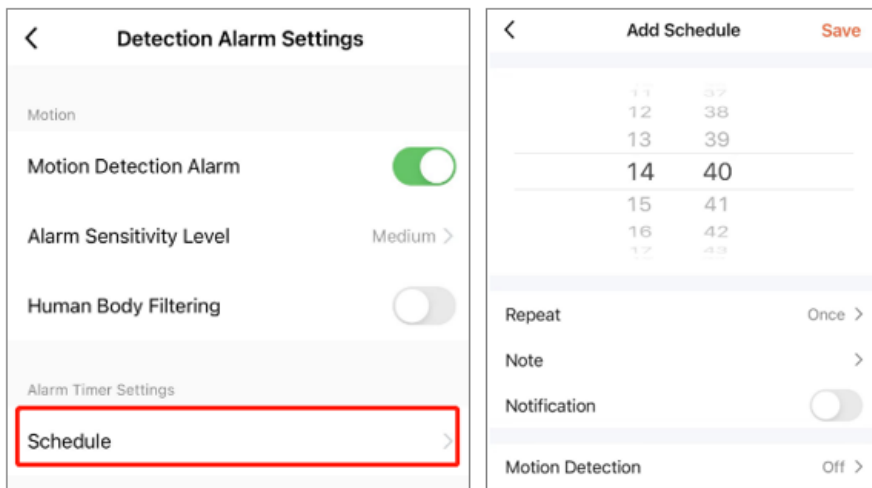
⑤ **Night Vision Mode:** allows you set Auto Mode/IR Mode/Color Mode night vision.

⑥ **Detection Alarm Settings** allow you to enable/disable the **motion detection alarm** and adjust motion detection sensitivity to fit your needs.

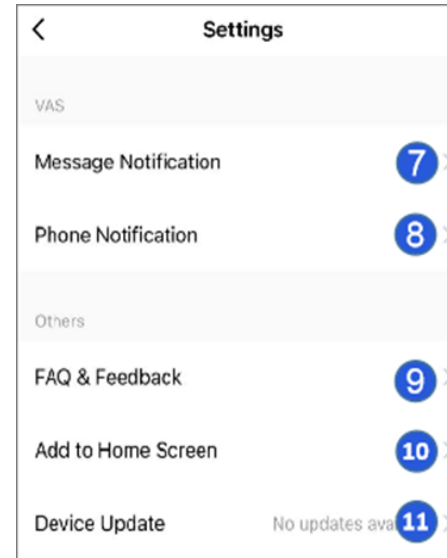
Set the **Alarm Sensitivity Level** to **Low** to minimize or avoid false alarms.

Enable **Human Body Filtering** to receive alerts when a human body is detected.

To receive alerts during a scheduled period of time, tap on **Schedule** to set up the time.



## 6-2. Camera Settings (2)



⑦ **Message Notification:** Set up your phone to receive a text message when motion is detected. Tuya Smart charges a subscription fee for this service.

⑧ **Phone Notification:** Set up your phone to receive a call when motion is detected. Tuya Smart charges a subscription fee for this service.

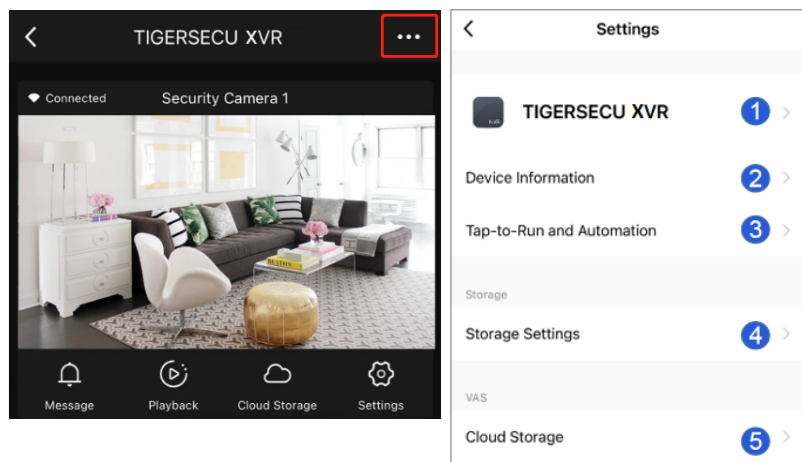
⑨ **FAQ & Feedback:** Send feedback about the app to Tuya Smart or contact us directly at [support@tigersecu.com](mailto:support@tigersecu.com).

⑩ **Add to Home Screen:** Adds a shortcut to your mobile device's home screen that will allow you to quickly access a channel's control panel.

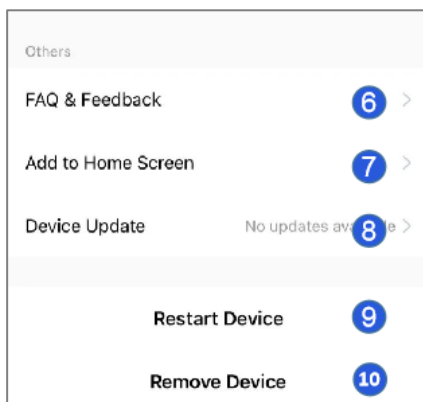
⑪ **Device Update:** Install app updates when available. **Auto Upgrade** can be enabled here.

# Remote viewing on mobile device (iPhone, Android Phone)

## 6-3. DVR Settings



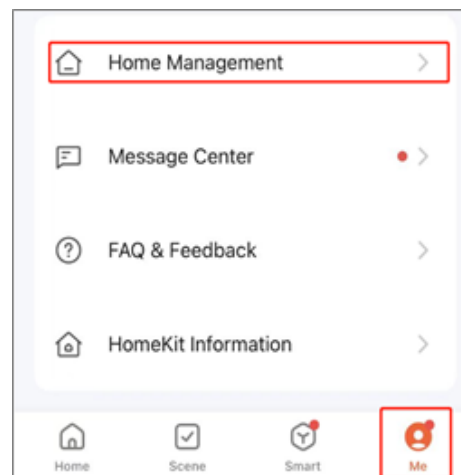
- ① **TIGERSECU DVR:** You can rename the DVR and check the Device Location.
- ② **Device Information:** Check the registered email address and device ID.
- ③ **Tap-to-run and Automation:** Feature is disabled for this device.
- ④ **Storage Settings:** Access your DVR's hard drive capacity information.
- ⑤ **Cloud Storage:** Service is not supported for this DVR model.



- ⑥ **FAQ & Feedback:** Send feedback about the app to Tuya Smart or contact us directly at [support@tigersecu.com](mailto:support@tigersecu.com).
- ⑦ **Add to Home Screen:** Adds a shortcut to your mobile device's home screen that will allow you to quickly access a channel's control panel.
- ⑧ **Device Update:** Install app updates when available. **Auto Upgrade** can be enabled here.
- ⑨ **Restart Device:** Remotely restart your DVR through Tuya app.
- ⑩ **Remove Device:** Remove your DVR from your Tuya account.

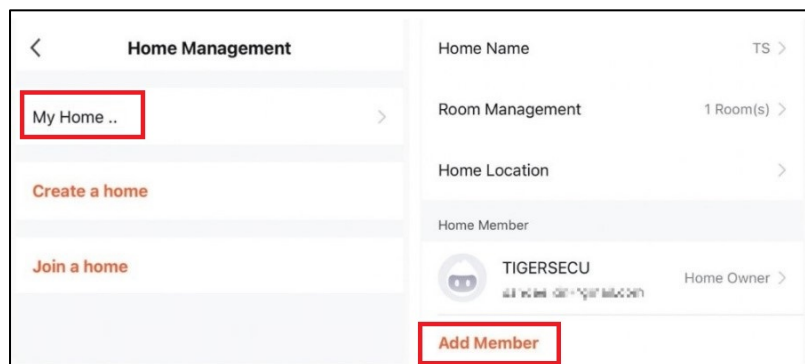
## 7. Share the device with other users

- ① Tap **Me**, then **Home Management**.



- ② Choose **My Home**. Complete the home information. Tap on **Add Member**.

## Remote viewing on mobile device (iPhone, Android Phone)



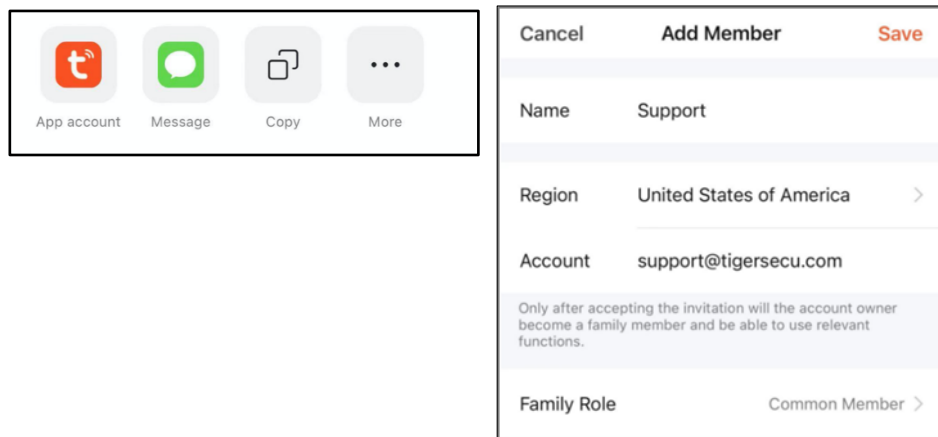
③ Have your other user download the Tuya Smart App and create a user account.

- App account:

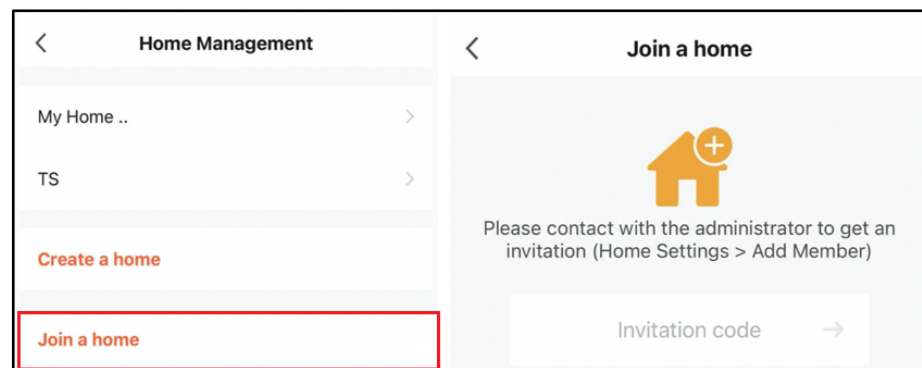
Enter the name, region, and registered email address of the additional user and assign privileges to the member.

- Message/Copy

The system will generate an invitation code which you will need to provide to the additional user to complete the process.

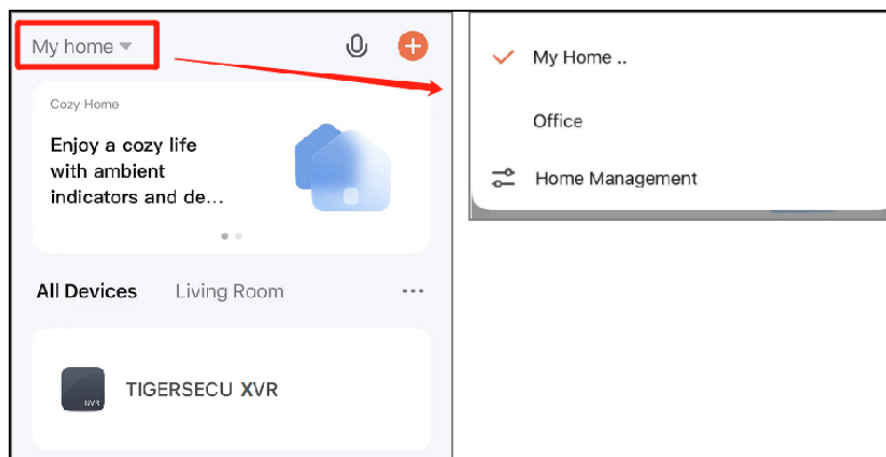


For the additional user, go to **Me, Home Management**, and select **Join a home**. Then enter their **invitation code**.



NOTE: Each invitation code is valid for three days and can only be used once.

After the invitation is accepted or additional user joins a home, go back to the Home page and tap on the home name to see the new device.



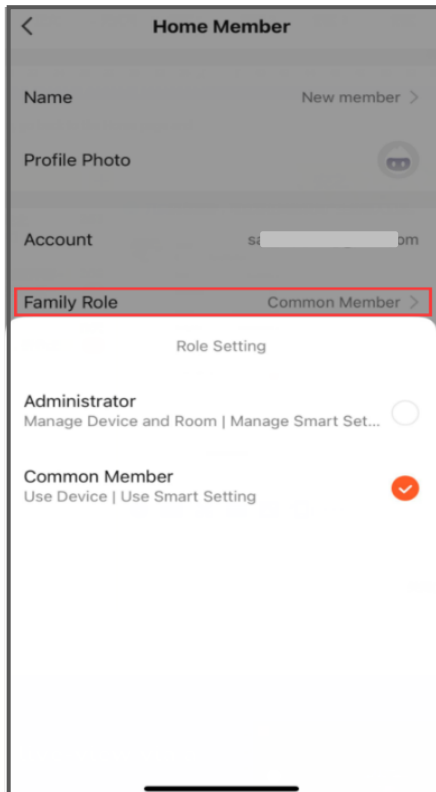


## Remote viewing on mobile device (iPhone, Android Phone)

**Home Owner:** Once you've completed setting up your TIGERSECU DVR device in your app, you will be the main account owner, referred to as the Home Owner. As the Home Owner, you have control over shared user roles and privileges.

**Administrator** users can view live camera feeds and playback stored videos. Administrator users can also manage devices and rooms, smart settings, and shared users and levels of access.

**Common Member** users can view live camera feeds and playback stored videos. Common member users cannot add new devices to the shared Home.

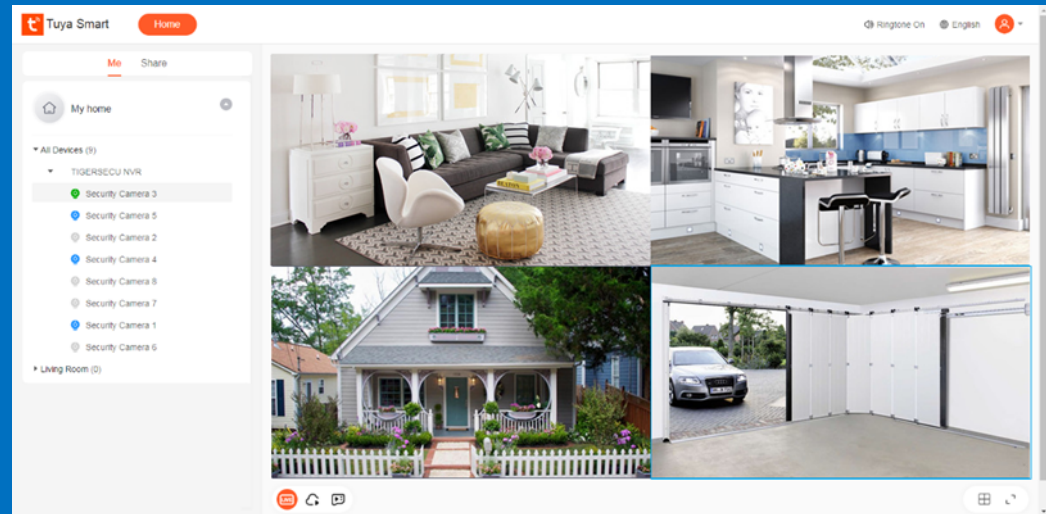
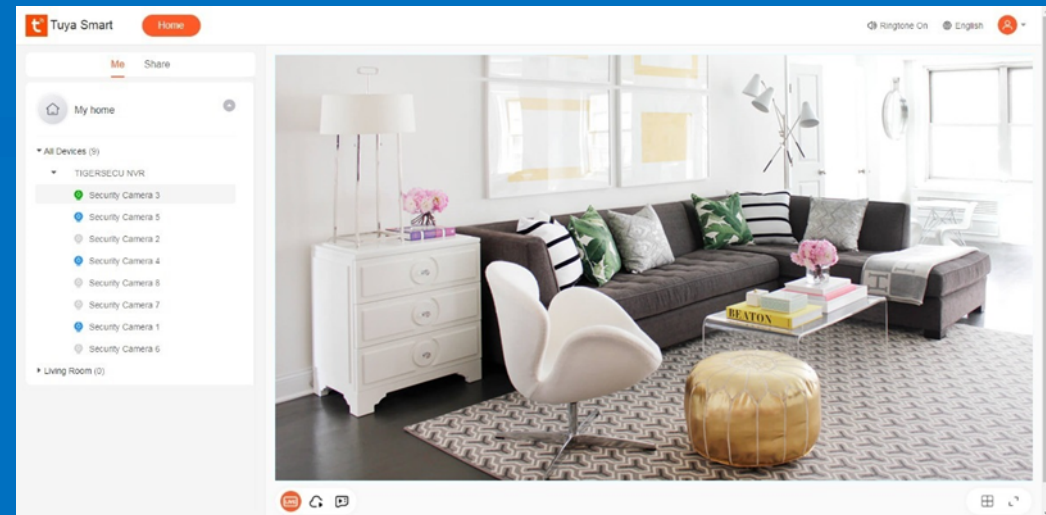


## Chapter 5. Remotely viewing on computer or laptop

Remote monitoring gives you real-time access to your live camera view so you can check on your property or loved ones anytime, day or night.

Free access to Smart Life allows you to remotely access your TIGERSECU security cameras directly from your computer or laptop.

\*This service is currently available on Microsoft Edge (PC) and Google Chrome web browsers (PC and Mac). Internet Explorer (IE), Firefox browsers are currently not supported.



# Remote viewing on computer or laptop

Free access to **Tuya Smart IPC Terminal** or **Camera Terminal** website allows you to remotely access your TIGERSECU DVR directly from your computer or laptop.

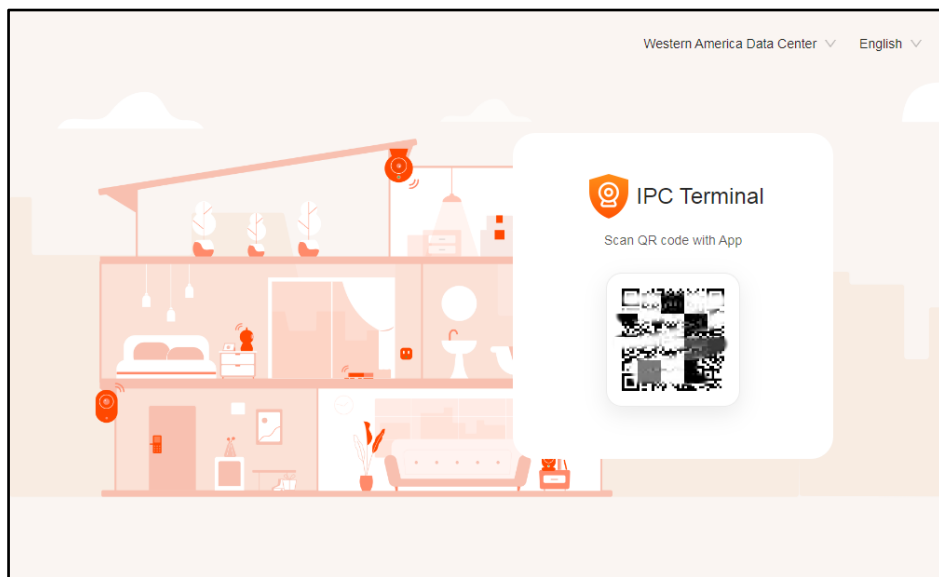
Remotely live-view TIGERSECU DVR via the Microsoft Edge (PC) or Google Chrome web browsers (PC and Mac).

\*Internet Explorer (IE), Firefox browsers are currently not supported.


## Tuya Smart IPC Terminal website (Recommended)

On your web browser, access the IPC Terminal at the website:

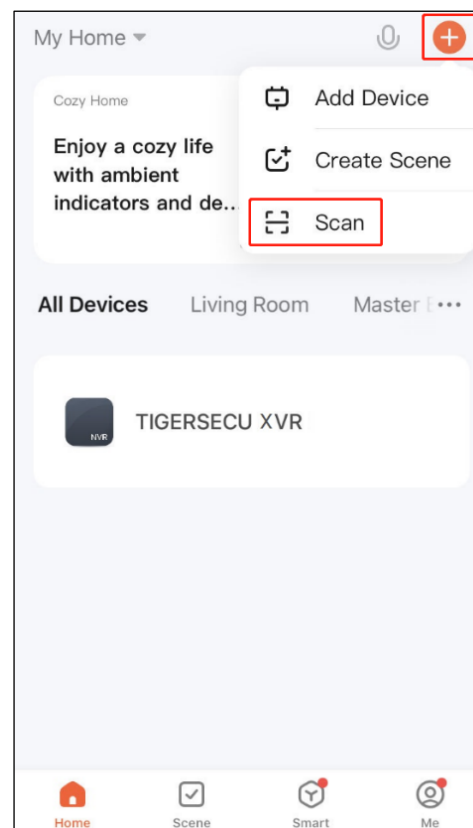
<https://protect-us.ismartlife.me/login>



On your mobile device, open the Tuya Smart app. Ensure you're logged into your DVR via the app before proceeding. Check chapter 4 (page 36) for detailed instructions.

① Go to the device-adding page by tapping the  icon in the top right corner on the Tuya Smart app home page.

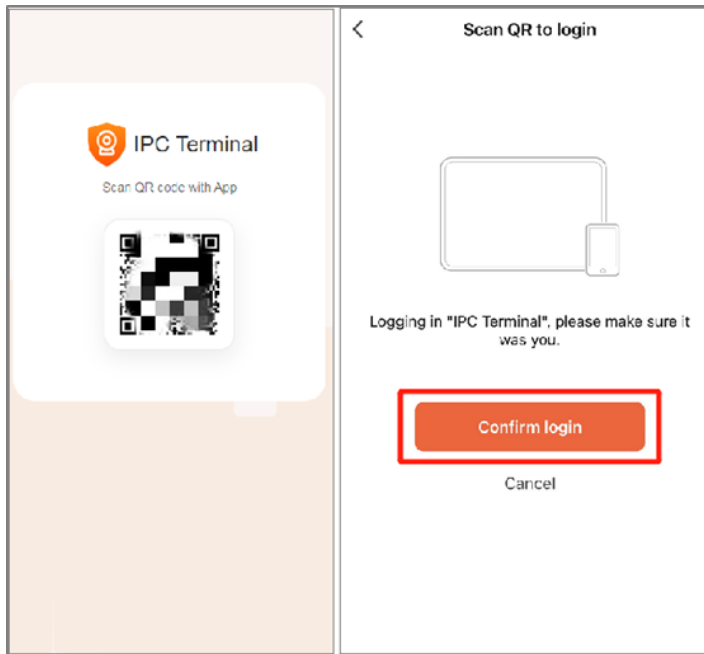
② Tap the  icon from the dropdown options.



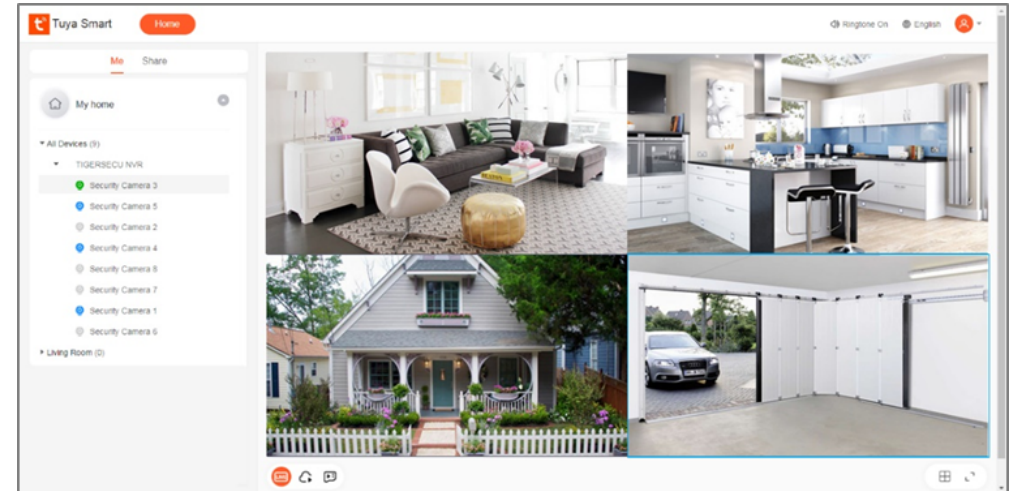
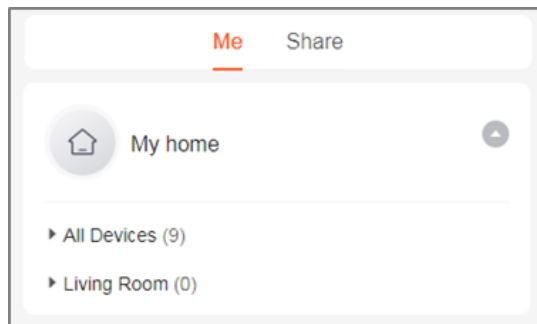
## Remote viewing on computer or laptop

③ Use your mobile device to scan the QR Code which appears on your computer's web browser.

④ Confirm Login in the Tuya Smart app.



⑤ Select the home and the device under **Me**. Then click on the cameras to view.



**Notice:** At the time of this document's publication, Tuya Smart IPC Terminal doesn't support the remote playback function for this DVR.

# Remote viewing on computer or laptop


## Tuya Smart Camera Terminal website (Alternative)

On your web browser, access the Smart Camera Terminal at the website:

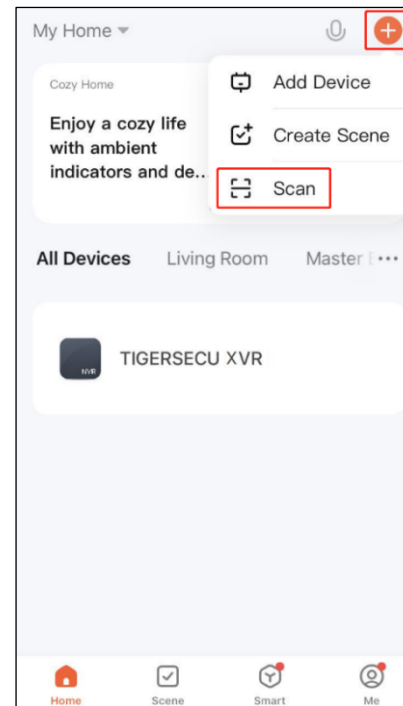
<https://ipc-us.ismartlife.me/login>



On your mobile device, open the Tuya Smart app. Ensure you're logged into your DVR via the app before proceeding. Check chapter 4 (page 36) for detailed instructions.

① Go to the device-adding page by tapping the  icon in the top right corner on the Tuya Smart app home page.

② Tap the Scan  icon from the dropdown options.

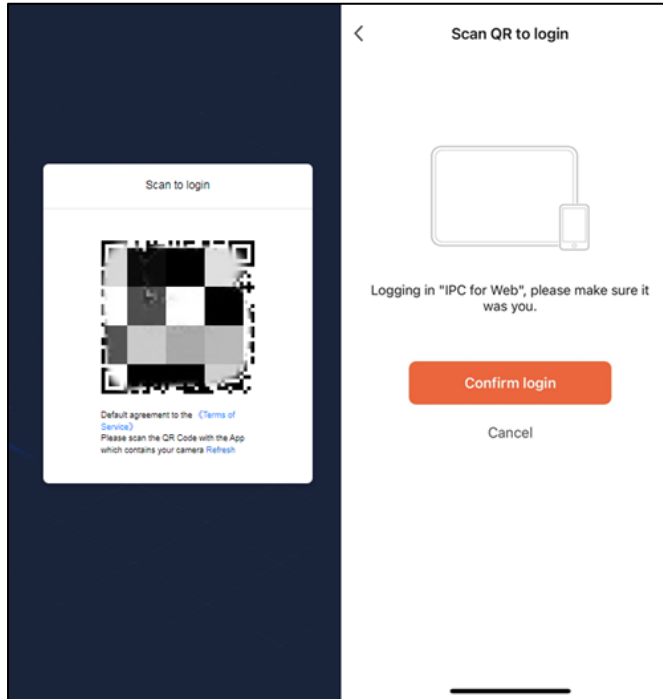


③ Use your mobile device to scan the QR Code which appears on your computer's web browser.

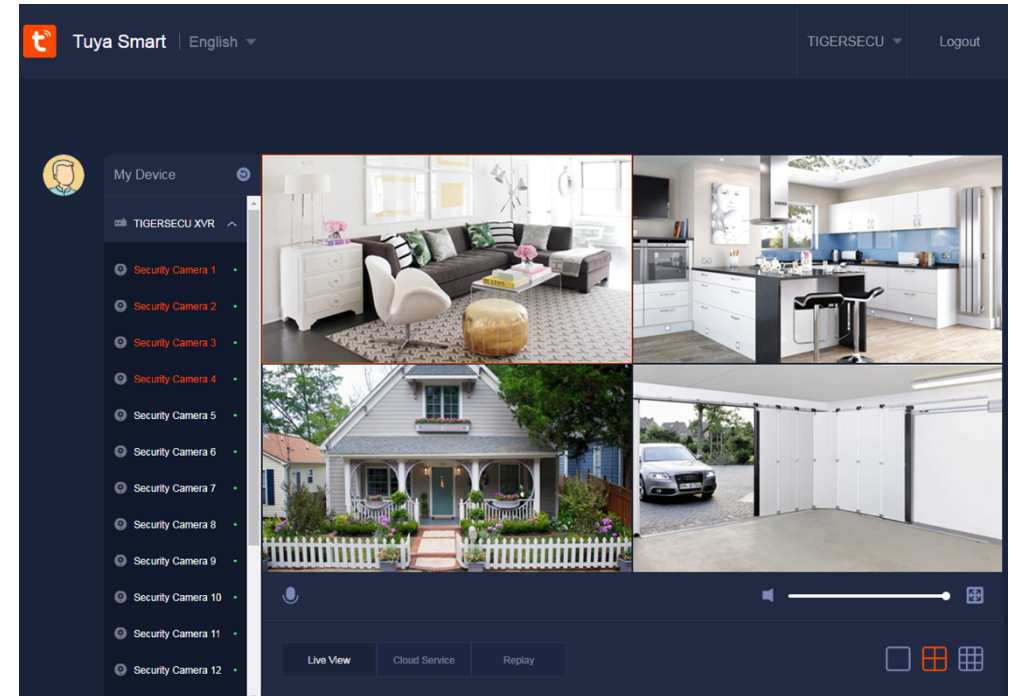
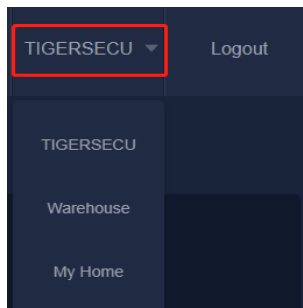
④ Confirm Login in the Tuya Smart app.



# Remote viewing on computer or laptop



- ⑤ Select the home from the web page upper right corner, then choose the device and cameras to view under **My Device**.



**Notice:** At the time of this document's publication, Tuya Smart Camera Terminal doesn't support the remote playback function for this DVR.