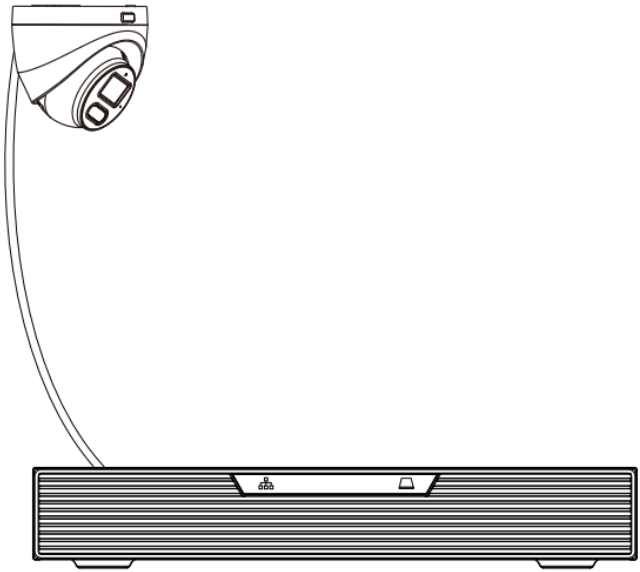
USER GUIDE

kogan.com



KOGAN SMARTERHOME™ 8 CHANNEL AI NVR SECURITY CAMERA SYSTEM

WITH 4 X 8MP CAMERAS (4TB, POE)

KASMNVRPOEA

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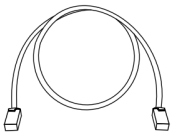
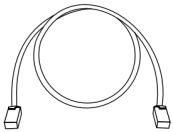
COMPONENTS

NVR

Power Adapter

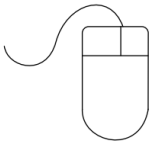


Network Cable (NVR)



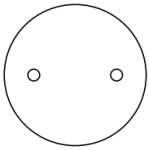
PoE Network Cable (x4) (Camera)

Camera



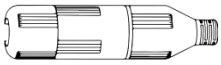
Mouse

2.5inch HDD Screws (x4)



Drill Template (x4)

Camera Screw Kit (x4)

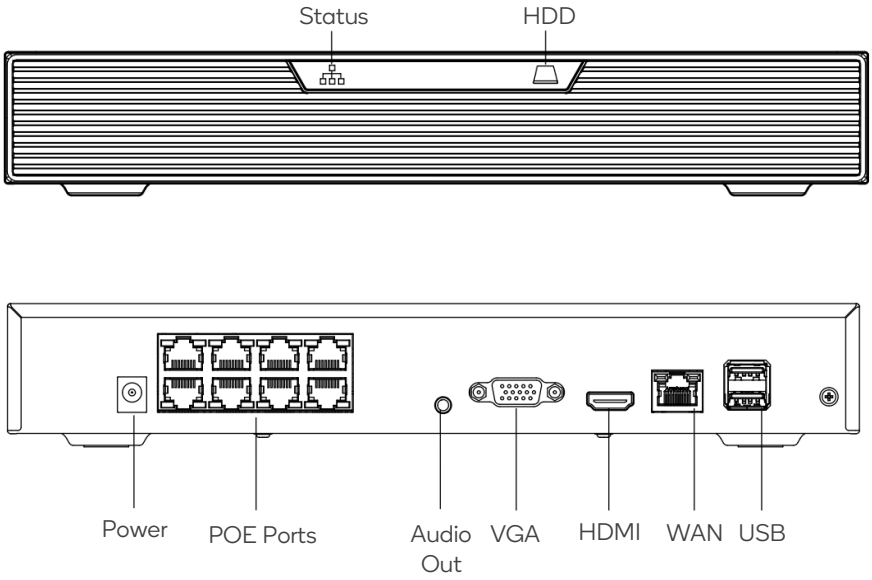


Waterproof Terminal (x4)

User Guide

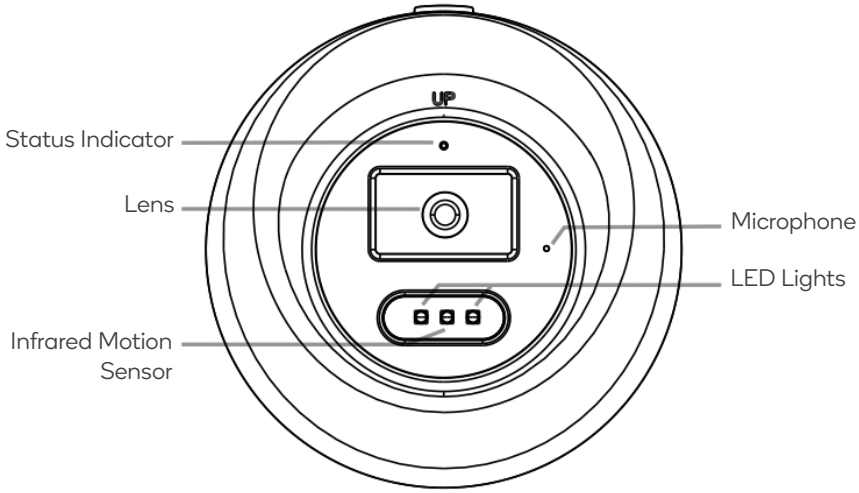
OVERVIEW

NVR

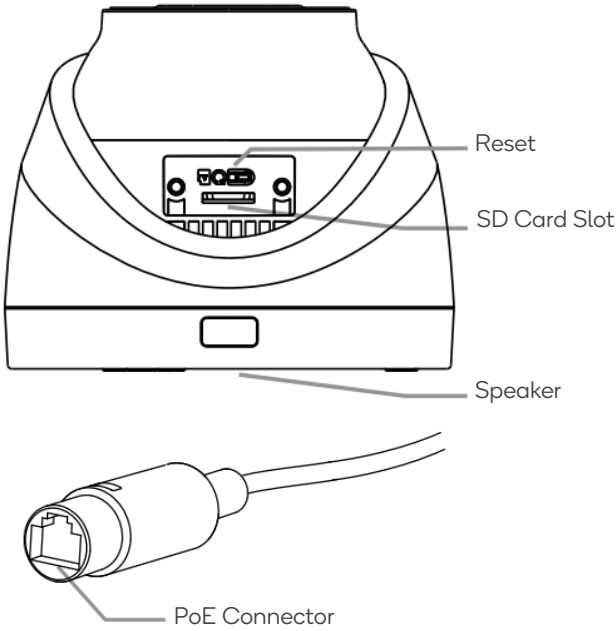


Status Indicator	• Solid red light on: NVR is starting up. • Solid blue light on: NVR is working correctly. • Red light flash: NVR is offline.
HDD Indicator	Flashing blue light: Data is being read or written.
Audio Out	Connect to speakers or earphones to play sound.
VGA	VGA video output port.
HDMI	High-definition video output port.
WAN	Ethernet port. Connected by network cable.
USB	Connect to mouse, USB storage device, etc.
Power	DC 48V/1.35A.
PoE Ports	Connect the camera to the NVR by network cable.

Camera



Status Indicator	• Flashing red light: waiting for network connection. • Solid blue light: camera is operational. • Solid red light: network malfunction.
Microphone	Capture sound for your video.
Lens	Capture footage.
Infrared Motion Sensor	Detects movement.
LED Lights	Illuminates when motion is detected.

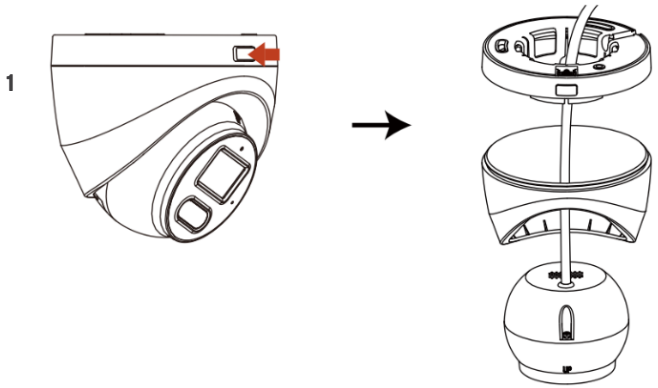


Reset	Press and hold for 5 seconds to reset the camera.
SD Card Slot	Insert a local SD card (max storage 128G).
Speaker	Play sound from the camera.
PoE Connector	Connect the camera to the PoE ports of the NVR using a network cable.

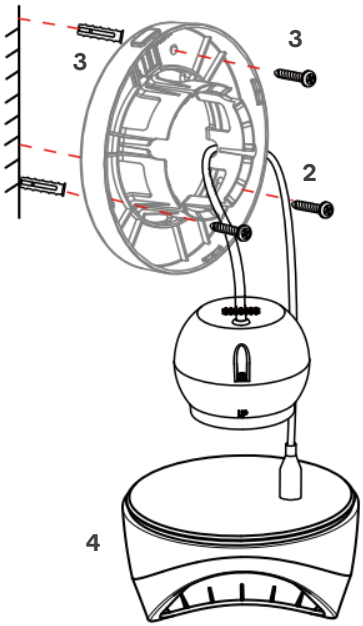
INSTALLATION

Bracket Installation

1. Press the button and pull to disassemble the camera.

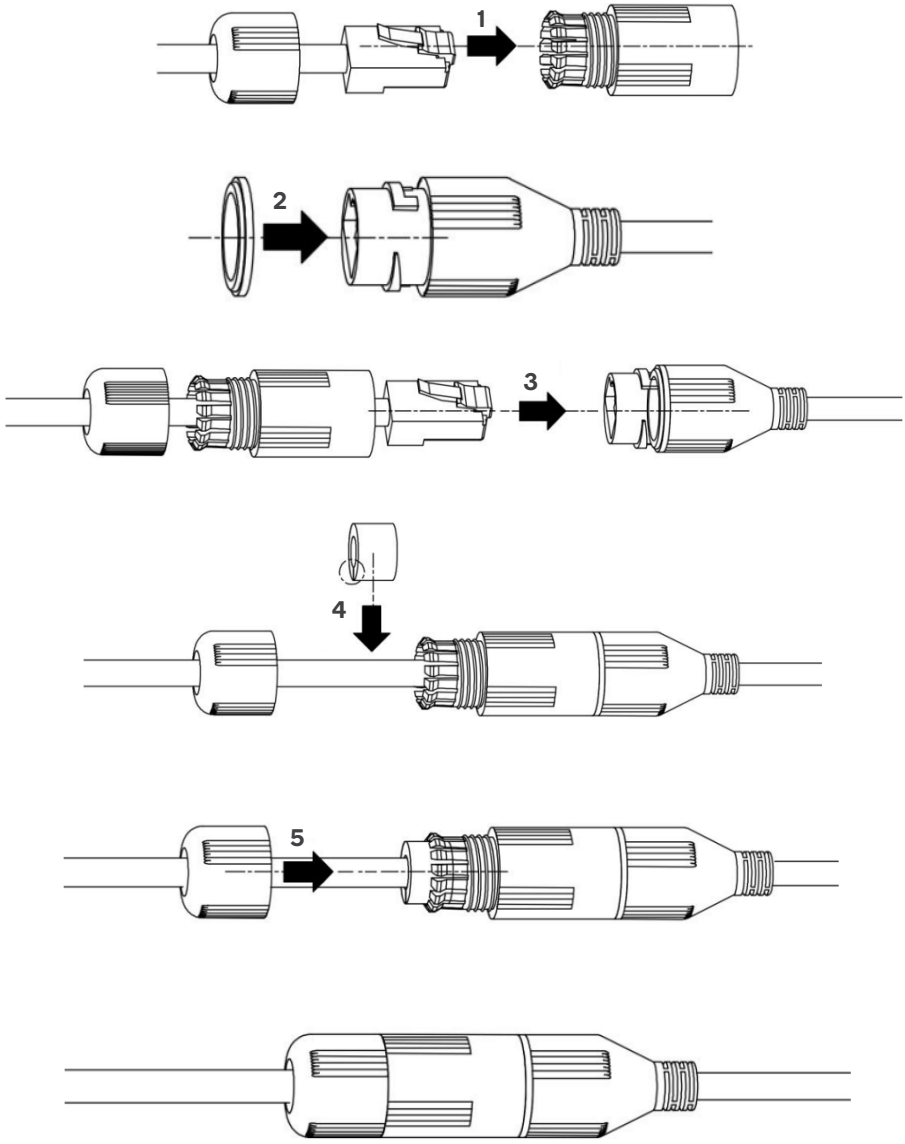


2. Thread the PoE network cable of the camera through the bracket and secure it into the groove on the back of the bracket.
3. Install the bracket to the wall using the provided screw kit. Place the 'FRONT' label upward.
4. Position the camera inside the shell and reattach the shell to the bracket.



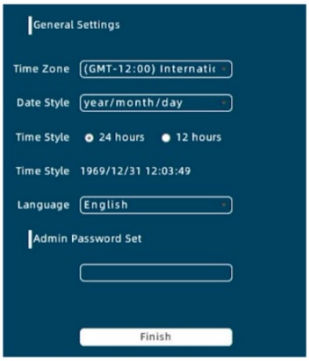
Waterproof Terminal Connection

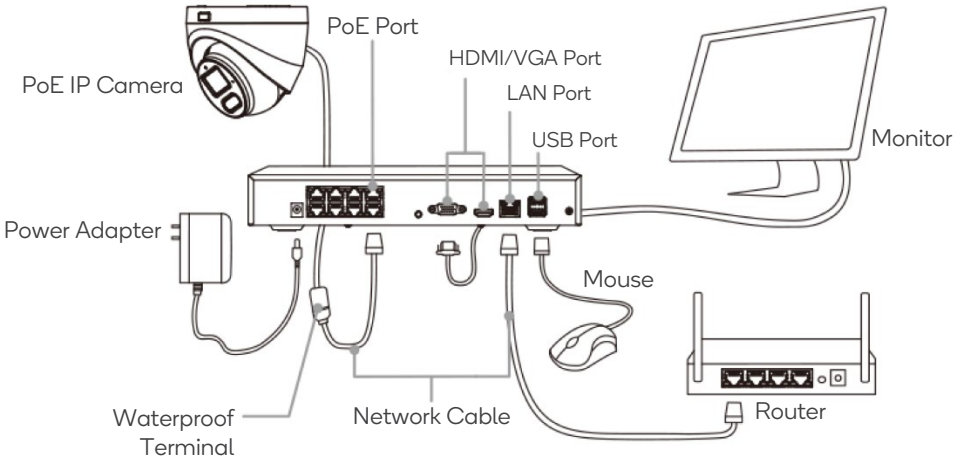
Arrange the PoE power cord indoors or install waterproof terminals to prevent water leakage when installing outdoors.



Connect the NVR to a Monitor

1. Power on the NVR with included power adapter. Connect one end of the NVR power adapter to the NVR and the other end to an electrical outlet.
2. Connect the NVR to a screen using a VGA or HDMI cord (not provided).
3. Connect the NVR to a mouse using the USB port on the NVR.
4. Connect one end of the provided PoE network cable to one of the PoE ports on the NVR, and the other end to the PoE connector on the camera.
5. Upon first use, a boot wizard will appear. Follow the on-screen instructions to set up a password.



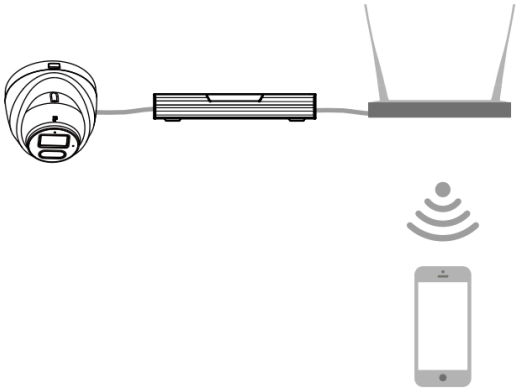


Notes:

- Connect the power adapter to the electrical outlet before connecting it to the power port on the NVR.
- To prevent electric shock and protect the camera, connect the adapter to a grounded wall outlet.

Connect the NVR to the Wi-Fi Router

Connect one end of the provided network cable to the NVR and the other end to the Wi-Fi router. Ensure your phone and the NVR are connected to the same network.



Notes:

The NVR must be connected to the Wi-Fi router before pairing with the SmarterHome™ app.

CONNECT TO SMARTERHOME™ APP

Install App

Download the "Kogan SmarterHome" app from the Play Store (Android) or App Store (iOS).

Play Store (Android)

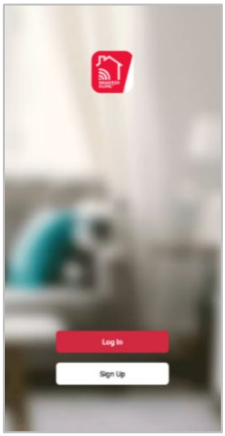
GET IT ON Google Play

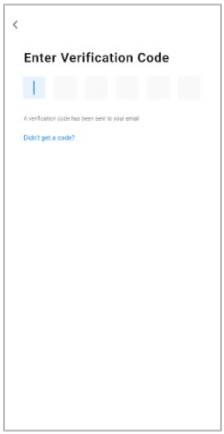
App Store (iOS)

Download on the App Store

To Register:

1. If you already have a SmarterHome account, select 'Log In'. To register a new account, select 'Sign Up'.
2. The system will automatically recognise your country. If needed, you can manually select your country from the drop-down box. Enter your email address and tap 'Get Verification Code' to continue.
3. A 6-digit code will be sent to the submitted email address. Enter this code before the one-minute timer expires.
4. Continue to the next page and complete your SmarterHome profile.





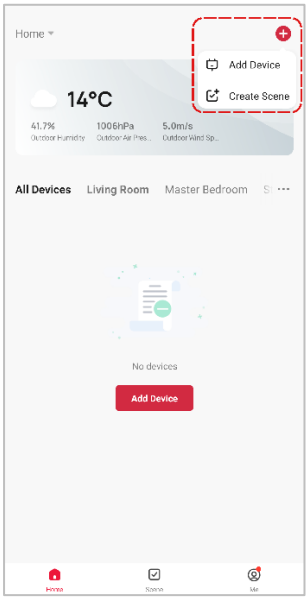
Set Device in Pairing Mode

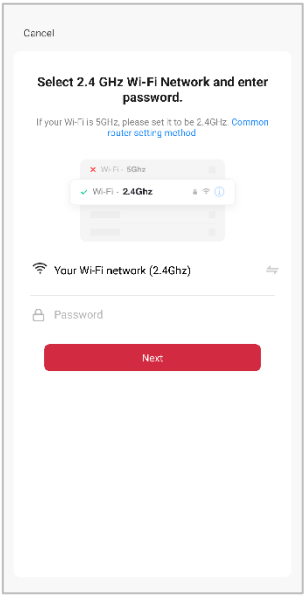
When the device is first turned on, it may automatically enter pairing mode (the status indicator on the NVR will be slowly flashing red).

If not automatically in pairing mode when powered on, you can manually set the device in pairing mode by switching the NVR off/on at the electrical outlet until the status indicator on the NVR is slowly flashing red.

Add Device Through Network

1. Once registered, tap "**Add Device**" on the app's home page, or the "**+**" in the upper right corner, to add a new device through the network.
2. Select the product type from the list of options in the app (Home Security > NVR).
3. Enter your Wi-Fi details. It is important that your SmarterHome™ device and the app are connected to the same Wi-Fi network during setup.

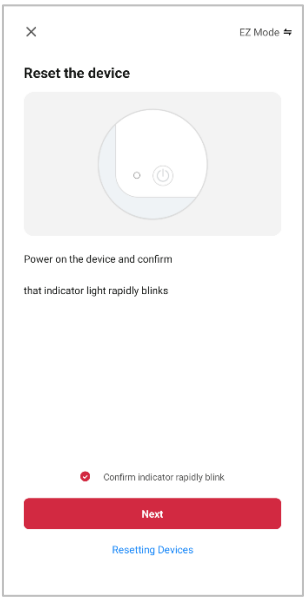


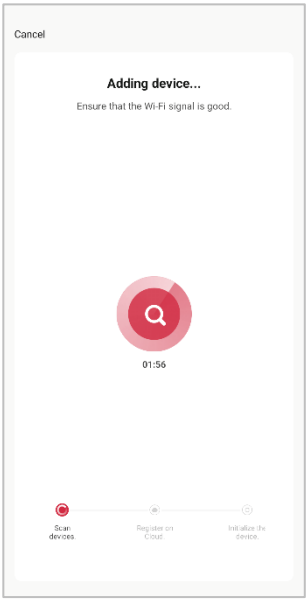


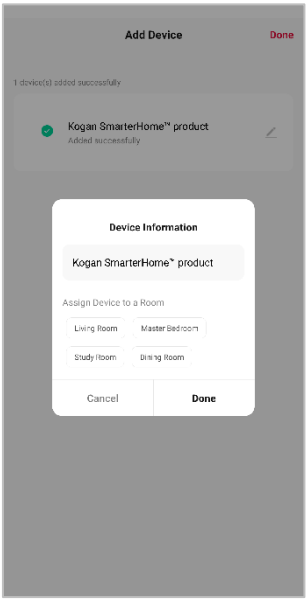
Notes:

- The device and the app have to use the same Wi-Fi network.
- The device is only compatible with 2.4Ghz networks.
- Depending on the product, Steps 3 and 4 may be in opposite order.

4. Ensure that the device is in pairing mode with the status indicator on the NVR slowly flashing red and tap “Confirm light is rapidly flashing”.
5. The device will commence the pairing process and connect to the app. Ensure your Wi-Fi router, mobile phone, and the SmarterHome™ device are kept close until connection is complete.
6. After successfully being added, you will have the option to rename the device and assign it to a location. It will now be listed on the app’s home page. Tap the device listing to enter its control page.







Note:

Once connected, you can select Create Scene from the **“+”** in the upper right corner (or from the Scene tab) to group connected SmarterHome™ products and automate their functions.

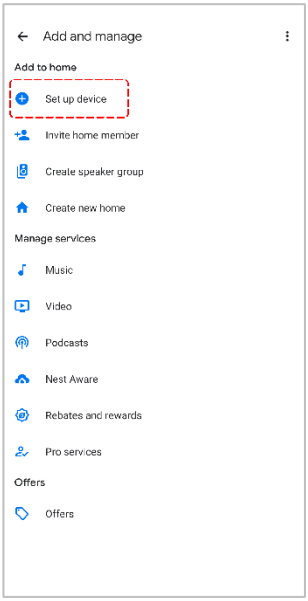
GOOGLE HOME CONTROL

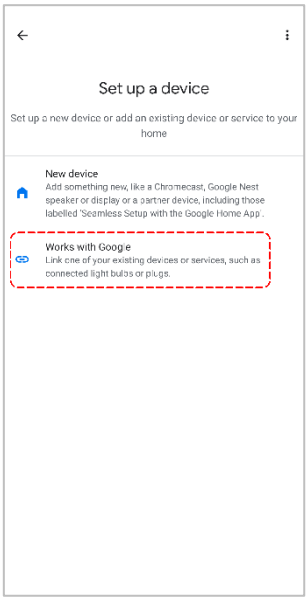
Note:

You will need to have set up a Google Home account prior to linking your Kogan SmarterHome™ device.

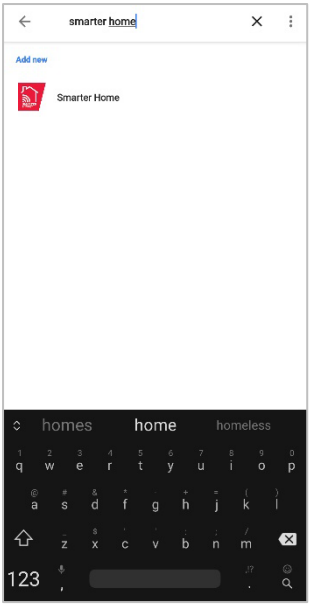
Adding “SmarterHome” to the Google Home App

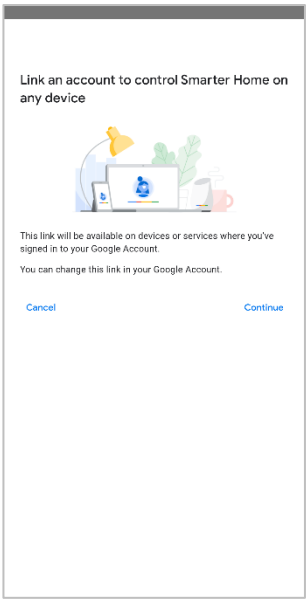
1. From the home page of the Google Home app, select the “+” icon (top left corner, see arrow in the below screenshot) to access the ‘Add and manage’ page.
2. Select ‘Set up device’, then select the ‘Works with Google’ option.

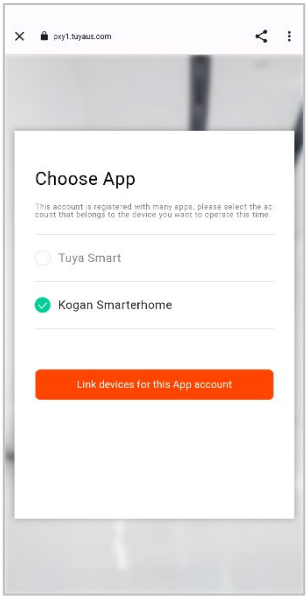




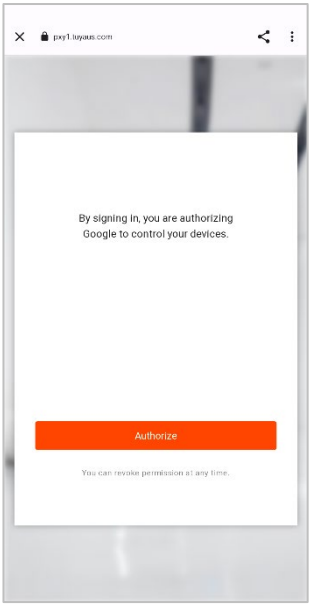
3. Select the search bar and type ‘Smarter Home’ to locate the Kogan SmarterHome™ service.
4. From here, you will be prompted to sign into your SmarterHome™ account using either your email or mobile phone number, depending on which method you used to register your account.
5. Select “Kogan SmarterHome™” from the app options.

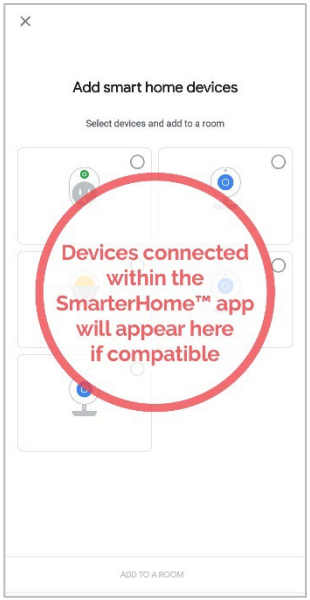






6. Tap ‘Authorise’ to grant Google permission to access the SmarterHome™ app and your devices.
7. Once connected, the app will display any compatible devices linked to your SmarterHome™ account. From here you can assign them to rooms and set up any routines. Tap on any of the devices to view a list of available commands.





Note:

Please note that Google Home can only control the base/core functions of any compatible SmarterHome™ devices. To make full use of this product’s smart functionality, please use the Kogan SmarterHome™ app.

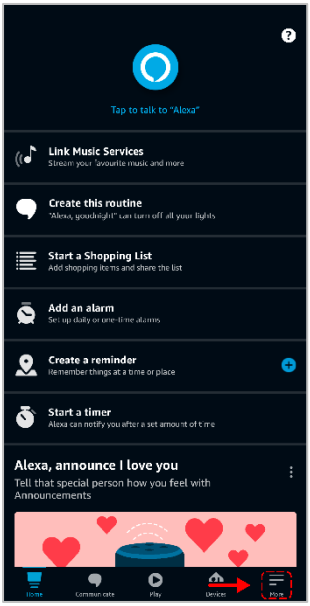
AMAZON ALEXA CONTROL

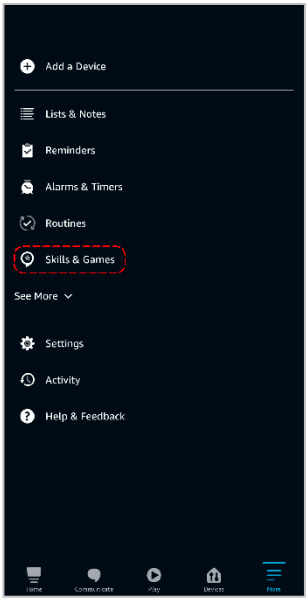
Notes:

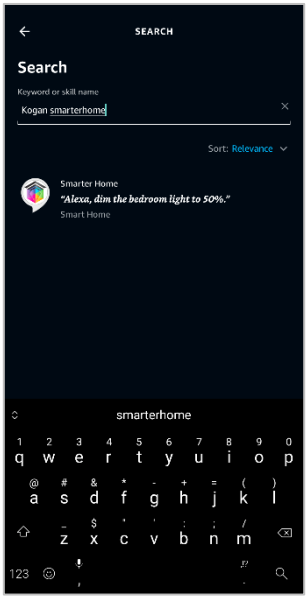
You will need to have set up an Alexa account prior to linking your Kogan SmarterHome™ device.

Adding “SmarterHome” to the Alexa App

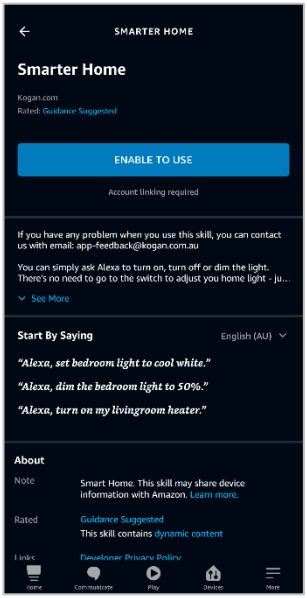
1. From the home page of the Alexa app, select the “☰” icon in the bottom-right and select “Skills & Games” from the sidebar.
2. Select the search bar and type ‘Smarter Home’ to locate the Kogan SmarterHome™ skill.

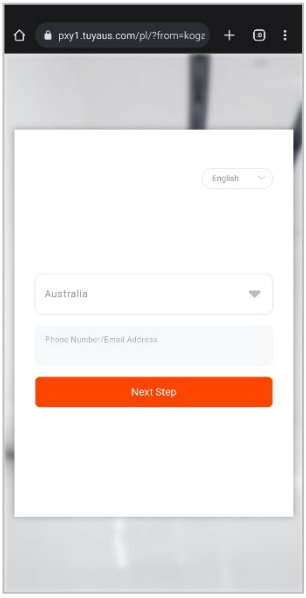


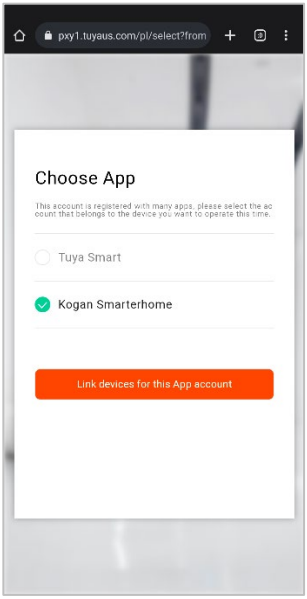




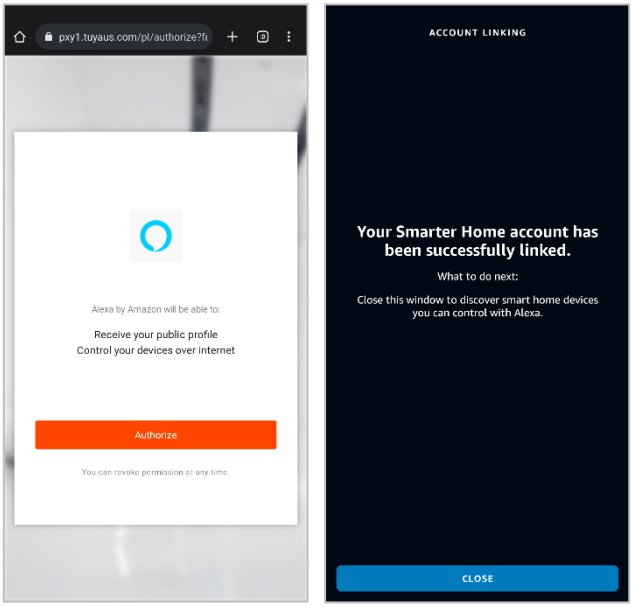
3. Tap ‘Enable to Use’ to add the Kogan SmarterHome™ skill to Alexa.
4. From here, you will be prompted to sign into your SmarterHome™ account using either your email or mobile phone number, depending on which method you used to register your account.
5. Select “Kogan SmarterHome™” from the app options.







6. Tap ‘Authorise’ to grant Alexa permission to access the SmarterHome™ app and your devices.
7. Once connected, the app will perform a search and display the devices linked to your SmarterHome™ account. When your devices have successfully connected to the Alexa app, you will be able to control your Kogan SmarterHome™ devices via Alexa’s voice commands.

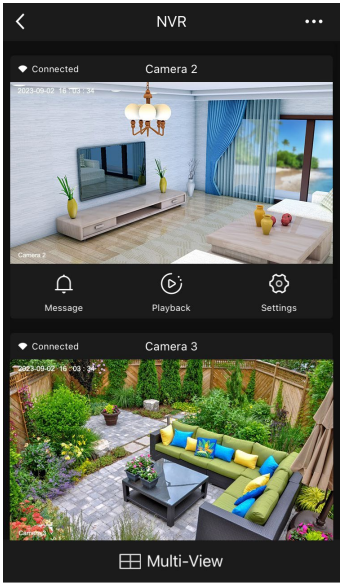


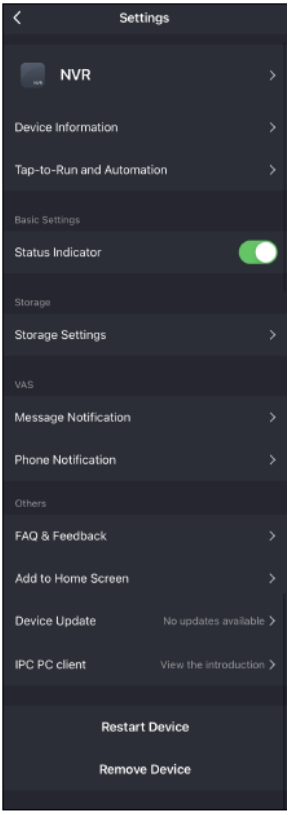
Note:

Please note that Alexa can only control the base/core functions of any compatible SmarterHome™ devices. To make full use of this product’s smart functionality, please use the Kogan SmarterHome™ app.

OPERATION

After pairing the NVR to the app, tap '...' in the upper right corner to enter the NVR interface, where you can adjust the functions of the NVR.



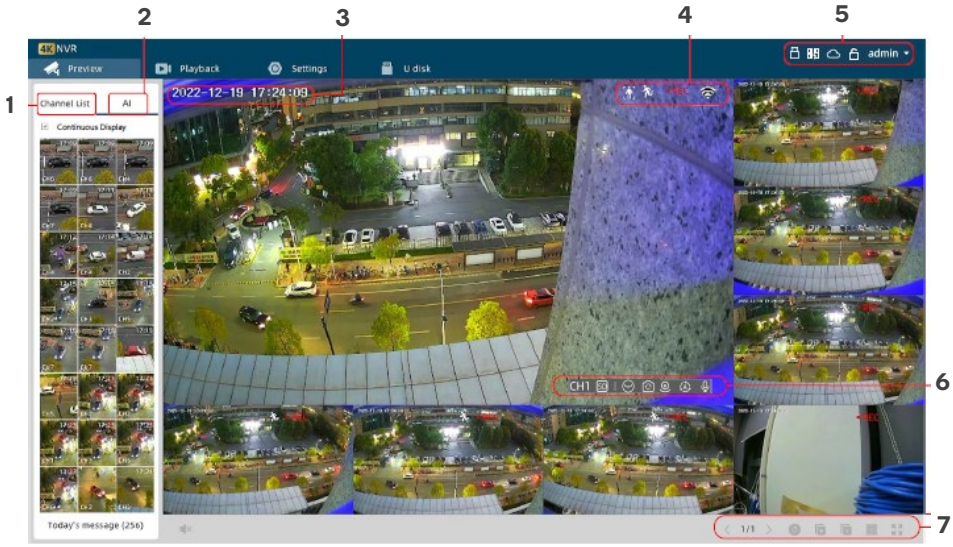


Preview

Live view:

To open live view:

- Drag the camera name from the channel list to the display screen, or
- Click the camera name on the channel list and click the preview icon next to the camera name.



1	Channel list of connected cameras
2	Alarm records of AI detection
3	Current date and time
4	Selected camera status bar
5	NVR status bar
6	Selected camera navigation bar
7	Preview navigation bar

Alarm records of AI detection:

Enable the AI function:

The AI function must be enabled to record alarms. To enable the AI function, go to Settings → Camera Settings → AI.

Alarm image:

Capture the thumbnail, channel number and time of the detected object.

Continuous display:

The number of thumbnails retained and displayed on the AI sidebar is restricted. When the sidebar is full, older thumbnails will be hidden as new ones are recorded and displayed. If 'Continuous Display' is enabled, all thumbnails will be retained. If 'Continuous Display' is disabled, the thumbnails will be deleted when they disappear from the sidebar.

Today's message:

See how many alarms have been detected for the day.

Status bar of selected camera:

	AI detection has been triggered. The icon will change according to the detection: for people, for vehicle, for pet, for package.
	Motion has been detected.
•REC	The camera is recording.
	Camera supports PoE. The icon will change according to distance: for long distance (up to 250m if usingCat5E net cable), for short distance.

NVR status bar:

	USB inserted.
	NVR cloud status. The NVR is not connected to the app or is offline after being added. The NVR is connected to the app and is operational.
	Click to manually lock the NVR. The password will be required to enter the NVR.
	Click the drop down arrow to view the NVR account.

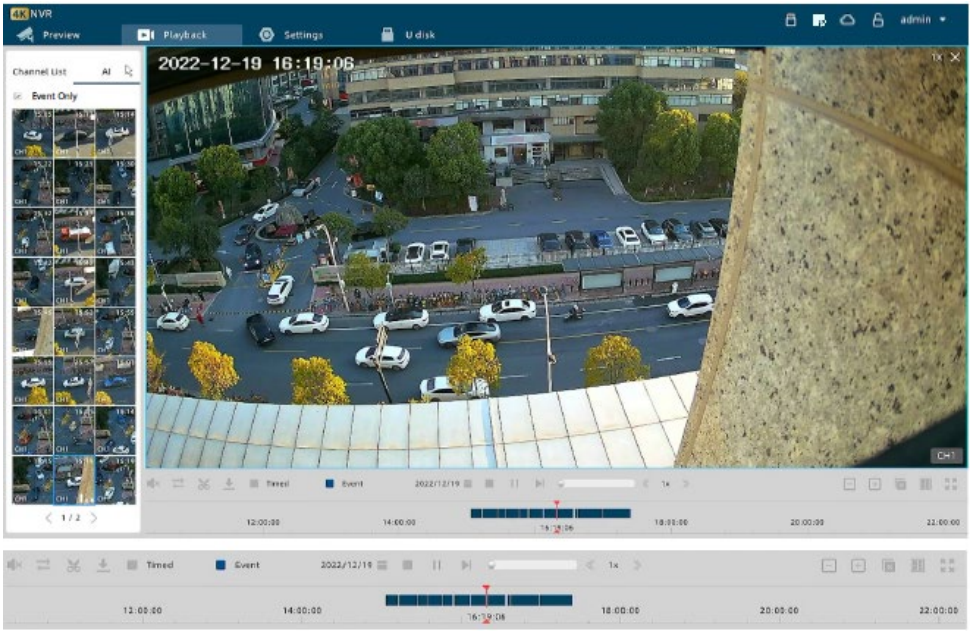
Selected camera navigation bar:

CH1	Channel number of the selected camera.
SD	The resolution of the current camera screen. • 1-4 screens: all screens in SD. • 6-8 screens: the first large screen in HD and all others in 360P. • 9 screens: all screens in 360P.
	Turn privacy mode on/off (if the camera supports privacy mode).
	Flip the screen.
	Turn corridor mode on/off (if the camera supports corridor mode). 4-split screens and 7-split screens support corridor mode.
	Adjust the PTZ angle (if the camera supports the PTZ function).
	Switch between day and night modes.
	Turn the microphone on or off.

Preview navigation bar:

	Adjust the volume or turn the sound on/off.
1/2	Display different camera screens.
	Switch previews every 10 seconds.
	Open the previews of all cameras.
	Close the previews of all cameras.
	Split the camera screens.
	Display the selected camera at full screen.

Playback



	Adjust the volume or turn the sound on/off.
	Turn on synchronous playback (all screens play videos of the same time period).
	Drag the clip box to adjust the video length and click to clip the video.
	Download the clipped video in MP4 format (insert a USB first).
Timed Event	Recording types.
2021/03/29	Select the date of the recording you want to view.
	Pause/play playback.
1x	• Drag to adjust the video speed. • Click to increase the video speed. • Click to decrease the video speed.

	• Drag to control the time bar of recordings. • Click to zoom out of the progress bar. • Click to zoom in on the progress bar.
	Close playbacks of all cameras.
	Split the camera screens.
	Display the selected camera at full screen.

Playbacks of AI detection:

Enable the AI function:

The AI function must be enabled to record alarms. To enable the AI function, go to Settings → Camera Settings → AI.

Alarm image:

Capture the thumbnail, channel number and time of the detected object.

Event Only:

If 'Event Only' is enabled, only the captured event will be played. If 'Event Only' is disabled, the regular recordings will also play.

<1/3>:

Page 1 in a total of 3.

Reset the NVR Password

1. When logging in, click 'Forgot password?'.

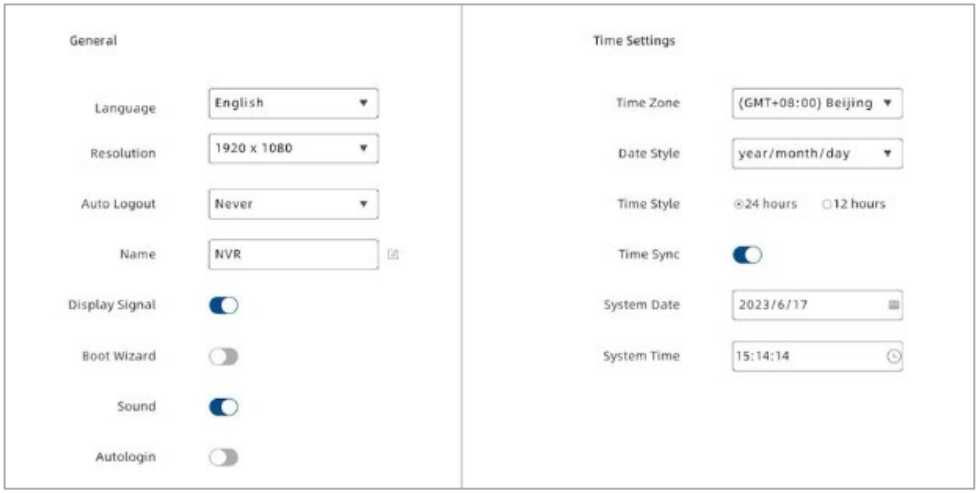
2. Enter the service number (same as the serial number) of the NVR and then enter the new password. The service number will be located on the NVR, often at the bottom.

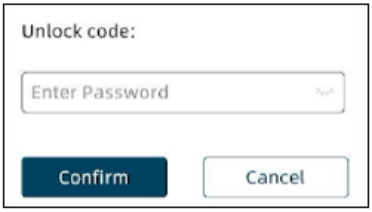
3. Click 'Confirm' to save.

Settings

General and Time Settings:

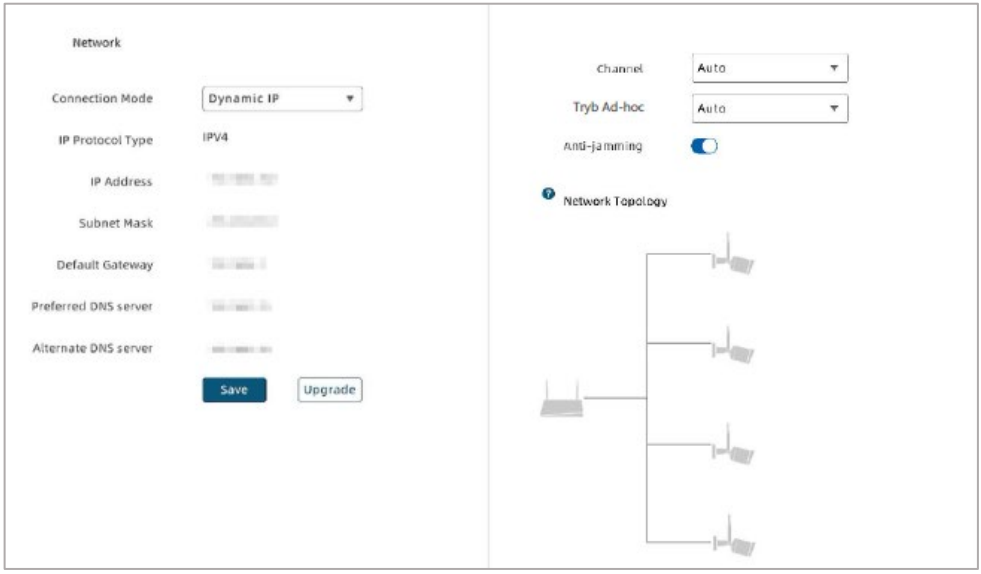
- Language: Click the down arrow and select the desired language.
- Resolution: Click the down arrow and select the desired resolution.
- Auto Logout: Click the down arrow and select an auto locking time. The device NVR will automatically lock if there is no operation within the selected time period. The password will be required to unlock the NVR.
- Time Settings:
    - Click the down arrows to manually select the time zone and date format.
    - Turn on 'Time Sync' to automatically sync the time zone and date format.





Network:

- Connection Mode: Select Static IP or Dynamic IP according to the network environment.
- Channel: Select a Wi-Fi channel.
- Tryb Ad-hoc: Select 'Auto' to make the Wi-Fi steadier and manually cascade the cameras.
- Anti-jamming: Ensure the secure operation of the network by preventing interference or deliberate disruptions, such as jamming attacks.

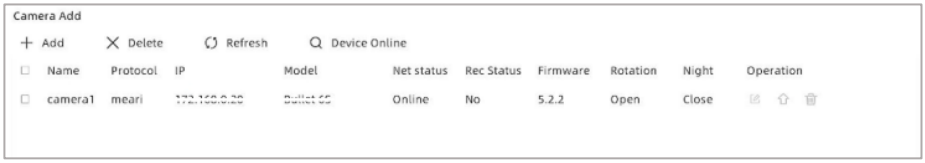


Storage:

- Record:
    - Constant mode: When the hard drive is full, it will start to overwrite the stored recordings from the first frame.
    - All day mode: Set an expiry date for stored footage. Recordings that exceed the expiration time will be automatically deleted.
- Disk: View the hard drive usage and format.

IP Camera:

- Adding a camera:
    - Manually: Click 'Add' and enter the camera information.
    - Search for an online device: Click Device Online to search for online devices on the same network. Click the desired camera, click 'Add' and enter a username and password.
- Modify camera: Click to modify the camera name, address, protocol, port, username or password.
- Delete camera: Select the camera and click Delete or to delete the camera.
- Upgrade camera: Insert a USB with the latest firmware into the NVR USB port and click the icon to upgrade.
- Safety protection: Click to create a password for the added camera. The password must be entered to log in through the app or VMS.



Re-adding a Camera:

If you delete the camera from the channel and want to add it again, there are two methods (for PoE cameras).

Method 1:

1. Click 'Setting' > 'IP Camera' to enter the interface.
2. Click 'Device Online' to search for online devices which are added before and deleted afterwards. Select the needed camera and click 'Add'.

Method 2:

Re-connect the network cable connected to the POE port.

Camera Settings:

- Camera: select a camera channel, main bitrate and video encoding format.

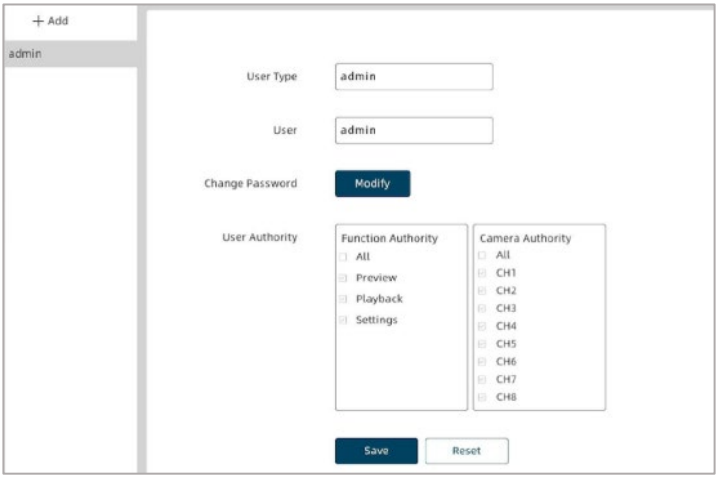
Note:

The following settings of motion detection, person detection and light mode are only for the selected camera channel. Select the corresponding channel to adjust these settings for other cameras.

- Motion detection: Enable/disable the function, select the sensitivity and alarm type, set up a defence time and draw a defence area. Click 'Apply' to save.
- AI detection: Enable/disable the function, select detection type, draw detection area, select sensitivity and alarm type, and set up defence time. Click 'Apply' to save.
- Sound detection: Enable/disable the function, select the sensitivity and alarm type and set up a defence time.
- Light: Select light mode if your cameras support this function.
- Alert Linkage: When the AI detection and motion detection alarms are triggered, both a sound and light alarm will play.

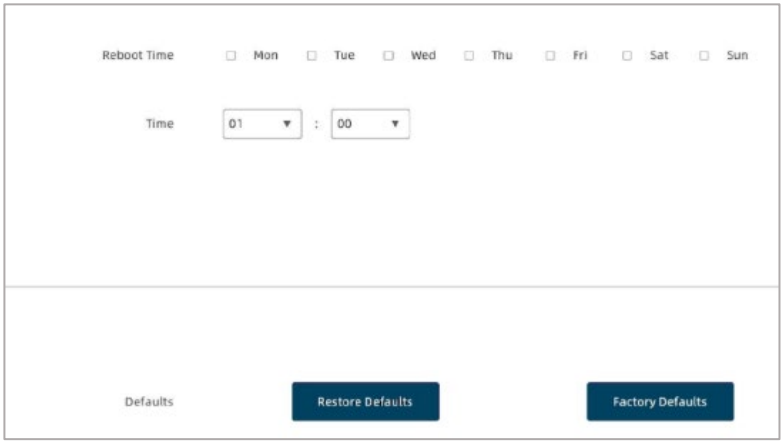
User:

Add or delete users and assign user authorities.



Default:

- Auto reboot time.
- Restore to default settings (all parameters except channel settings are restored).
- Restore to factory settings (restore all parameters to default settings).



System Upgrade:

- View device information.
- Upgrade NVR: Insert a USB with the latest firmware into the NVR USB port. Click 'Check Upgrade' and follow the prompts.

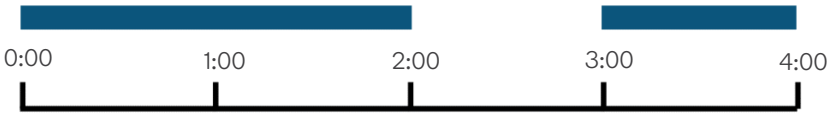
Australian Eastern Daylight Savings Time (AEDT) Function

The AEDT function will automatically turn on if there are AEDT rules in your region.

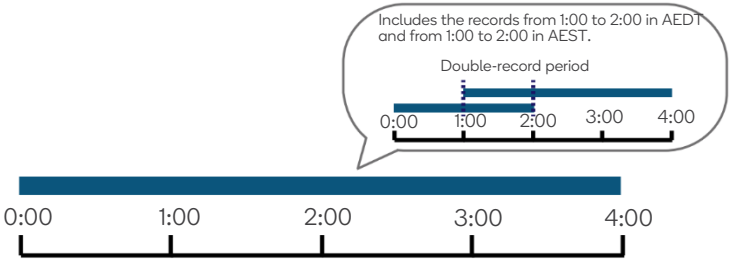
AEDT is the practice of moving the clocks forward one hour from Standard Time during the summer months and changing them back again in the fall.

Display of playback progress bar:

- When AEDT starts, there will be one less hour in the day (2:00 becomes 3:00) and one hour will be missing from the progress bar, but the footage from that hour is not lost.

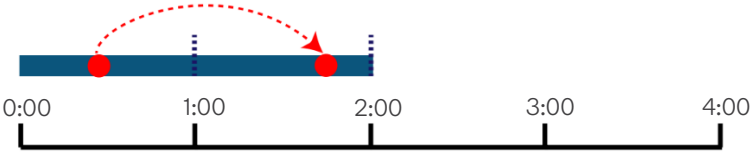


- When AEDT ends, an hour is repeated, so there is an extra hour in the day (2:00 becomes 1:00). The progress bar is displayed as usual; however, the repeated hour will record twice (1:00 to 2:00 in AEDT and AEST).

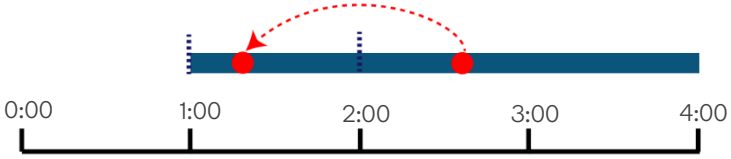


Viewing the playback of the double-record period:

When viewing the playback of AEDT, if you click to view the double-record period, the record of AEDT will be played.



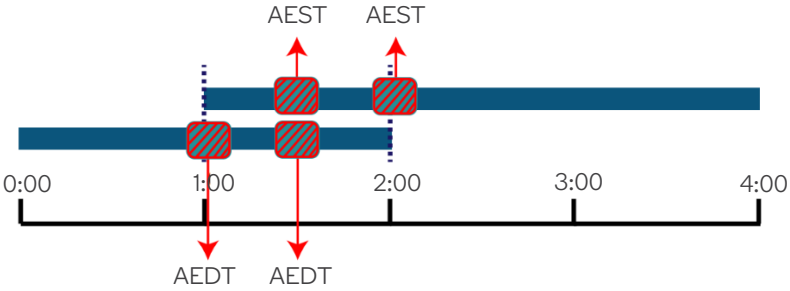
When viewing the playback of AEST, if you click to view the double-record period, the record of AEST will be played.



Video clipping of playback (double-record period):

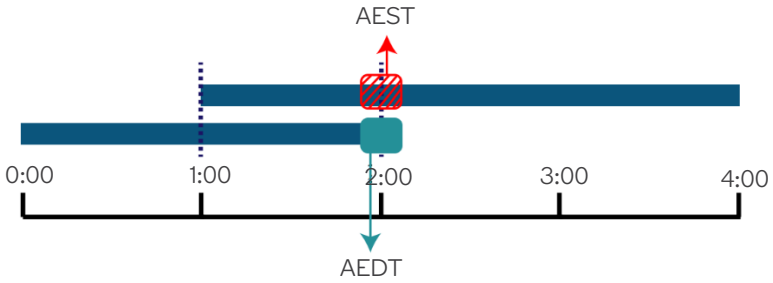
If you view the playback of AEDT and clip the video earlier than 2:00, the clipped video will be in AEDT.

If you view the playback of AEST and clip the video later than 1:00, the clipped video will be in AEST.

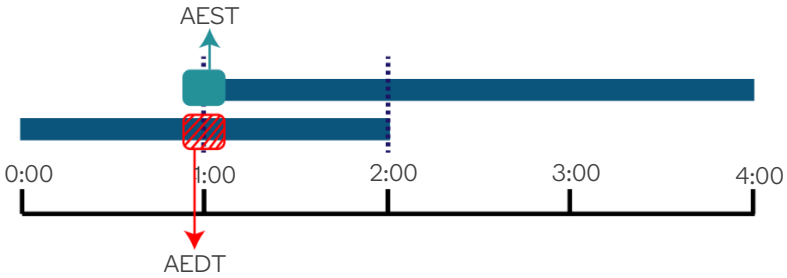


	Selected video
	Actual clipped video

If you view the playback of AEDT and clip the video around 2:00 (across the 2 on the progress bar), the clipped video before 2:00 will be in AEDT and the clipped video after 2:00 will be in AEST.

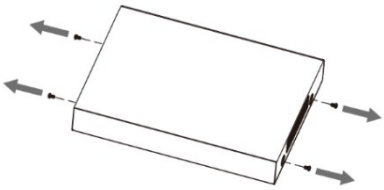


If you view the playback of AEST and clip the video around 1:00 (across the 2 on the progress bar), the clipped video after 1:00 will be in AEST and the clipped video before 1:00 will be in AEDT.

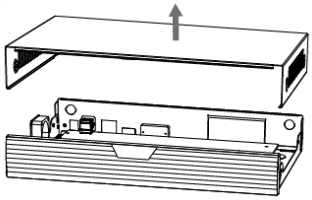


Replace the Hard Drive

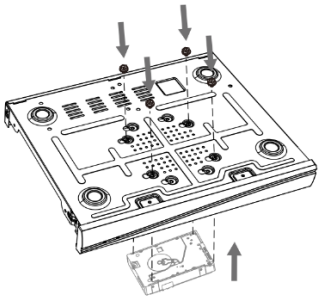
1. Remove the screws from the sides of the NVR.



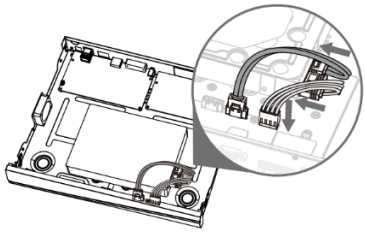
2. Remove the NVR cover and hard drive.



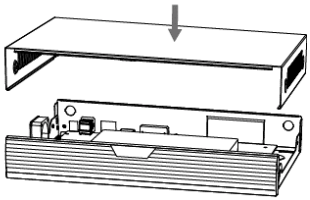
3. Secure the new hard drive (not provided) to the NVR using the 2.5 inch HDD screws (x4) or the 3.5 inch HDD screws (x4).



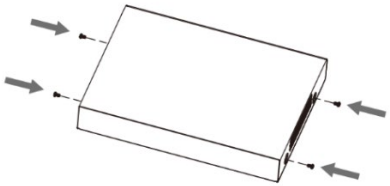
4. Connect the NVR to the hard drive using the HDD power/data cables.



5. Replace the NVR cover.



6. Replace the screws on the sides of the NVR.



NOTES

Need more information?

We hope that this user guide has given you
the assistance needed for a simple set-up.

For the most up-to-date guide for your product,
as well as any additional assistance you may require,
head online to **help.kogan.com**

kogan.com