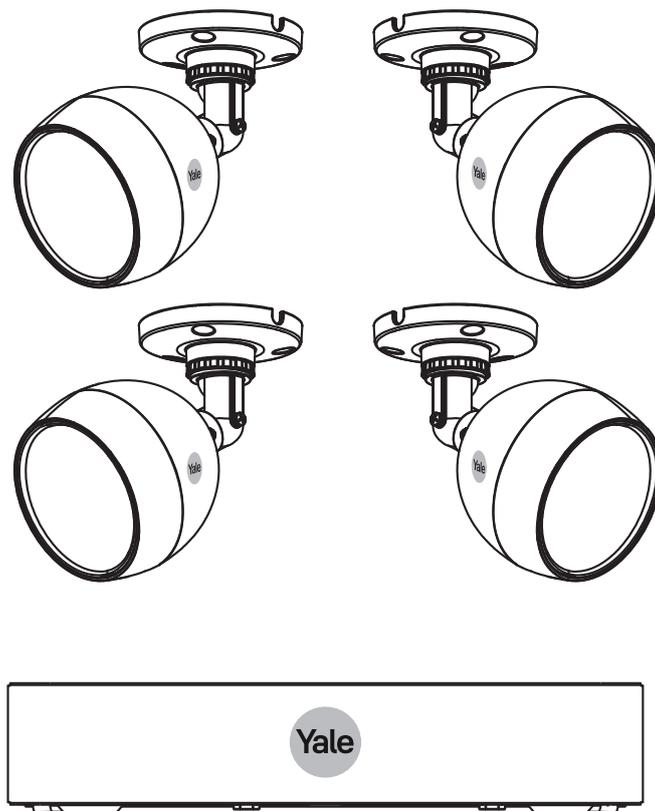




Smart Motion CCTV User Guide

2 cam / 4 channel kit = YSV-2CSMD-4CK
4 cam / 8 channel kit = YSV-4CSMD-8CK
Single Camera Extension Kit = YSV-1CSMD



This manual will guide you through the standard settings and operations for normal residential CCTV usage. The system is based on a professional system and may contain advanced features and settings that are typically not needed for residential use.

This manual may be continuously updated and be available at www.yalehome.co.uk/support

Index



Section	Page
1 Plan the camera location Connect cables as described in the Quick Start Guide that was included in the Kit	03
2 Download App - Personal registration in the App (It is better to have the App ready before starting the setup of the system.)	04
3 Initial camera set-up 	05-06
4 Adding WiFi/IP cameras to the system 	07-09
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7 Setting up recording and motion detection	13
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9 Backing up a video sequence	15
10 Adding an additional WiFi camera after initial set up	16
11 Moving WiFi camera up in the channel list	17
12 Notification via email and App message	18
13 System information	19
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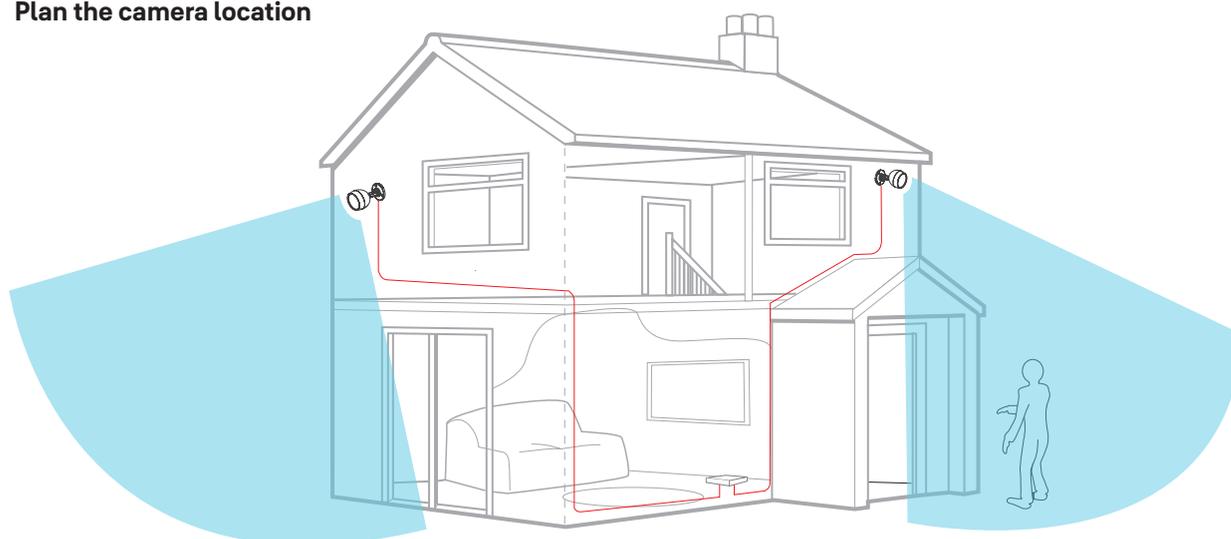
1

Plan Camera Locations and Connect Cables

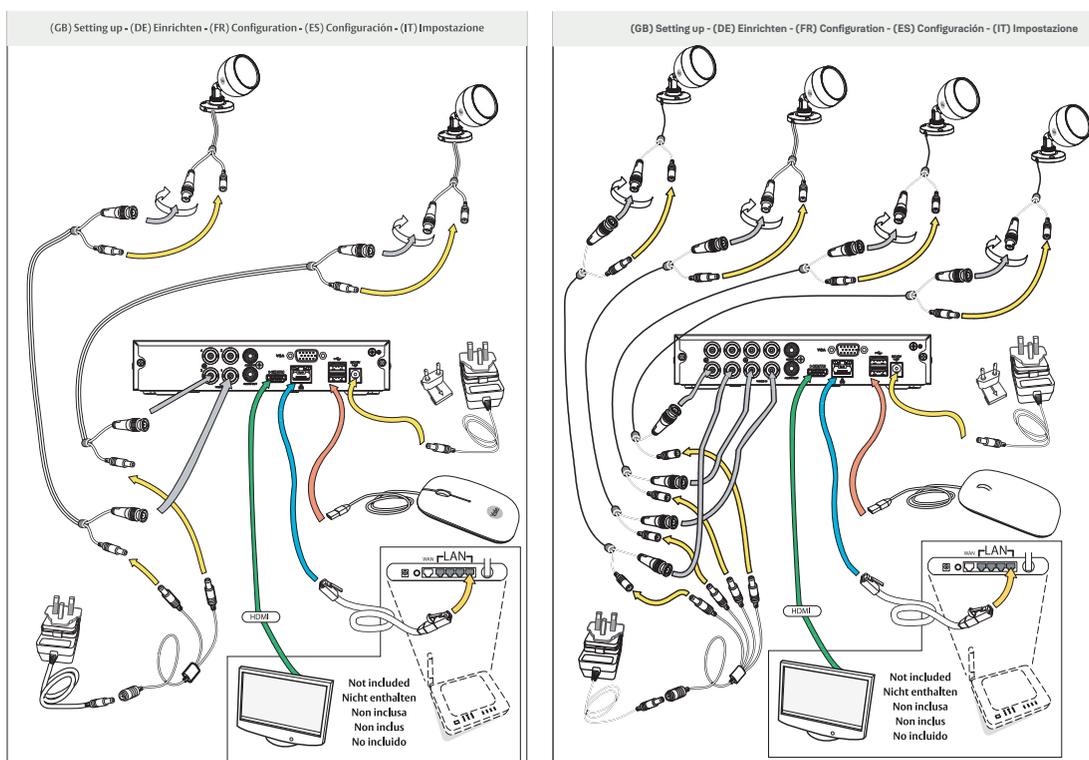


It is the users responsibility they make sure to follow the local regulations for setting up camera surveillance.

Plan the camera location



Connect cables according to the quick start guide that came with your kit.



XVR recorder can be connected to a TV or monitor with a HDMI port. Can also be connected to a VGA monitor (VGA cable not included).



If the distance between your router & the planned location for the XVR (near a TV or monitor) is too great for the ethernet cable, we recommend purchasing a Powerline Adapter to connect the XVR to your router.

2

Download App - Personal Registration in the App

Scan QR Code to download App for Android or iOS:

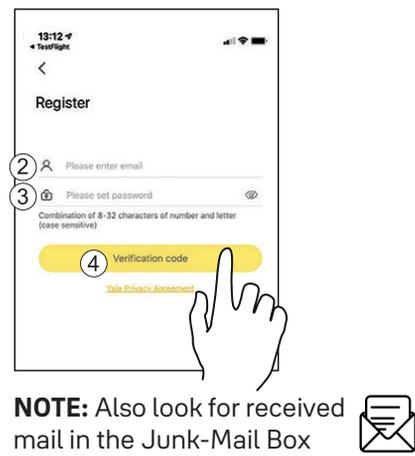


Personal registration in the App

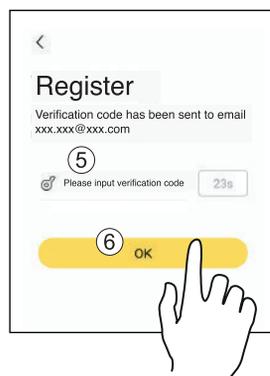
1. Click 'Register'



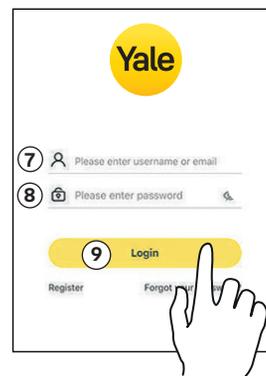
- 2. Enter email
- 3. Choose a password
- 4. Click 'Verification Code'



- 5. Enter verification code
- 6. Click 'OK'



- 7. Now you can log in: Enter your username or email
- 8. Enter your password
- 9. Click 'Login'



3

Initial Set Up - XVR Set Up Via TV / Monitor

Follow on-screen instructions

Device Initialization

Region: United Kingdom

Language: English

Video Standard: PAL

Next

① Choose Region, Language, Video Standard (PAL in UK and Europe)

Click **Next**

Device Initialization

Time Zone: (UTC+00:00) Dublin, Edinburgh, Lisbo...

System Time: 2021-04-23 11:11:37

Next

② Set Time Zone, Date and Time

Click **Next**

Device Initialization

1. Password Setting → 2. Unlock Pattern → 3. Password Protection

Username: admin

Password: [Redacted]

Confirm Password: [Redacted]

Password Hint: [Redacted]

Next

③ Choose **Password**



(Click in box and keyboard display will appear)



Confirm **Password**
Choose **Password** hint

Click **Next**



Write down the password!
This will be your master key
to access vital functions in
the system.

Device Initialization

1. Password Setting → 2. Unlock Pattern → 3. Password Protection

Draw the unlock pattern.

Previous Skip

④ Draw unlock pattern
(Min. 4 dots)

Draw again to confirm Draw unlock pattern

Click Skip if you do not want an unlock pattern, though
we recommend keeping for security purposes.



Remember this pattern!
This will be your quick key to
access the system.

3

Initial Set Up - XVR Set Up Via TV / Monitor

Device Initialization

1. Password Setting → 2. UnlockPattern → 3. Password Protection

Email address For password reset. Recommended or improved in time.

Security Question

Question 1 What is your favorite children's book?

Answer

Question 2 What was the first name of your first boss?

Answer

Question 3 What is the name of your favorite fruit?

Answer

5 Input email address and ensure the slider switch is coloured yellow. (recommend using the same one as used for the Yale View App)

Enable the tab for security questions, yellow denotes it is enabled.

Complete **Security Questions** (recommended)

Click **OK**

i We strongly recommend inputting an email address in the instance the password is forgotten and a password reset is required.

Startup Wizard

Welcome to use startup wizard. The wizard will help you to set important parameters. Click Next to continue.

Auto Check for Updates

Notify me when updates are available. The system checks for updates daily.

To inform you of the latest firmware updates for your device, we need to collect device info such as IP address, device name, language preference, firmware version, device SN, etc. All collected info is used only for the purposes of verifying device validity and pushing update notifications. You can withdraw your consent at any time by opening MAINTAIN->Manager->Update on device interface.

Click **Next**

i Leave Auto Check box ticked. (This will automatically keep your system updated, when connected to the router).

TCP/IP

NIC Name	IP Address	Network...	NIC Member	Modify	Unbind
NIC1	192.168.1.108	Single NIC	1		

IP Address: 192.168.1.108 Default Gateway: 192.168.1.1 MTU: 1500

MAC Address: 24:52:6a:dc:6e:dd Subnet Mask: 255.255.255.0 Mode: DHCP

IP Version: DHCP

Preferred DNS:

Alternate DNS:

Default Card:

Click **Next**

i Advanced setup, leave as is.

4

Initial Set Up - Adding Cameras

Choose one of the two options
(can be changed later if you should want to add or remove cameras from your system)

A



B

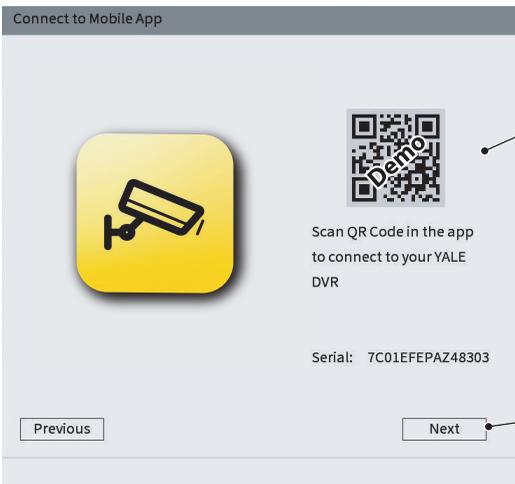


Click NO if you only have **wired cameras**
(Wi-Fi cameras can be added later if needed)

Click YES if you are also adding **Wi-Fi camera(s)** (also known as IP cameras)
(Sold Separately)

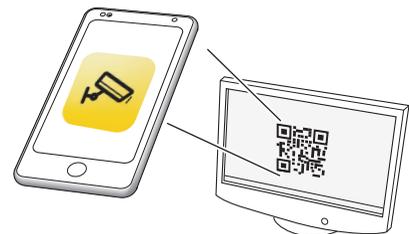
Wi-Fi camera setup continues on next page

4a



If you want remote access to your system via the Yale View App, (recommended) scan the QR code on screen to connect to your XVR System (If not click NEXT).

The App needs to be installed and registered before scanning.



Please Note: serial number shown in this manual is an example not the actual serial number.

Note

Congratulations, your Yale CCTV is now ready to use!

Please visit www.yalehome.co.uk/support for more information about your new CCTV system.

OK

Click **OK**

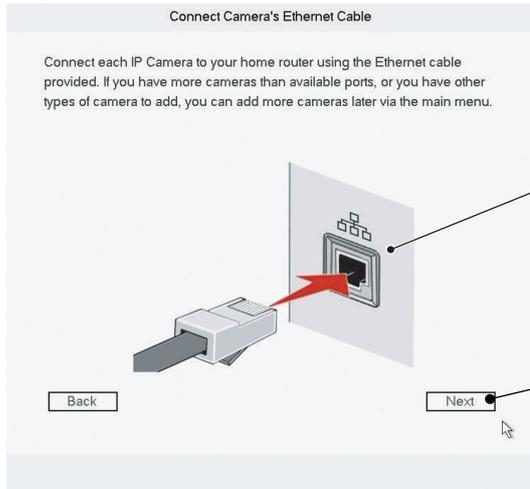
i The XVR system is now turned ON and cameras are recording. System is as default running in "General Mode", which means that cameras are recording 24 hours a day and will overwrite the hard drive when full. Other "Modes" and backing up recorded video will be explained later in the manual. Go to page 9.

4

Initial Set Up - Adding Cameras



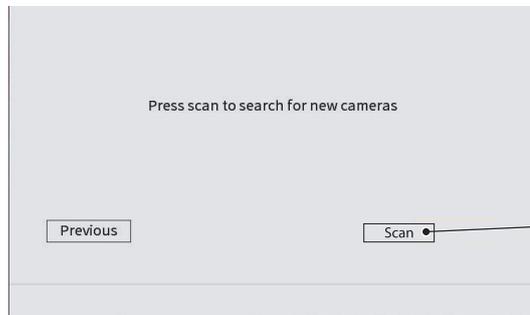
XVR unit needs to be connected to your router, before you can connect camera.



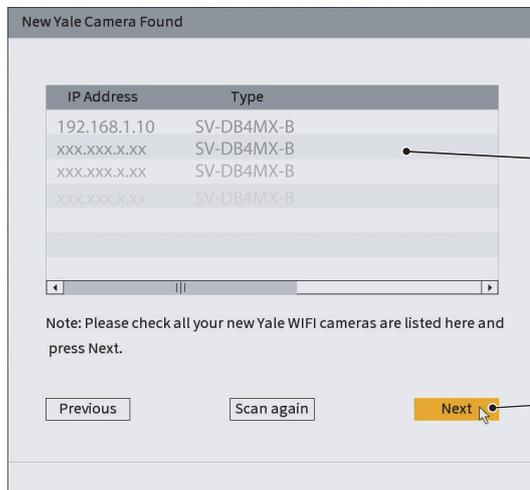
- ① Connect Ethernet cables as described in the Quick Start Guide included in the box with the Kit.

Additional WiFi cameras can be added later, via the main menu.

Click **Next**



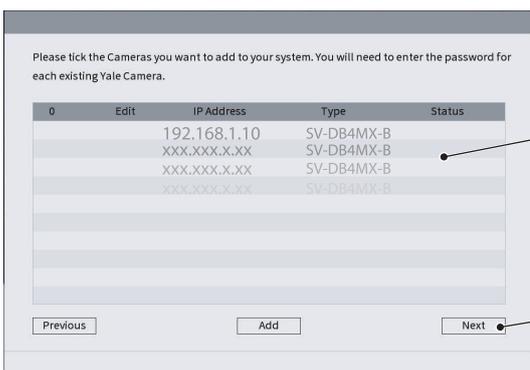
- ② Click **Next**



- ③ All your cameras should be shown here.

If any are missing, please check the power and ethernet cables are connected to the router and XVR, then click scan again

Click **Next**

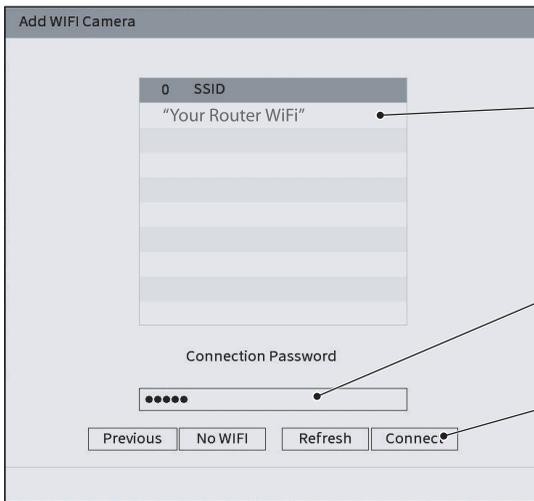


- ④ Select which cameras you would like to add. You will need to enter your password for each existing Yale Camera.

Click **Next**

4

Initial Set Up - Adding WiFi Cameras



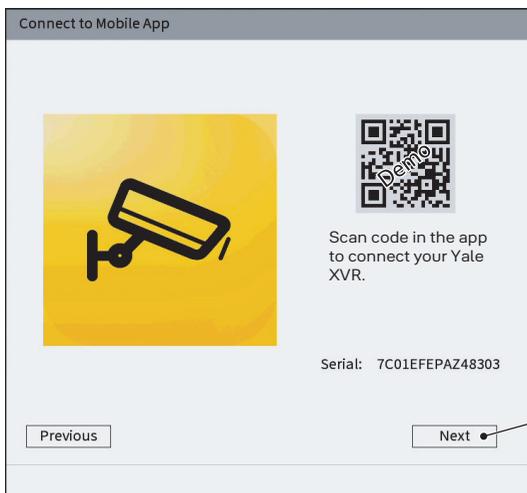
5 Select the router you want to connect to.

Insert the WiFi password for your router.

Click **Connect**



You can now unplug the ethernet cable from your WiFi camera. It is now wirelessly connected to your router. Camera power can be unplugged and then plugged in again when mounted in the desired location, within range of the router.

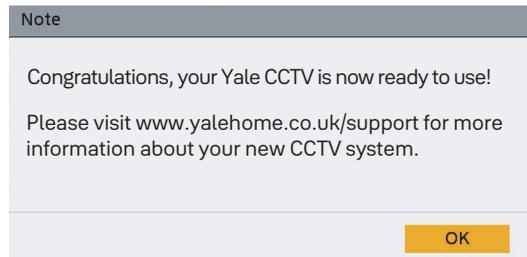


6 If you want remote access to your system via the Yale View App (Recommended) scan the QR code on screen to connect to your XVR system. (If not click NEXT).

Click **Next**



Please note: Serial number shown in this manual is an example not the actual serial number.



6 Click **OK**

Wi-Fi camera setup is now complete.



The Yale Smart Motion CCTV Kit is flexible, enabling you to set the system according to your personal requirements, for example - select number of cameras, add WiFi cameras, choose camera settings, set detection area, schedule recordings, etc.

The following pages detail how to do this, step by step.

5

Main Menu Overview

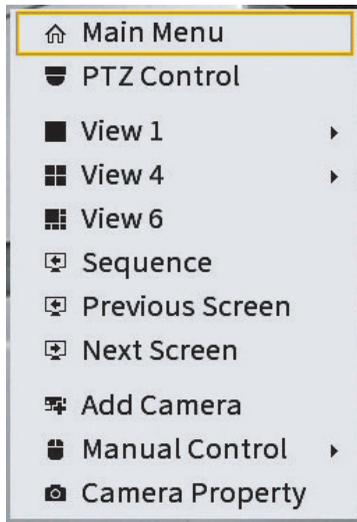
Once the initial set up is complete, you should see the Live View screen, which will show different channels relating to your CCTV kit, as image below.



Right Click in the Live View screen > brings up the Top Menu.

Right Click anywhere else to take you to the < previous page

Top Menu



Main Menu > Next page

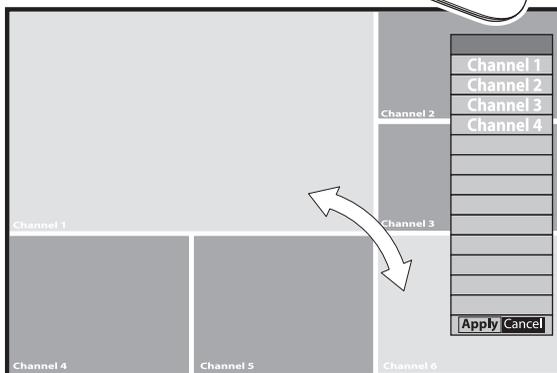
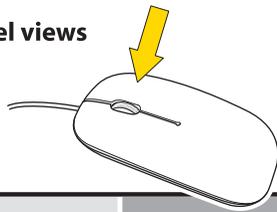
(PTZ and Image, not in use with this model)

Different view options for the live view screen
(View options can change with different camera settings)

Add additional cameras after initial set up

Colour Setting and Display. Options for live view screen

Rearrange Channel views



Channel Windows can be rearranged to focus on a particular camera view.

- 1 **Right Click** anywhere on screen > **Sequence**
- 2 Drag channel boxes to switch channel views
- 3 Click **Apply**

5

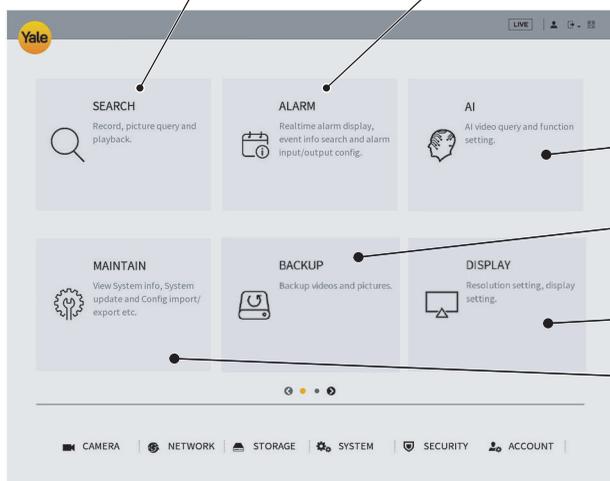
Main Menu Overview

Main Menu

Search: Search for and playback recorded video by date and time. Or use the Smart Motion Detection feature to search by Human or Vehicle.

Main Menu page 1

Alarm: Alarm information and motion detection settings



AI: Smart Motion Detection (SMD) settings.

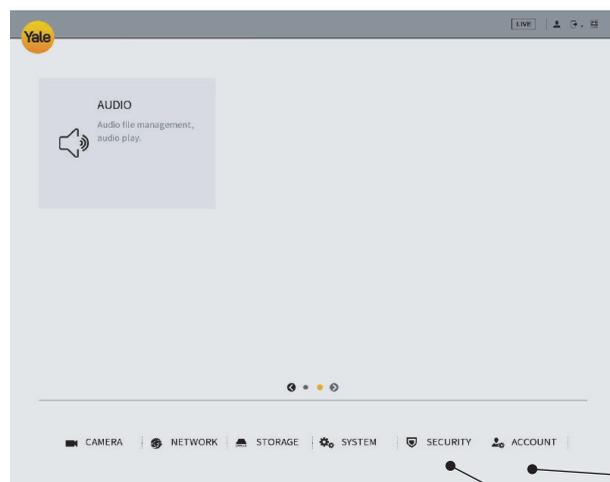
BACKUP: Plan backup of recorded video, to external media (USB)

Display: Display settings

Maintain: Maintenance and Auto Reboot settings + Restore default settings

i Note: SMD - Smart Motion Detection works across all channels - depending on how many channels the unit has (4 or 8).

Main Menu page 2



i Here you can personalise system settings and adjust recording event triggers.

Account: Account settings

Security: Here you can change your password or add a user

SYSTEM: System settings (Date & Time)

STORAGE: Time planning (Schedule) for recording and HDD tools (REC Estimate)

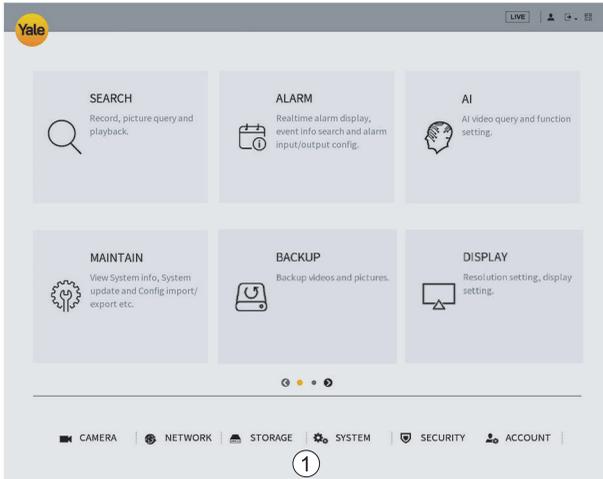
Network: General network settings (Email)

CAMERA: General camera settings

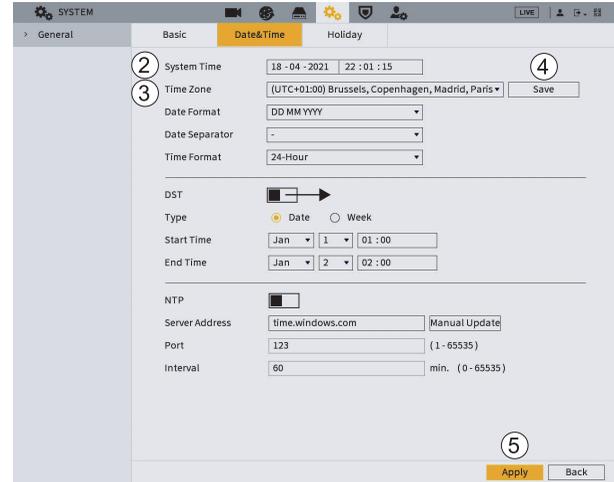
6

Setting Date, Time and Language

System settings: The instructions on this page are all accessed via the **SYSTEM** tab on the Main Menu



Setting Date and Time

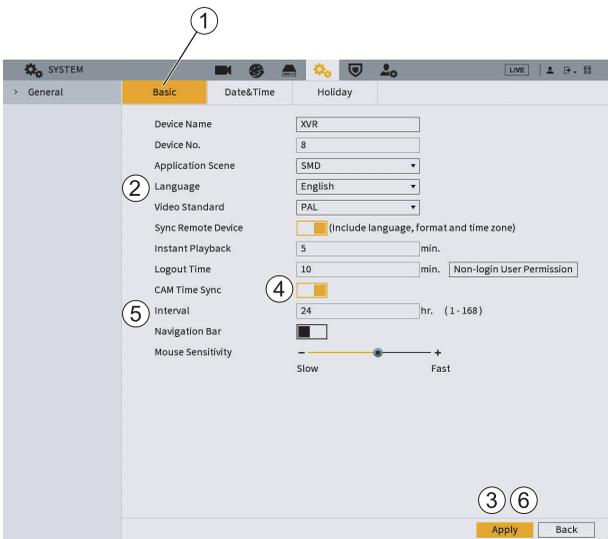


- ① Go to **SYSTEM>General>Date & Time**
- ② Set Year, Month, Date and Hour, Minutes
- ③ Set your time zone according to GMT
- ④ Click **Save**
- ⑤ Click **Apply**

i Ensure DST is selected appropriately.

- It should be turned on (slider becomes yellow) with the move into Daylight Saving Time in March.
- It should be turned off when Daylight Saving Time ends in October.

Setting System Language



- ① Go to **SYSTEM>General>Basic**
- ② Select the language from the drop down menu
- ③ Click **Apply**



Synchronising WiFi camera time.

Only needs to be set if WiFi cameras are being connected

4) In Cam Time Sync, slide to yellow to activate

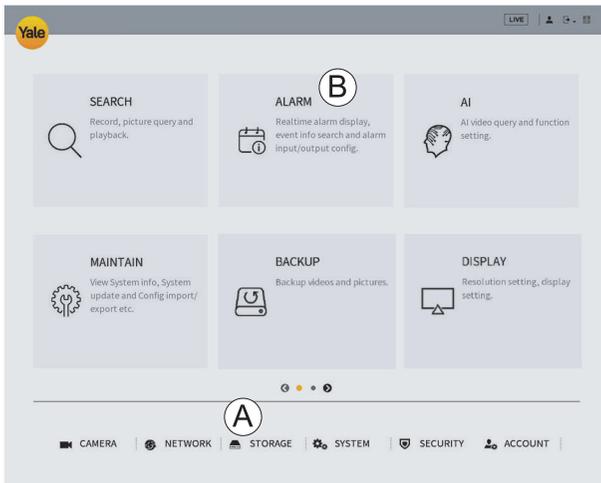
5) In Interval, set the interval at which the WiFi camera will be synchronized (24 hours, recommended)

6) Click Apply

7

Setting Up Recording and Motion Detection

Setting up recording schedule for SMD - Smart Motion Detection - to detect Human, Vehicular or both.



Go to Main Menu

Step A: Click **STORAGE** (A)

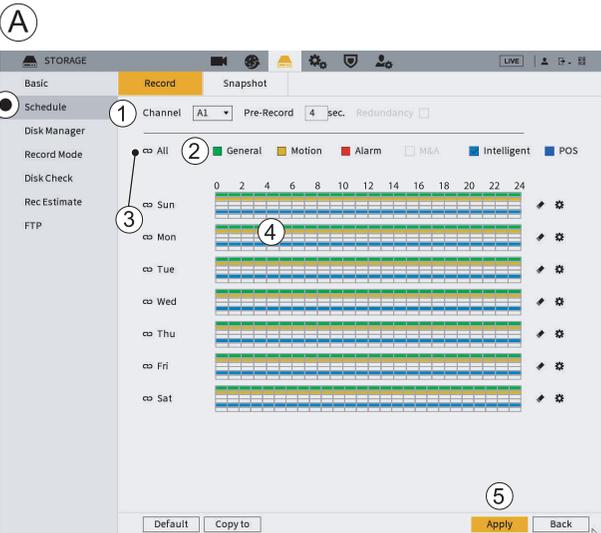
To set up a **SCHEDULE** (week planning) for recording and event triggers

Step B: Click **ALARM** Follow (B)

To set up **VIDEO Detection** and motion triggers from recording, recording and event triggers



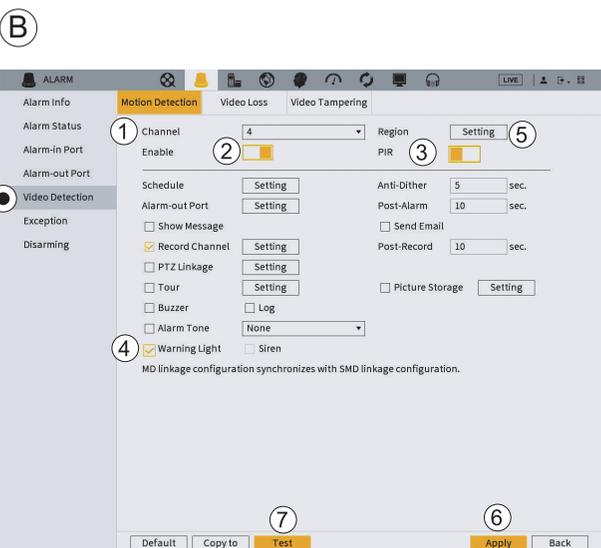
Please note that you need to mark the schedule for all Modes, for the system to record both general recording, and events triggered by Dual Detect Technology.



Step A: **Schedule > Record**

- 1 Select Channel (Channel=Camera) or select **All** to have the same schedule for all cameras.
- 2 Select Mode(s): **General** = Schedule video recording
Motion = Schedule smart motion detection
Alarm = Schedule alarm
- 3 Select Day(s) in the week or All
- 4 Drag the coloured bars to select the required time frame (in hours) (Drag again to delete bar or press the erase symbol)
- 5 Schedule can be amended for any/all modes and any/all days by clicking Once complete click OK.
- 6 When you have scheduled recording for one Channel - click Apply and continue to next Channel.

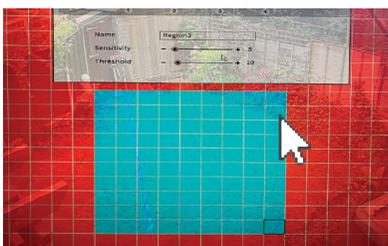
Click **Default** to take you back to factory setting.



Step B: **Video Detection > Motion Detection**

- 1 Select **Channel** (Channel=Camera). Each channel needs to be set up separately.
- 2 **Motion Detection** is enabled by default - indicated by yellow slider switch.
- 3 **PIR** is enabled by default (yellow slider denotes it is on)
- 4 **Warning light** is enabled by default, illuminating upon motion detection.
- 5 Click **Setting** to change the coverage & sensitivity in the cameras field of view. Default is the whole field of view set for 1 area and 1 level of sensitivity. This will show as a red grid, indicating the whole view is active.
 - 5.1 Move cursor to the top of the screen to enable drop down menu.
 - 5.2 Select a region. Up to 4 regions within the field of view can be set with differing sensitivity levels.
 - 5.4 Click or drag to select/deselect areas, for each region.
 - 5.5 Select the sensitivity level.
 - 5.6 Right click to exit this screen.
- 6 **Apply** and continue to next channel
- 7 Click **Test** to check motion detection is working as planned. (Buzzer can be activated to test motion detection)

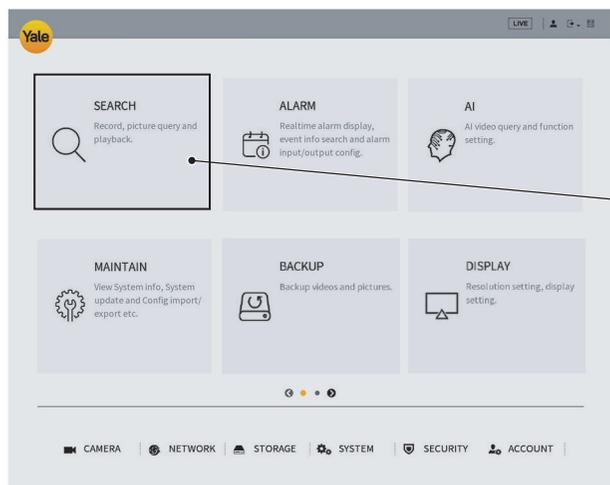
Click **Default** to take you back to the factory setting.



8

Searching in Recorded Video

Searching in recorded video by Time/Date, Motion detection

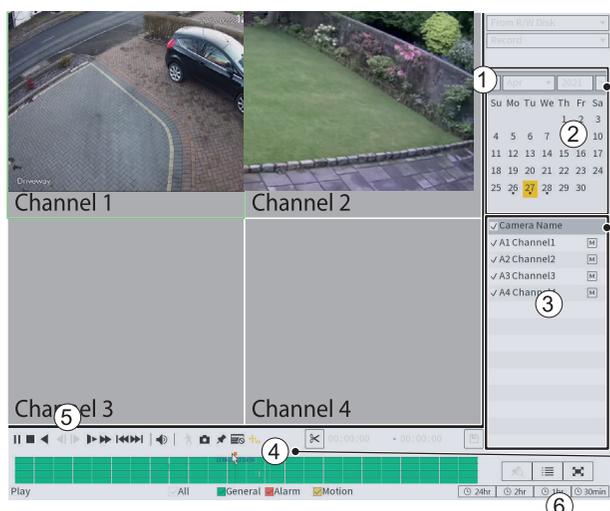


i When you have setup your system, this menu is where you can find video recordings to investigate or document events.

Main Menu > SEARCH

Search for and playback recorded video by date & time or by searching for human or vehicular shapes

SEARCH



How to find a recording:

- 1) Select **Year and Month**
- 2) Select **Day**

Set up display:

- 3) **Tick** to Select which **Channels to watch**

! No changes can be made in the search window while video is playing. Stop video to change parameters.

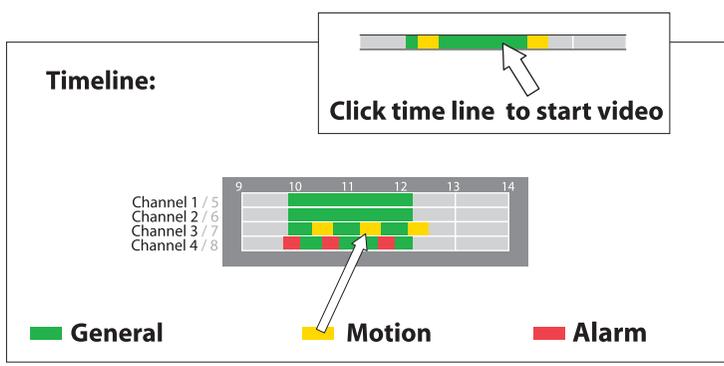
24 hour timeline:

- 4) Click timeline to view recording.

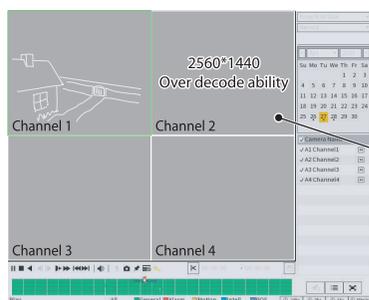
5) Controls for play back:

- ▶ Play
- Stop
- ◀ Play (backwards)
- ◀▶ One frame steps (Only when paused)
- ▶ Slow Playback (x1/2 / x1/4 / x1/8 x / x1/16)
- ▶ Fast Playback (x2 / x4 / x8 / x16 / 1min / 3min / 5min / 15min / 30min)

6) Zoom timeline:



! For instructions on how to set up recording schedule to ensure that you record all modes (General, Motion, Alarm), please see p.13.



! If you have WiFi camera(s) with wired camera(s), single view must be used to see the WiFi cameras. WiFi cameras are high resolution and can not be viewed at the same time as wired (HD 1080) cameras. They must be viewed in single view, separately.

9

Backing up a Video Sequence

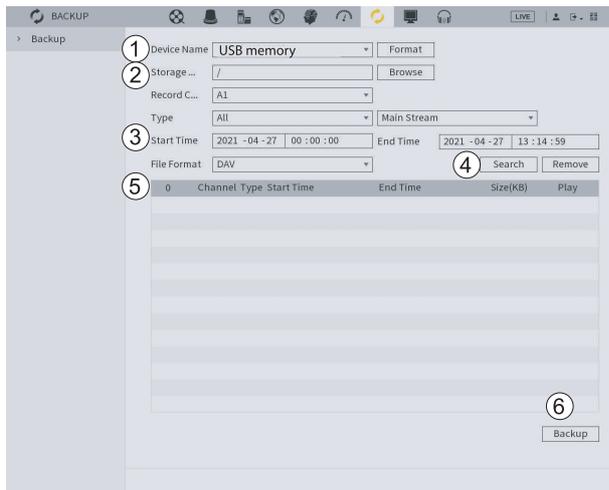
Backup from BACKUP Menu



Main Menu > **BACKUP**



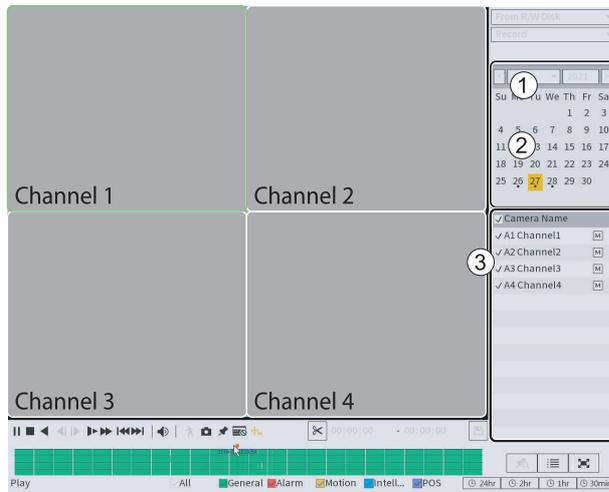
External storage media, HDD or a USB memory stick, need to be plugged in to the USB port (back of the XVR unit)



Save a video sequence to external memory

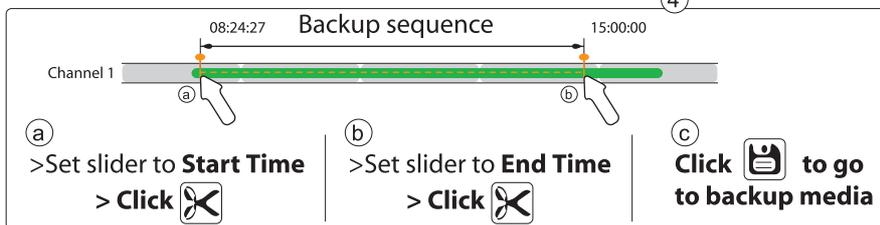
- ① Setup backup device (USB Memory Stick / USB HDD)
Device name will appear in the window.
- ② Select **Storage Path** on USB drive
- ③ Set **Start and End - Date / Time** to backup
- ④ Click **Search** to open the list of videos
- ⑤ Set **Channel**
- ⑥ Click **Backup**

Backup from SEARCH Menu



Save a video sequence to external memory Using the timeline to select period

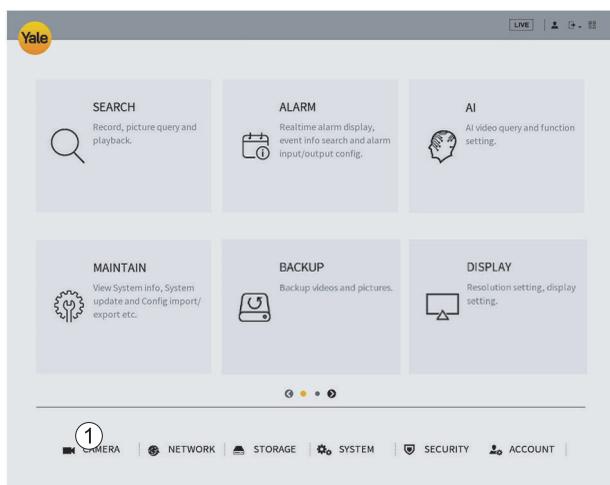
- ① Select **Year and Month**
- ② Select **Day**
- ③ Select which **channel to Backup** from
- ④ **Set slider like this**
- ⑤ Select **USB device**
- ⑥ Click **Backup**



Adding a WiFi Camera to your XVR

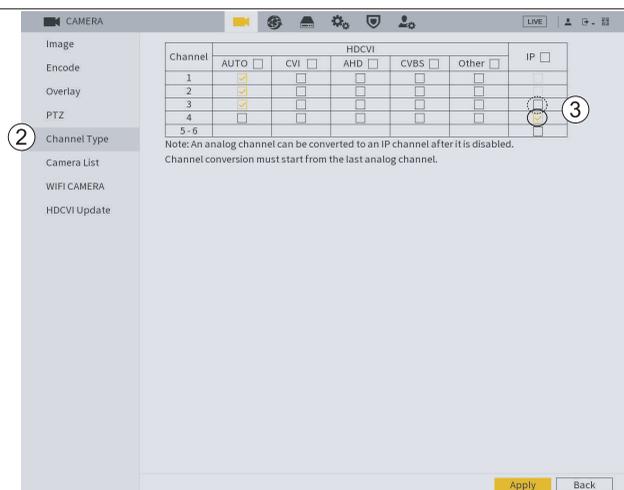
10

Adding a WiFi Camera to your XVR



Make sure the relevant Yale WiFi/IP camera has been paired with the same router as the CCTV and is working! See manual that came with WiFi camera.

① Main Menu > Camera



② Go to Channel Type

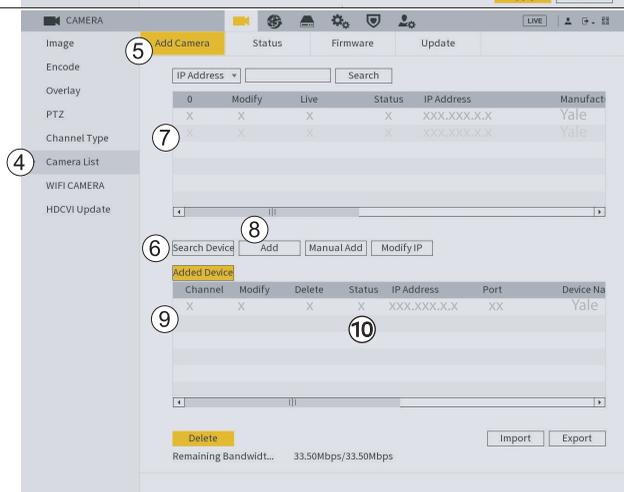
③ Tick IP



If channel 5 (on a 4 channel XVR) OR channels 9 and 10 (on an 8 channel XVR) are used for a WiFi camera, this will disable the Smart Motion Detection functionality across ALL channels. To maintain this feature only use up to the maximum numbers of channels for your relevant model (4 or 8)



Setting up the WiFi camera:
Follow the manual that came with the IP Camera.



④ Go to Camera List

⑤ Go to Add Camera

⑥ Click Search Device. All detected cameras will show in the upper table

⑦ Select required Camera

⑧ Click Add

⑨ Click Modify Selected camera should now be visible in the lower table. Click the pencil symbol in the Modify column. Click modify to get correct username/password for camera.



Username and password of the camera needs to be modified if they are not the same as XVR system's username and password.

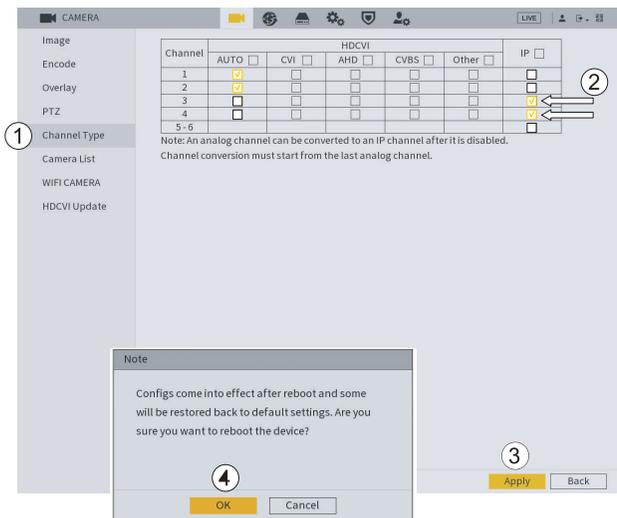
⑩ Status indicator turns Green to show correct connection and picture shows in Live View

Camera is now active.

11

Moving WiFi Camera in the Channel List

Rearranging WiFi camera in channel list

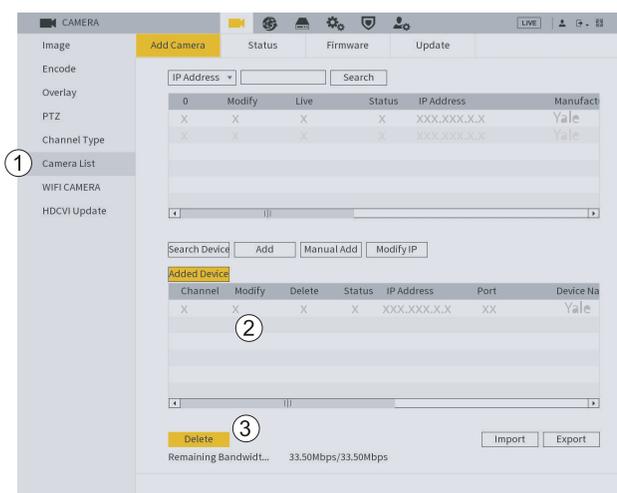


i How to move WiFi camera up the channels list for simpler overview when searching and in the App.

Main Menu > Camera

- ① Go to **Channel Type**
- ② Decide which channel you are changing and tick the relevant box in the IP column. This will deselect this channel in the Auto column.
Work down the channel list in order, connecting wired cameras first, then move onto any WiFi cameras. In this example there are 2 wired cameras, so the next available channel is number 3.
- ③ Click **Apply**
- ④ Click **OK**

System will then reboot.



After reboot Right Click > Main Menu > Camera
Your cameras will have to be deselected and added again.

- ① Go to **Camera List**
- ② Select the relevant camera by ticking the box.
- ③ Click to remove camera(s)

To reinstall the cameras please refer to section 10.

12

Setting Up Mail and App Notification

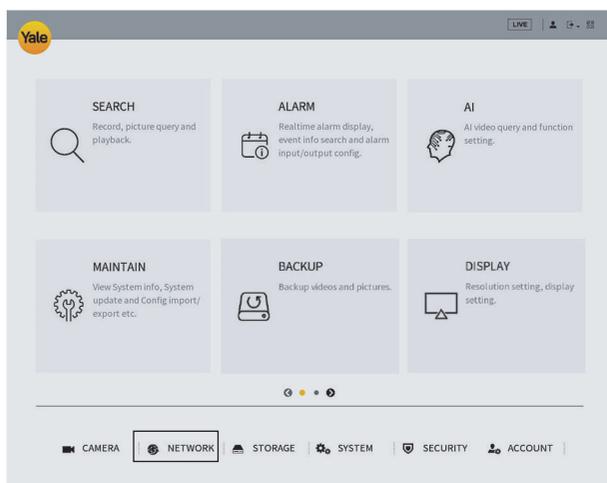


ON OFF

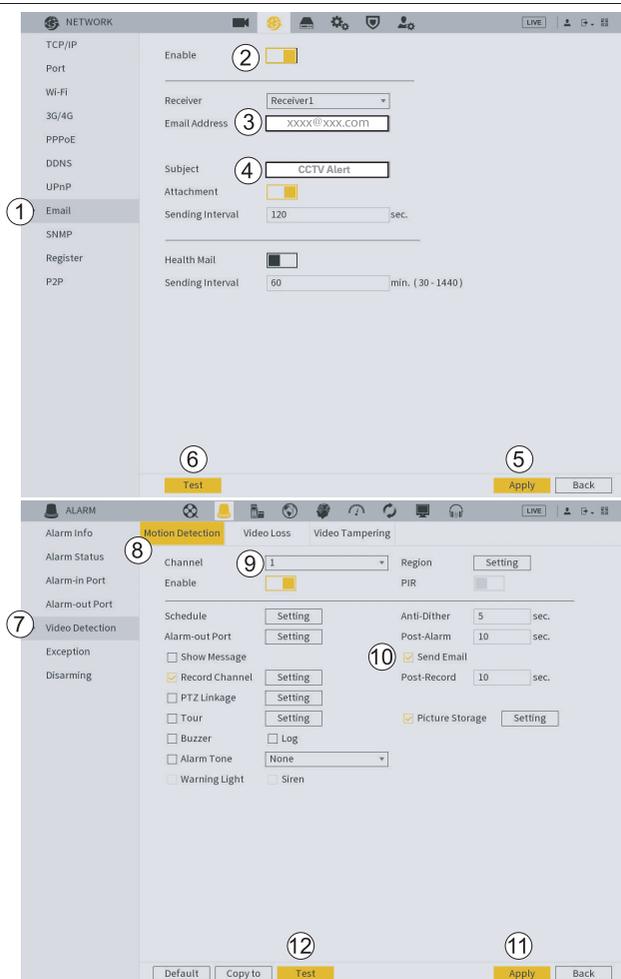
i You will receive a push notification every time motion is detected via the App. You can also adjust settings in the app, view live feed & view history.

If you would like to receive email notifications, please follow the below steps.

Setting notifications to send message to you via mail and App.



Main Menu > NETWORK



- ① Go to **Email**
- ② Slide to **Enable** (yellow denotes it is on)
- ③ Write your email in **Email Address**
- ④ Write something in **Subject**
(this will make it easy to recognise the email)
- ⑤ Click **Apply**
- ⑥ Click **Test** (the system will now send a test mail)

Main Menu > ALARM

Activating email notification on motion detection.

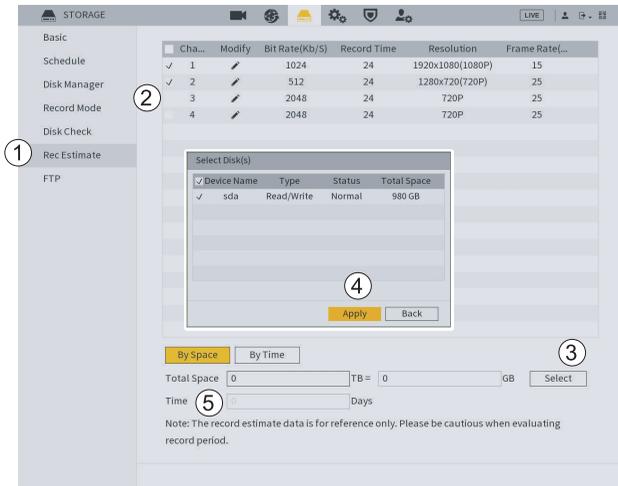
- ⑦ Go to **Video Detection**
- ⑧ Select **Motion Detection**
- ⑨ Select **Channel** and ensure that the enable box is turned on and highlighted yellow, set as default on the wired CCTV cameras
- ⑩ Tick **Send Email**
- ⑪ Click **Apply**
- ⑫ Click **Test** (the system will now send a test mail)

i The system will now send you an email every time motion is detected.

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System Information

Estimating recording time on the hard drive.



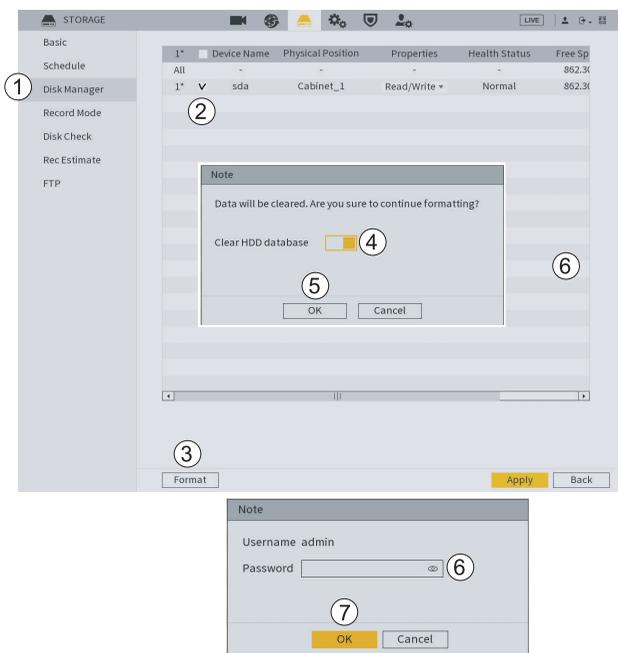
Main Menu > Storage

Harddrive recording time estimated

- ① Go to **Rec Estimate**
- ② Check that all Cameras/channels are ticked.
- ③ Click **select**
- ④ In the pop up menu Click **Apply**
- ⑤ Time will now show an estimate of time left to record.

If recording over-runs the hard drive capacity, it will as default overwrite the oldest recording.

Formatting / erasing the hard drive.



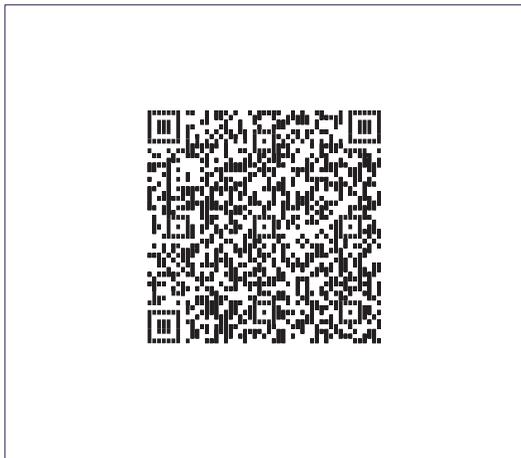
Main Menu > Storage
Warning this will erase all recordings on your hard drive.

- ① Go to **Disk Manager**
- ② Tick to **select hard drive**
- ③ Click **Format**
- ④ Slide to **Yellow** for **YES**
- ⑤ Click **OK**
- ⑥ Insert **Password**
- ⑦ **(This will erase the data on your hard drive)**
Click **OK** to accept

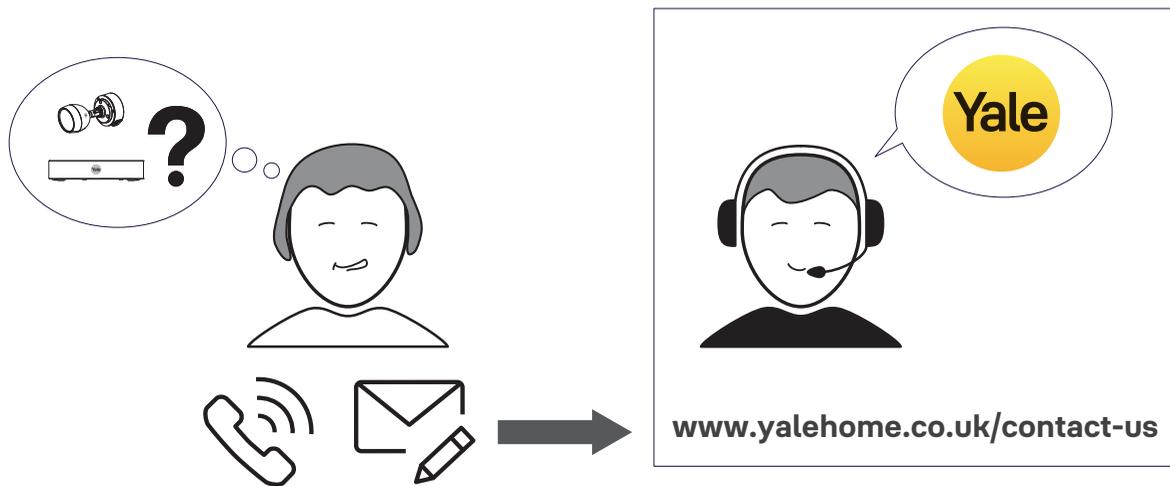
The system will now restart.

i Support

For further help & advice on how to set up your device please scan the QR code below, which will take you to the relevant Product Support Page, or please visit www.yalehome.co.uk/support.



Alternatively, you can contact our Customer Support Team directly. For more details, visit the website below.



www.yalehome.co.uk



www.yalehome.co.uk/guarantee



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YSV-2CSMD-4CK / YSV-4CSMD-8CK / YSV-1CSMD

Version: May23