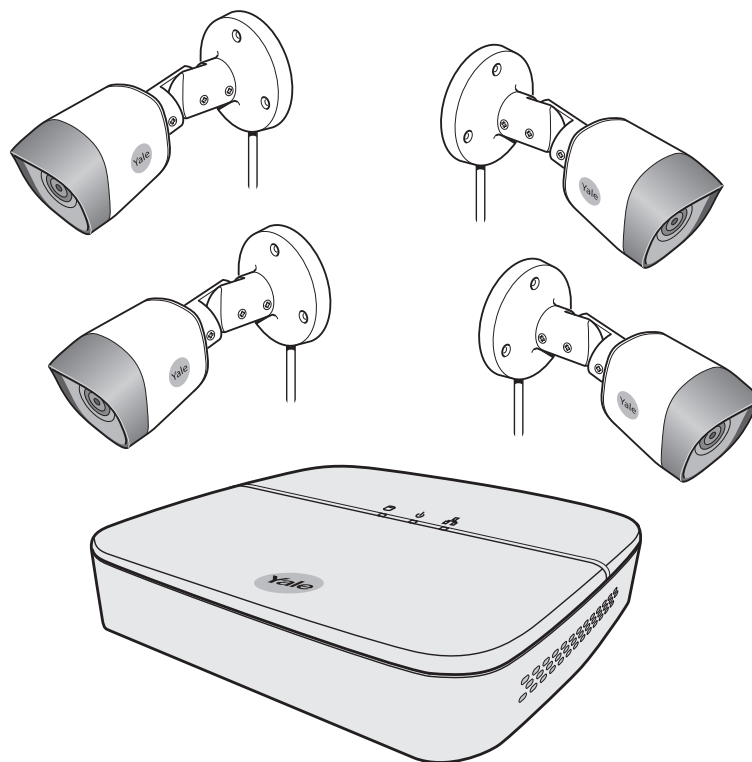




CCTV Menu Operations Essentials

SV-4C-2ABFX-2 V2
SV-4C-4ABFX-2 V2



Disclaimer!

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 will be continuously updated and be available at www.yalehome.com/manuals.

Part of ASSA ABLOY

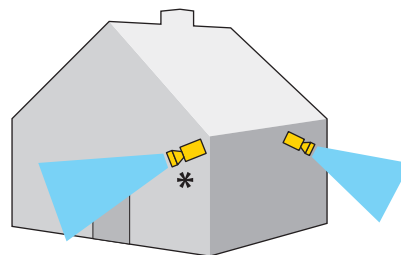
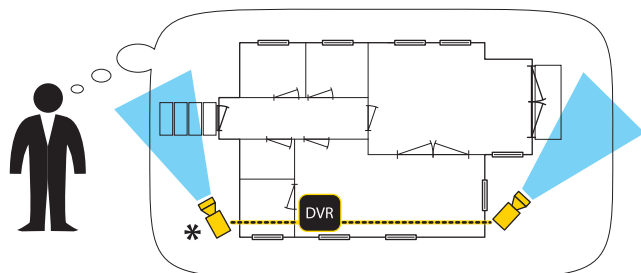
(GB) Index



Section	Page
1 Plan the camera location Connect cables as described in the manual 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
Initial setup: 3  Wired Kit	05-07
4  Adding WiFi camera to the system (Accessorie).....	08-09
5 Menu overview	10-11
6 Setting Date and Time - Synchronizing WiFi camera time	12
7 Setting up recording and motion detection	13-17
8 Searching in recorded video	18
9 Backing up a video sequence	19
10 Adding a WiFi camera	20
11 Moving WiFi camera up in the channel list	21
12 Notification via email and App message	22
13 System information	23
Yale info and help desk	24

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

Plan the camera location

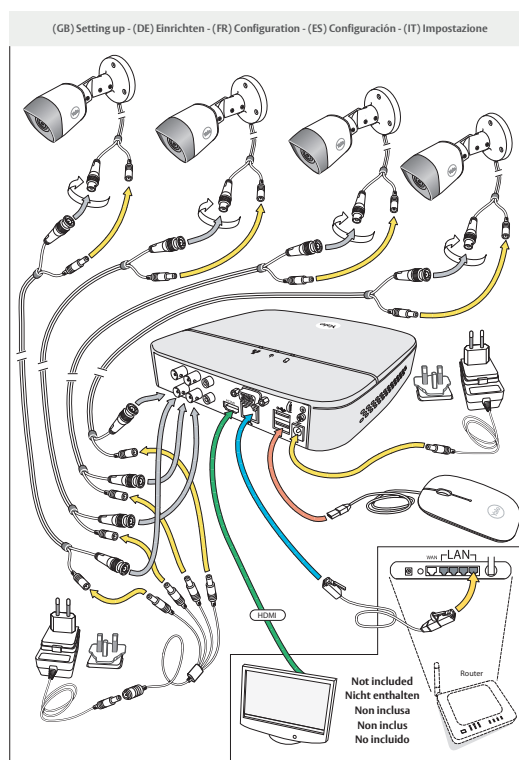
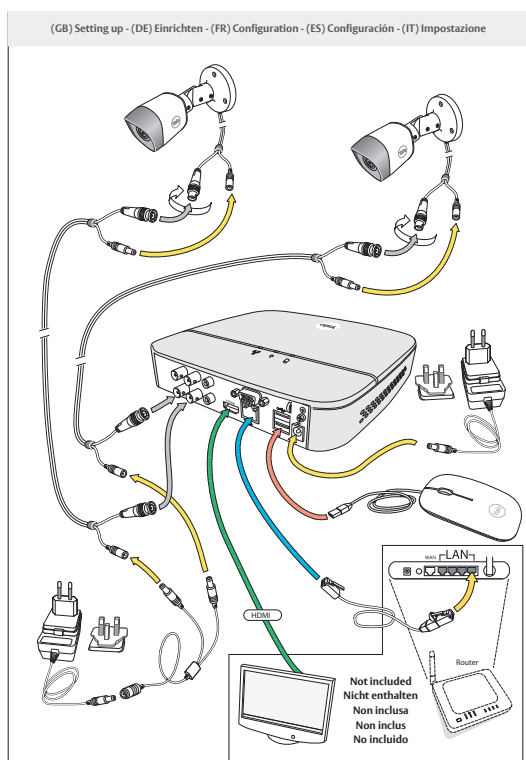


*

Face Detection or Recognition is useful at locations like front door, at face height or slightly above.

(👁 p.15)

Connect cables according to the manual that came with your Kit.



DVR can also be connected to a VGA monitor.
(Cable not included)

2

Download App - Personal registration in the App

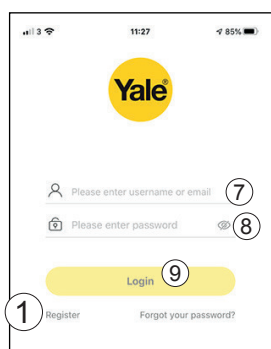
Scan QR Code to download App for Android or IOS: "Yale View"



Yale View app



Personal registration in the App

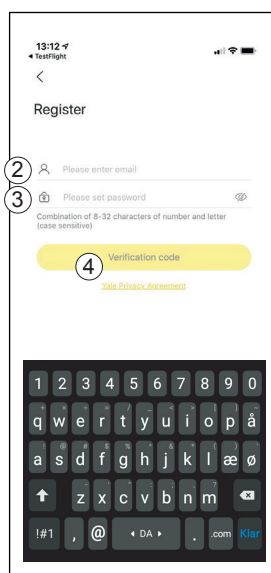


App Log-in page:

Initial setup:

1) Click Register

This will be your opening page, after you have registered in steps 2) to 6).



Email Register page:

Initial setup:

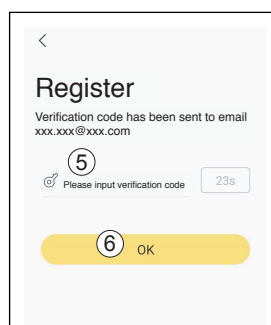
2) Enter email

3) Choose a **password**4) Click **Verification code** (Verification code will be sent to you by email)

5) Insert received Verification code

6) Click **OK**

This will take you back to.

**NOTE:** Also look for received mail in the Junk-Mail Box

3

Initial system setup, Language, Time, Date, Password

Device Initialization

Region: United Kingdom

Language: English

Video Standard: PAL

Next

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

Click **Next**

①

Device Initialization

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

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

Next

Set time zone, Date and Time

Click **Next**

②

Device Initialization

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

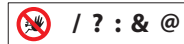
Username: admin

Password: [Redacted]

Confirm Password: [Redacted]

Password Hint: [Redacted]

Next

Choose **Password**

(Click in box and keyboard display will appear)

Confirm password

Click **Next**

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

③

Device Initialization

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

Draw the unlock pattern.

Previous Skip

Draw unlock pattern
(Min. 4 dots)

Draw again to confirm Draw unlock pattern

Click **Skip** if you do not want an Unlock Pattern

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

④

3 Initial system setup, Language, Time, Date, Password

Device Initialization

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

Reserved Email ☐ 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:

OK

Write email address

Complete **Security Questions**
(These are optional and can be switched OFF)

Security Questions:

Click **OK**

5

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.

Next

As default leave Auto Check for updates ticked.
(This will automatically keep your system up to date;
but only if connected to the internet via Router)

Click **Next**

6

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: IPv4 ☒ DHCP

Preferred DNS:

Alternate DNS:

Default Card: NIC1

Test Previous Next

Advanced setup, leave as is.

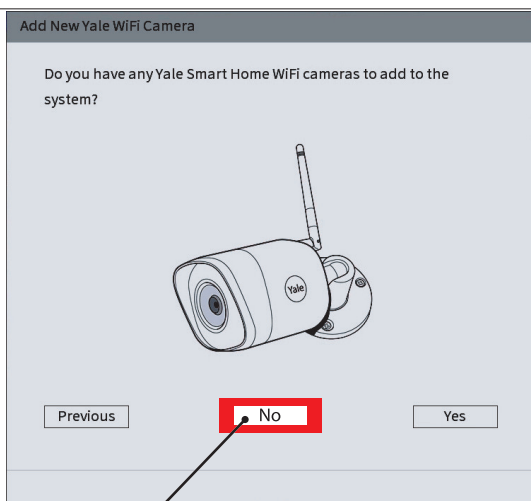
Click **NEXT**

7 ▶ Continue next page

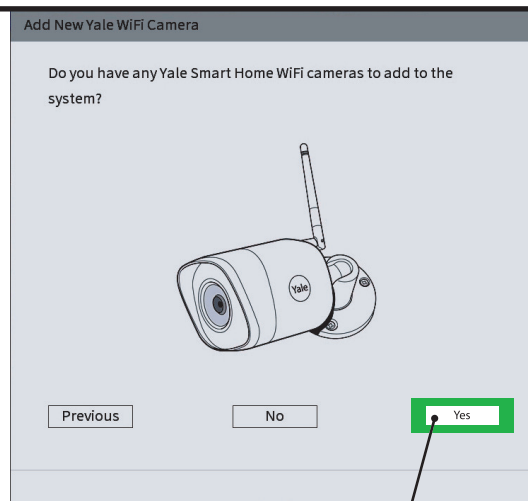
3

Initial system setup

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

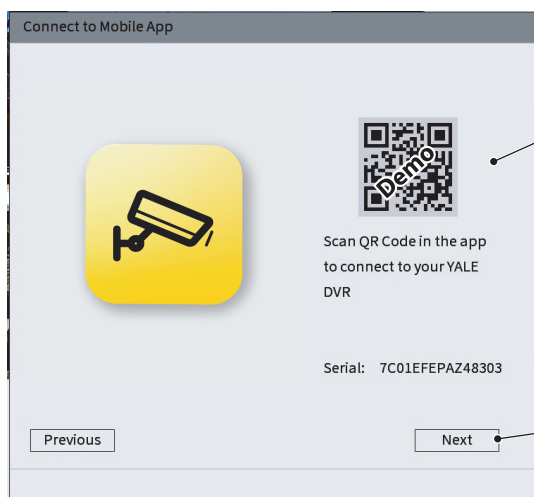


Click NO if you only have Wired cameras
(WiFi cameras can be added later if needed)



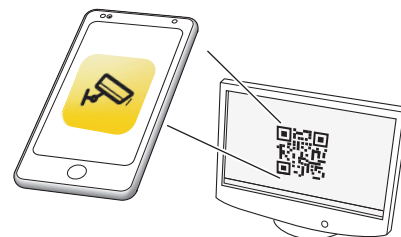
Click YES if you are also adding WIFI camera(s)
(Accessory)

WiFi camera setup continue on next page

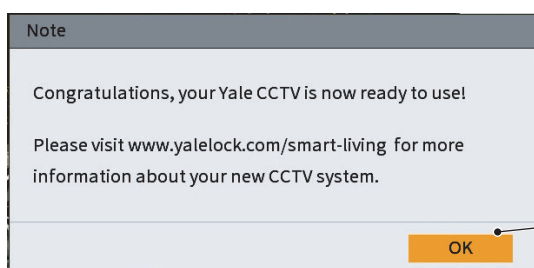


If you want remote access to your system via the Yale View App, scan the QR code to connect to your DVR system.
(If not click NEXT)

The App needs to be installed and registered before scanning.



Click **NEXT**

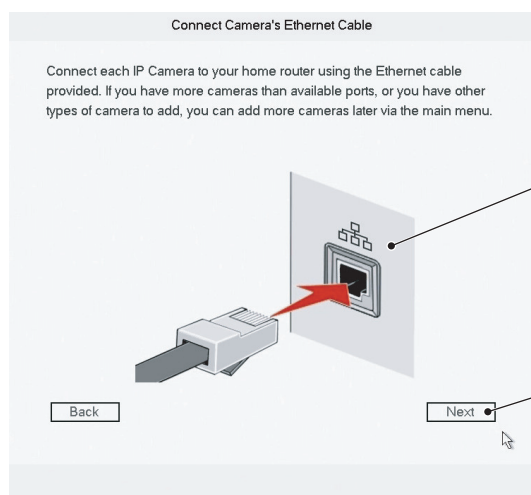


16) Click **OK**

The DVR system is now turned ON and cameras are recording. System is as default running in "Regular 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 09

4

Initial setup - to also include a WiFi camera

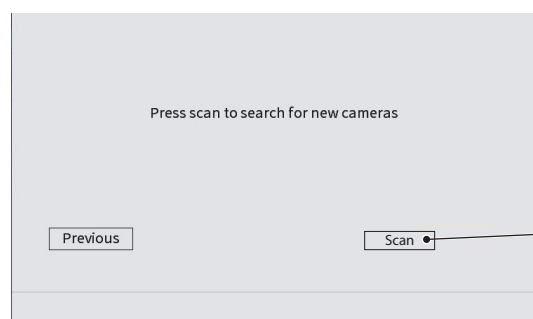


DVR unit needs to be connected to your Router, before you can connect a camera.

Connect Ethernet cables as described in the Yale Quick guide included in the box with the DVR unit.

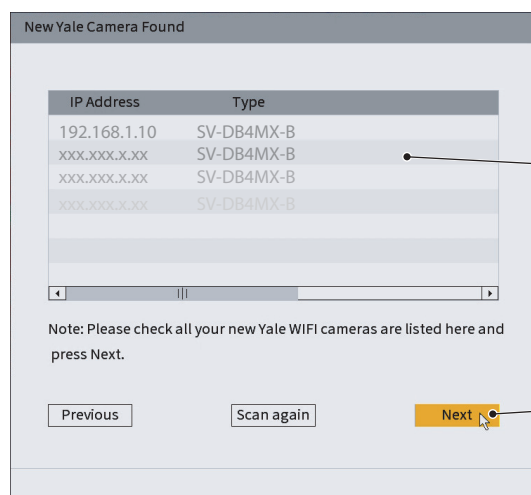
Click Next

①



Click Scan

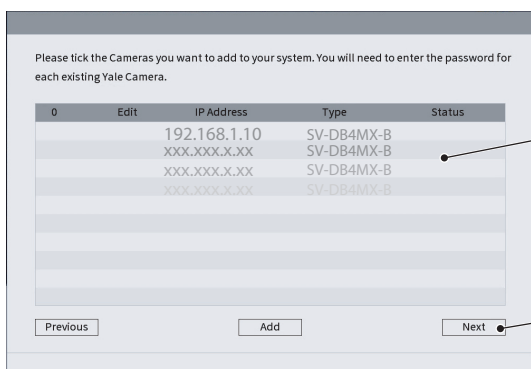
②



All your connected cameras (WiFi) should now show up on the list. If all your cameras do not show up on the list, click **Scan again**. If they still do not show up, check that they are all connected to power and camera Ethernet cables are connected to the same router as the DVR system.

Click Next

③



Tick cameras you want to add to you system
You will need to enter password for each existing Yale Camera

Click Next

④

4

Initial setup - to also include a WiFi camera

Select the router you want to connect to.

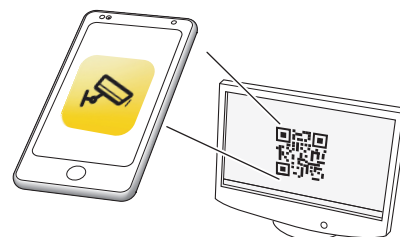
Insert WiFi Password for your Router.
(Same as when you connect any computer or smartphone to you lokal router/network.)Click **Connect**

You can now unplug the ethernet/network 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.

5

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

The App needs to be installed and registered before scanning.

Click **NEXT**

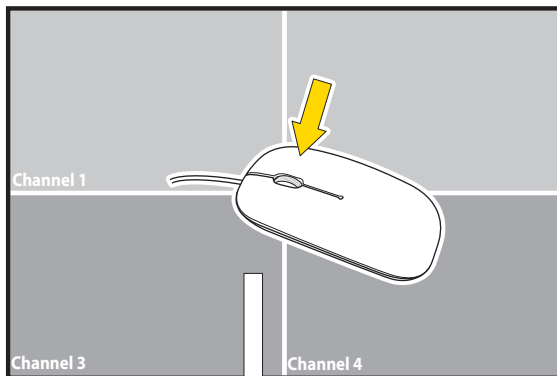
6

Click **Ok**

The DVR system is now turned ON and cameras are recording. System is as default running in "Regular 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.

WiFi camera setup is now complete.

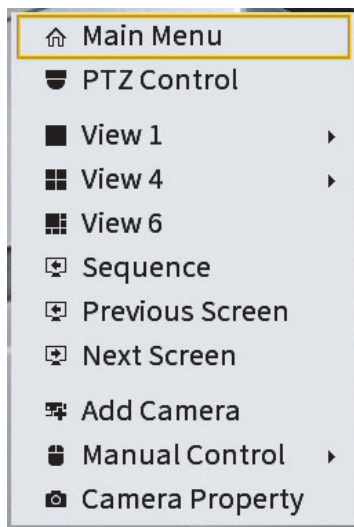
Menu overview



Right Click in the live view > brings up the top menu

Right Click anywhere else, take you back to previous page

Top Menu



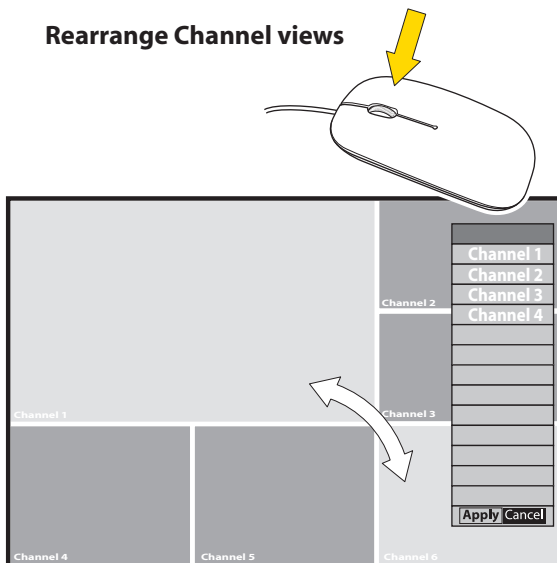
Main Menu > Next page
OPERATIONS, INFO, SETTINGS

(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)

Colour Setting and Display. Options for live view screen

Rearrange Channel views



The system is flexible for you to set to your personal preferences and it can always be reset to default setting.

Channel windows can be rearranged

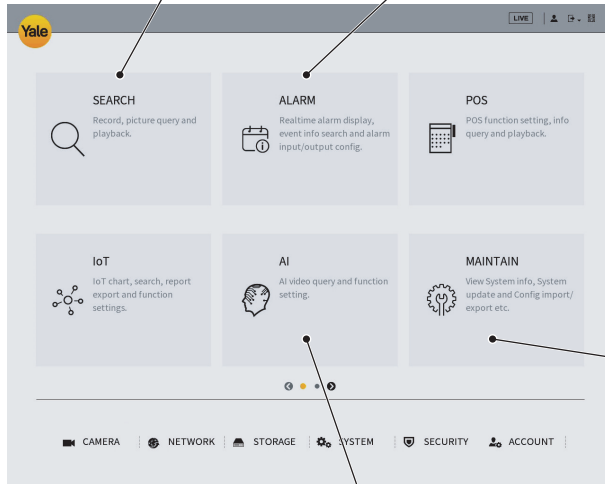
Right Click > Sequence
Move Channel Views,
Click **Apply**

Main Menu OPERATIONS, INFO, SETTING

SEARCH: Search for and playback recorded video by date and time

Here you can find video recordings when you want to investigate or document events.

Alarm: Alarm information and motion detection settings



Maintain: Maintenance and Auto Reboot settings + Restore default settings

AI: Smart detection settings

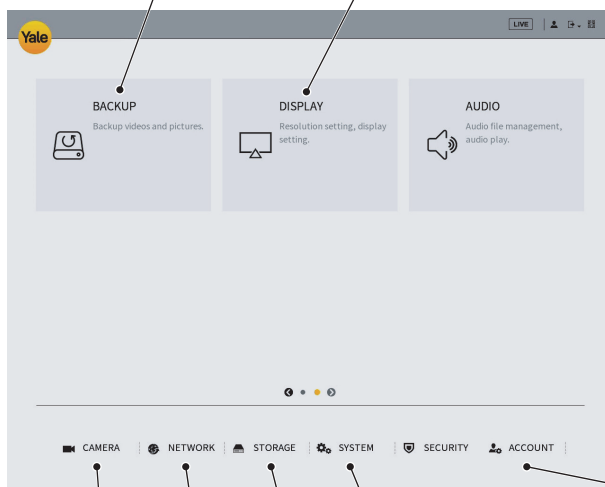
Note:

- **Face Detection or Recognition:** works on 1 channel only
- **SMD (Smart Motion Detection):** works on all 4 channels
- **IVS (Intelligent Video System)** works on 1 wired channel only
- **Motion Detection** is still active in parallel with activated Face D & R or IVS.

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

Display: Display settings

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



Account: Account settings

SYSTEM: System settings (Date & Time)

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

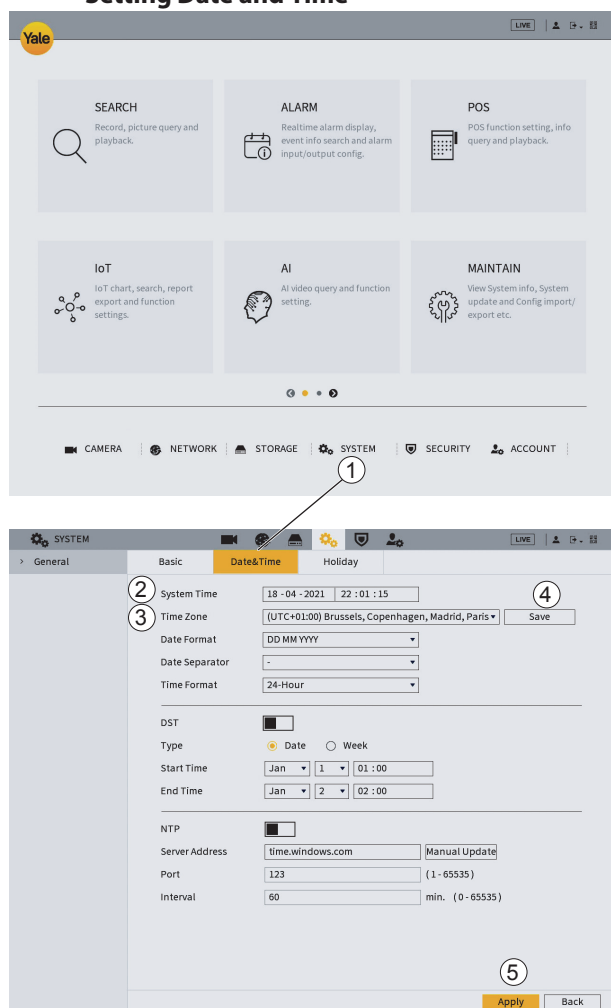
Network: General network settings (Email)

CAMERA: General camera settings

6

Setting Date & Time, Menu Language

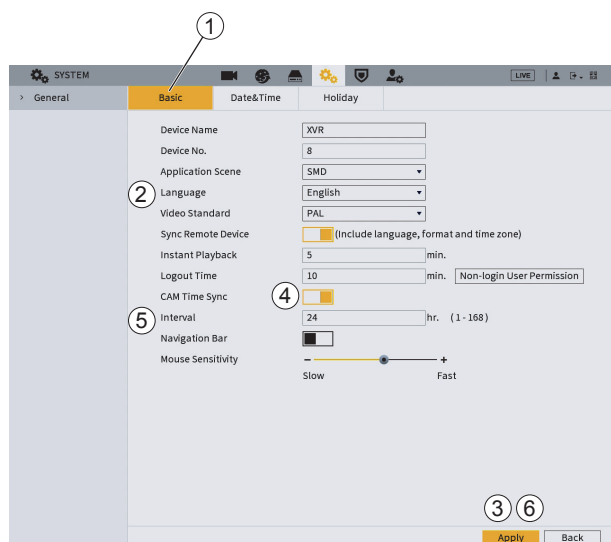
Setting Date and Time



Date and Time

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

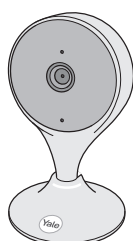
Setting Menu System Language



Set Menu Language

- 1) Go to **SYSTEM** > **GENERAL** > **Basic**
- 2) Menu System **Language** setting
- 3) Click **Apply**

If WIFI cameras are also being connected (accessory)



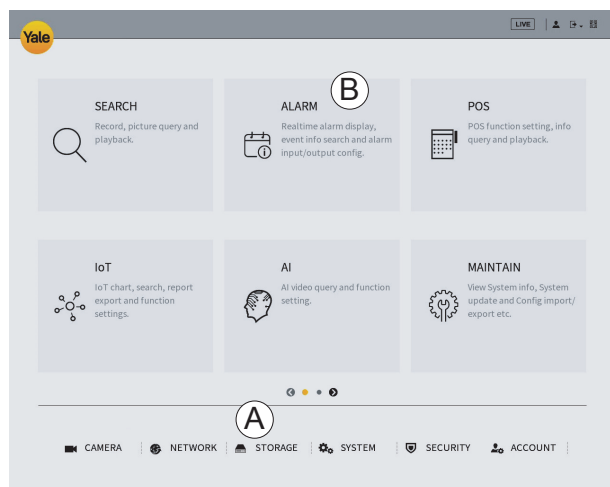
Synchronizing WiFi camera time.

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**

Setting up recording and motion detection

Setting up recording schedule and recommended residential motion detection (MD)



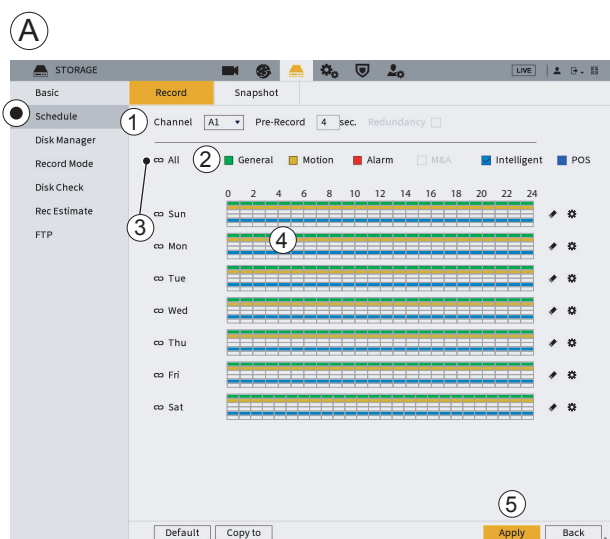
(A) Click **STORAGE** (Follow A)

Setting up **SCHEDULE** (week planning) for recordings and event triggers.

(B) Click **ALARM** (Follow B)

Setting up **VIDEO Detection** and motion triggers for recording

Please note that you need to mark the schedule for all Modes, for the system to record both general recording, and events triggered by motion detection, IVS, Face Detection and Face Recognition.

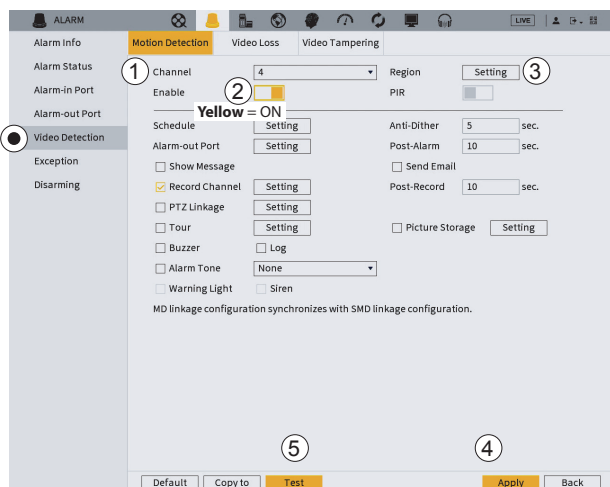


SCHEDULE - Record

- 1) Select Channel (Channel = Camera)
- 2) Select Mode(s) : **General** = Scheduled video recording
Motion = Scheduled detection of Motion
Intelligent = Scheduled IVS, Face Detect or Face Recognition
- 3) Select Day(s) in the week or All
- 4) Drag coloured bars to match period(s) of the day(s) you want detected. (Drag again to delete bar)
- 5) When you have planned the week for the Channel - click **Apply** and continue to next Channel.

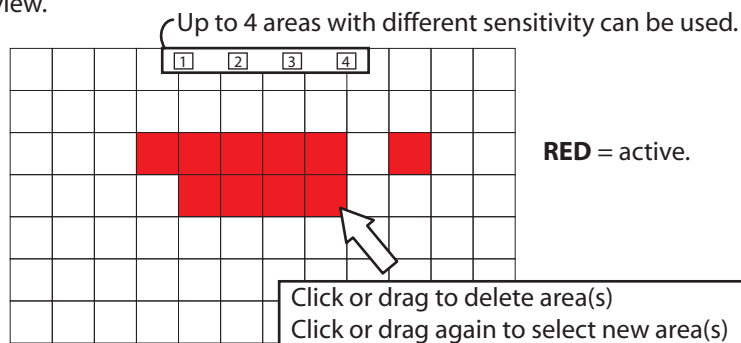
Click **Default** will take you back to factory setting.

(B) Motion Detection recommended residential motion detection



VIDEO Detection- Motion Detection

- 1) Select **Channel** (Channel = Camera)
- 2) Slide to **Enable MD**
- 3) Click **Setting** to change motion sensor area. Default is the whole field of view.



Standard residential motion detection (MD) is supported by both Wired and WiFi cameras.

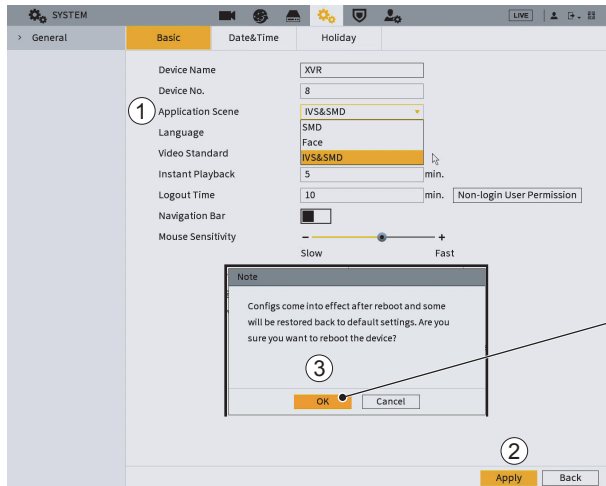
- 4) Click **Apply** and continue to next channel
- 5) Click **Test** to check motion detection is working as planned. (Buzzer can be activate to test motion detection)

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

7

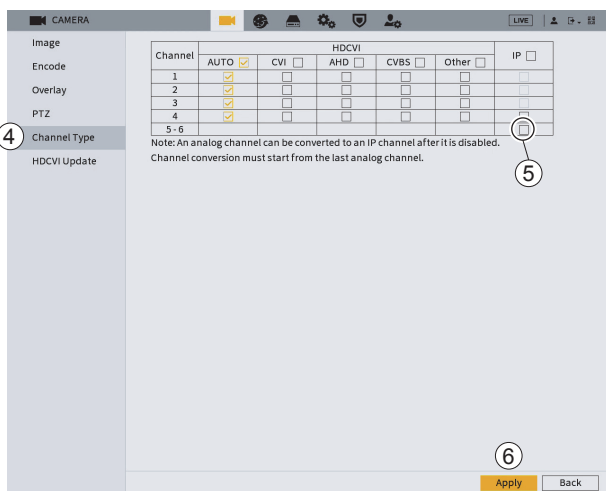
Setting up IVS detection (Tripwire or Intrusion)

Setting up advanced IVS motion detection (wired cameras only).



Right Click > Main Menu > System > Basic
(To add IVS functionality to your wired cameras go through the following steps.)

- 1) Application Scene > Select IVS&SMD
- 2) Click Apply

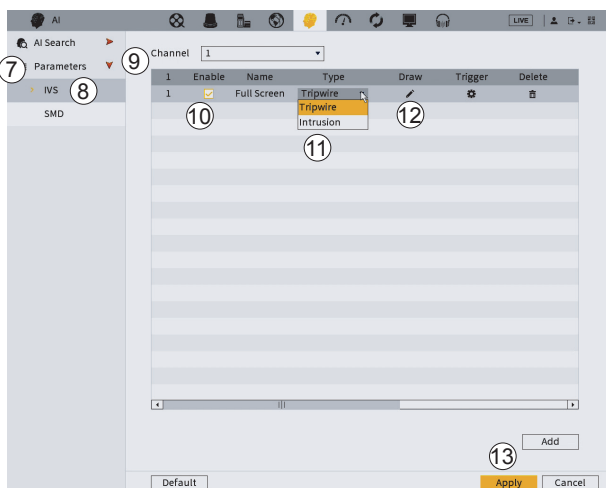


Right Click > Main Menu > Camera

- 4) CHANNEL TYPE
 - 5) Untick IP box
- (The WiFi cameras already installed (if any) will not be affected)

- 6) Click Apply
- System will now reboot.

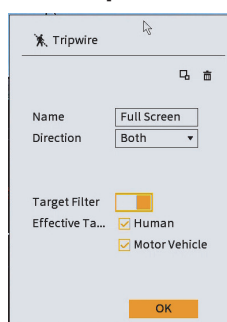
Disable SMD for the channel (AI Parameters - SMD), as SMD and IVS can not be used simultaneously



Right Click > Main Menu > AI

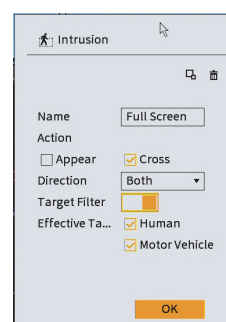
- 7) Parameters
 - 8) Select IVS
 - 9) Select Channel
 - 10) Enable
 - 11) Choose Type: Tripwire/Intrusion
 - 12) Draw line/area, right click to finish shape. Click OK
 - 13) Click Apply
- (Buzzer can be activate to test motion detection)

Tripwire



Trigger: when line is crossed.
Either way or Both

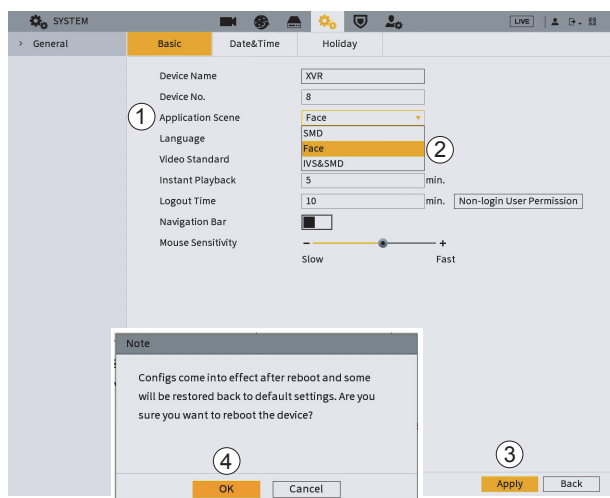
Intrusion



Trigger: when area out line is crossed on
Entry or Exit, and Both

Setting up system for Face Detection and add on Face Recognition (wired camera only).

The Face Detection and Face Recognition works with Wired camera on ONE CHANNEL only!

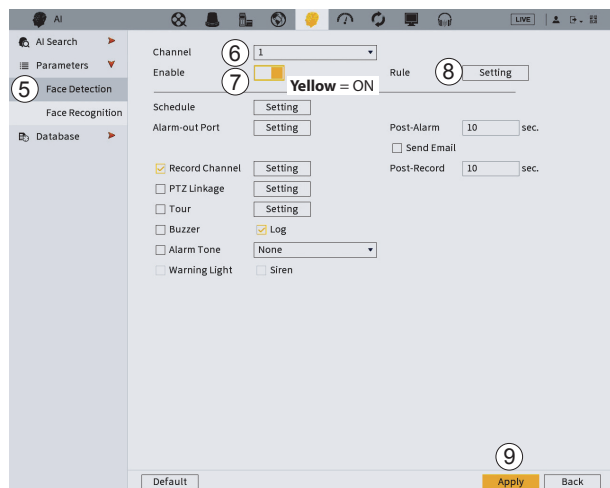


Right Click > Main Menu > System > Basic

- 1) **Application Scene**
- 2) Select **Face**
- 3) Click **Apply**
- 4) Click **OK** for system **Reboot**

Face Detection or Face Recognition is useful at locations like front door, at face height or slightly above.

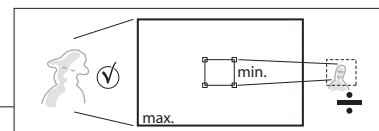
Face Detection



FACE DETECT

(Triggers when the camera detects a face shape, not a specific face !)

- Right Click > Main Menu > AI
- 5) **Parameters > Face Detection**
 - 6) **Select Channel**
 - 7) Click **Enable**
 - 8) Click **Setting**



(Minimum face size can be set, so that only faces near the camera will trigger)

- 9) Click **Apply**

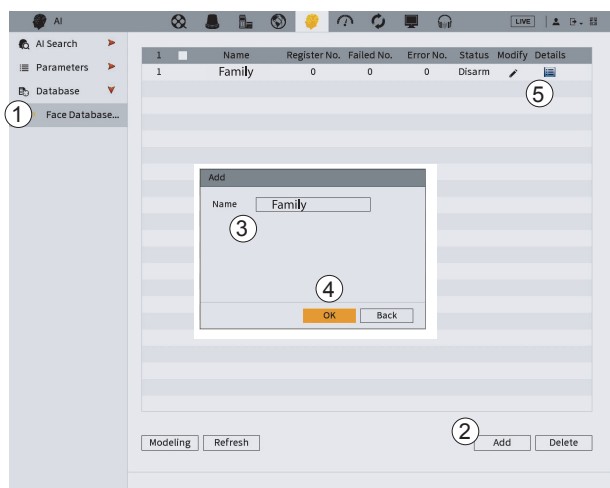
From here **Face Detection** only is now active, the system will now trigger by face shapes.

If you want to add **Face Recognition** continue to the next steps.

Face Recognition

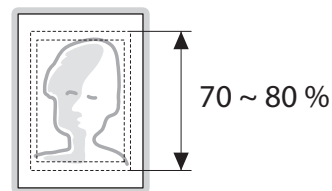
Face Detection need to be set up and enabled first for **Face Recognition** to work.

Create Database of groups with people whose faces you want to recognise



To create a database of faces to recognise, you need to prepare the picture(s) (max. 200KB each) on a USB memory stick. When ready, insert USB memory stick in the USB socket at the back of the unit.

Photo specifications:



Database of faces

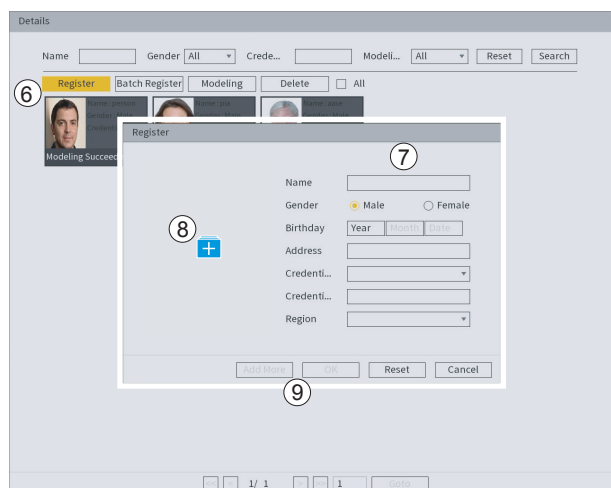
(Face Recognition needs this to trigger when the camera recognises a face)

- 1) **Click > Database > Face Database**
- 2) Click **Add** to create a group
- 3) Write **Name** to identify the group
- 4) Click **OK**
- 5) Click **Details** to attach photo(s) to the group

Continue next page

Setting up Face Detection and Face Recognition

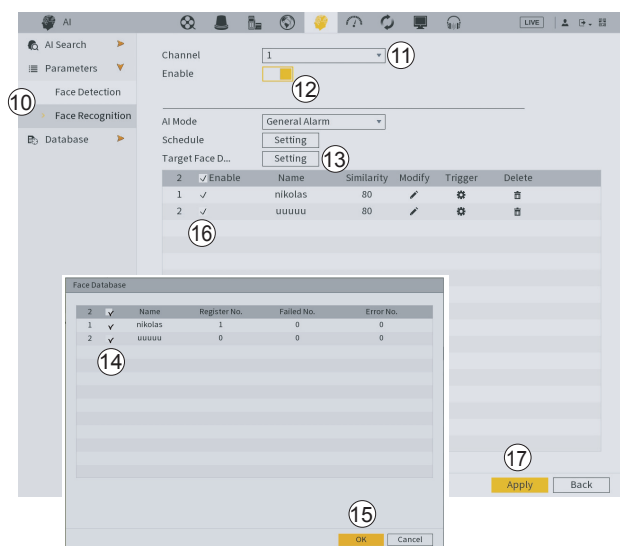
Face/Photo Database



- 6) Click **Register**
- 7) Write info
- 8) Click **+** to fetch photo from **USB memory stick**
- 9) Click **OK** (if finished) or **Add More**

Right Click to leave photo Register

Face Recognition

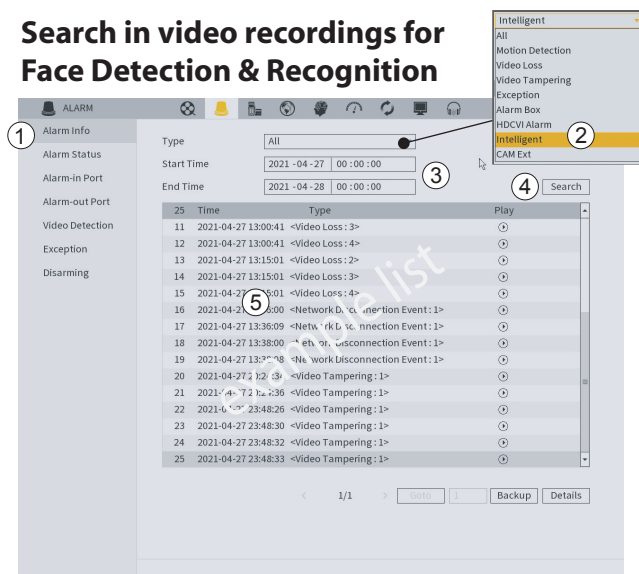


- 10) Click **Parameter > Face Recognition**
- 11) **Select Channel**
- 12) Click **Enable**
- 13) Click **Setting**
- 14) **Tick** Group(s)
- 15) Click **OK**
- 16) Click **Enable** group(s)
- 17) Click **Apply**

Face Recognition is now active

Right Click to leave this menu

Search in video recordings for Face Detection & Recognition



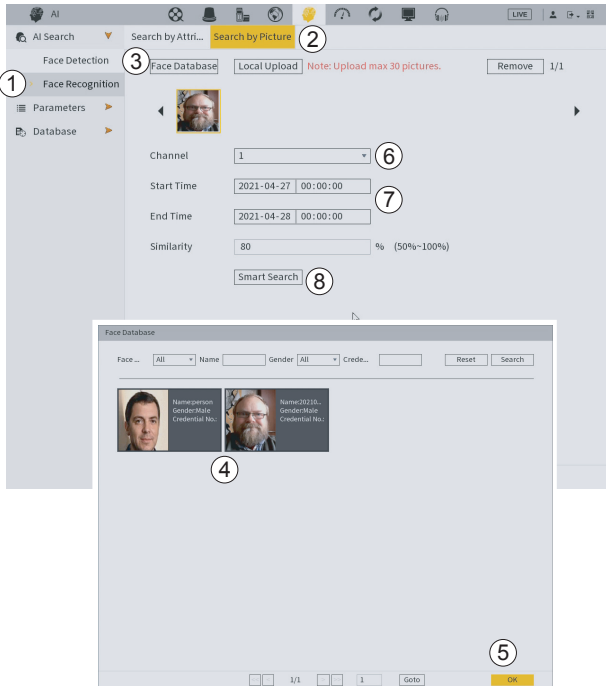
- 1) Right Click > **Main Menu > Alarm > Alarm Info**
- 2) **Select Intelligent**
- 3) Specify **Start** and **End Time**, to search
- 4) Click **Search**
- 5) Search list

Right Click to leave this menu

7

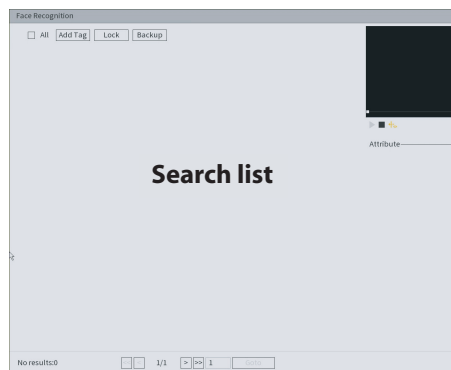
Searching for Detected and Recognised faces

Search for Face Recognition



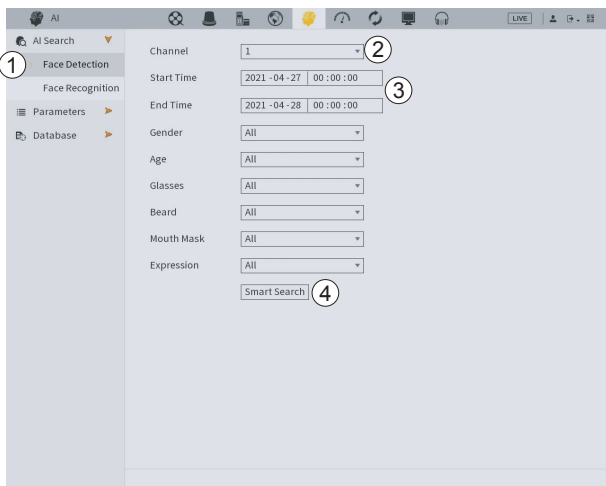
How to find out if faces have been recognised.

- 1) Right Click **Main Menu** > **AI** > **AI Search** > **Face Recognition**
- 2) Click **Search by Pictures**
- 3) Click **Face Database**
- 4) Select by **Name** or Click **Picture**
- 5) Click **OK**
- 6) Select **Channel**
- 7) Define **Start Time** and **End Time** for search
- 8) Click **Smart Search**



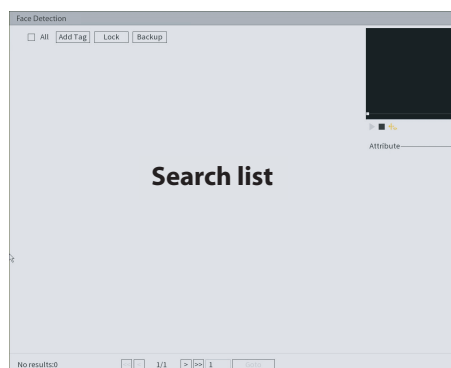
Face Recognition list

Search for Face Detection



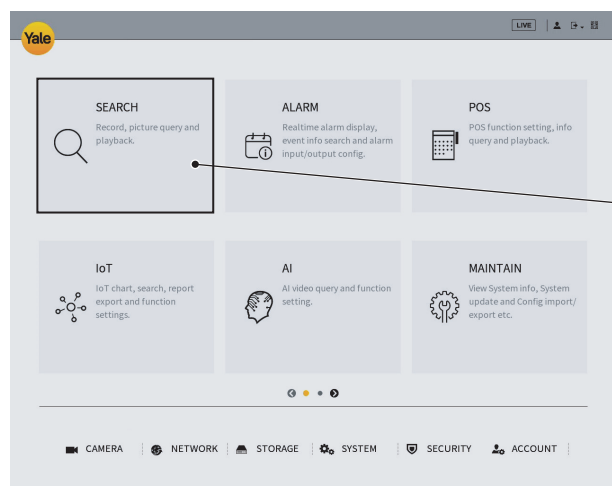
How to find out if faces have been detected.

- 1) Right Click **Main Menu** > **AI** > **AI Search** > **Face Detection**
- 2) Select **Channel**
- 3) Define **Start Time** and **End Time** for search
- 4) Click **Smart Search**



Face Detection list

Searching in recorded video by Time/Date, Motion detection, Face detection

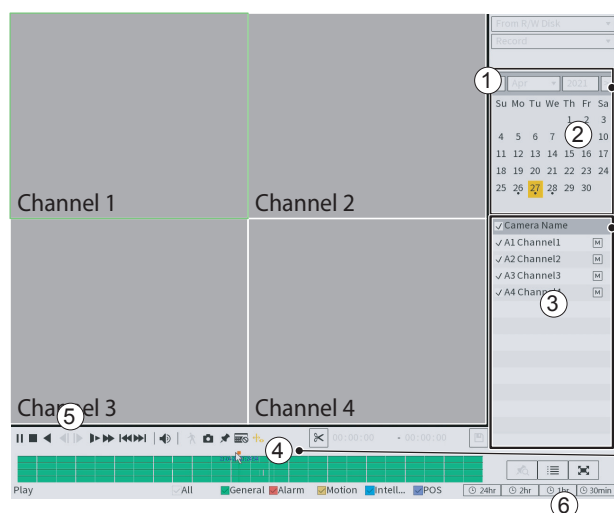


When you have setup your system, this menu is where you can find video recordings to investigate or document events.

Right Click > Main Menu > SEARCH

Search for and playback recorded video by Date and Time

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.

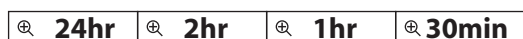
24 hour timeline:

- 4) Click timeline to view recording.

5) Controls for play back:

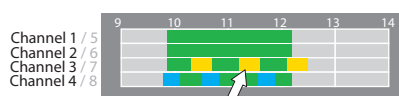
- ▶ Play
- Stop
- ◀ Play (backwards)
- ◀▶ One frame steps (Only when paused)
- ▶ Slow Playback (x1/2 / x1/4 / x1/8 x / x1/16)
- ▶ Fast Playback (x2 / x4 / x8 / x16 / 1min / 3min / 5min / 15min / 30min)

6) Zoom timeline:



Timeline:

Click time line to start video

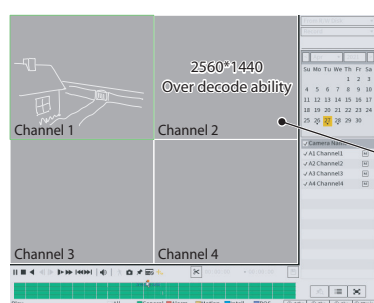


General = Regular

Motion

Intelligence

For instructions on how to set up recording shedule to ensure that you record all Modes (General, Motion, Intelligent), please see p.12-13.

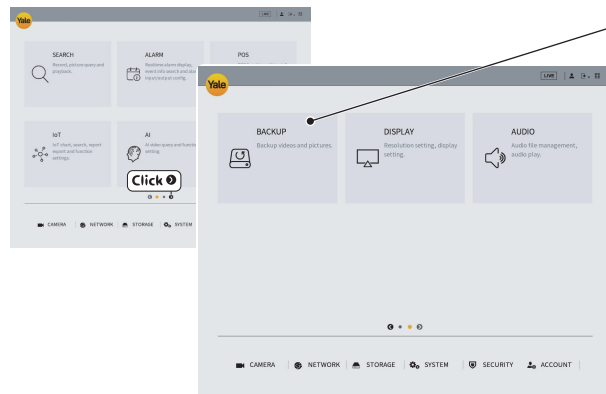


If you have a 4 MP WiFi camera(s) connected together with wired camera(s), single view must be used to see the WiFi cameras. WiFi cameras are high resolution and can not be viewed at the same time as wired (HD 1080) cameras. They must be viewed in single view, separately.

9

Backing up a video sequence

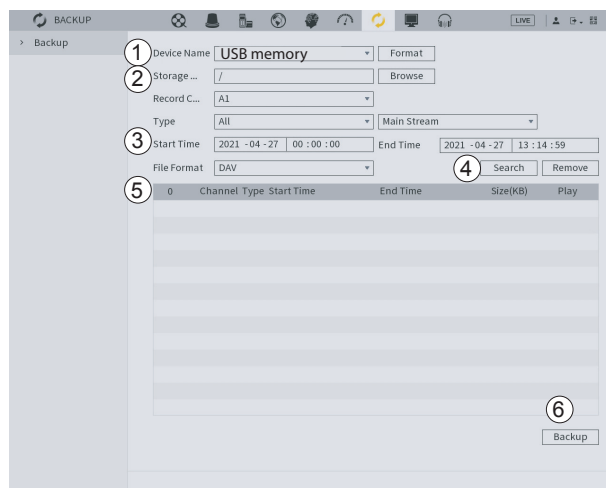
Backup from BACKUP Menu



Click **Main Menu > Main Menu page 2 > Backup**

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

Plan backup of recorded video, to external media (External HDD or USB memory)

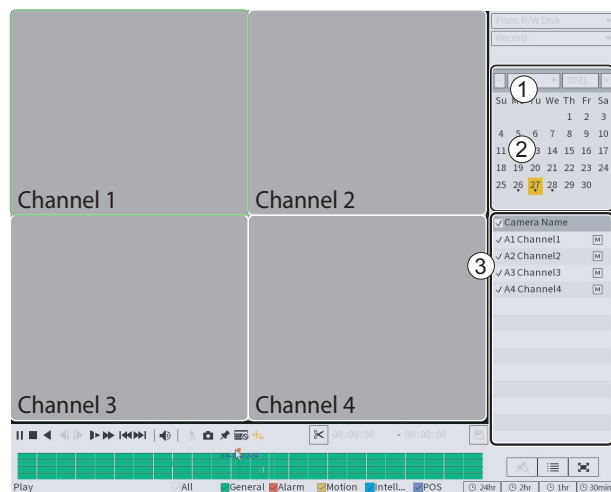


Save a video sequence to external memory

- 1) Setup backup device (USB Memory Stick / USB HDD)
- 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

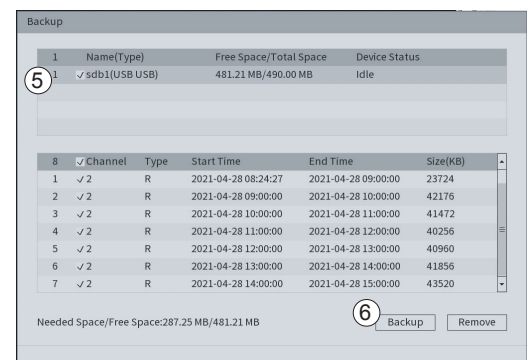
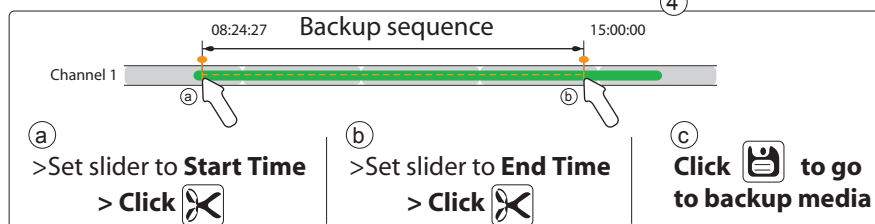


Save a video sequence to external memory Using the timeline to select period

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

Set up display:

- 3) Select which **channel** to **Backup** from
- 4) **Set slider like this**
- 5) Select **USB** device
- 6) Click **Backup**

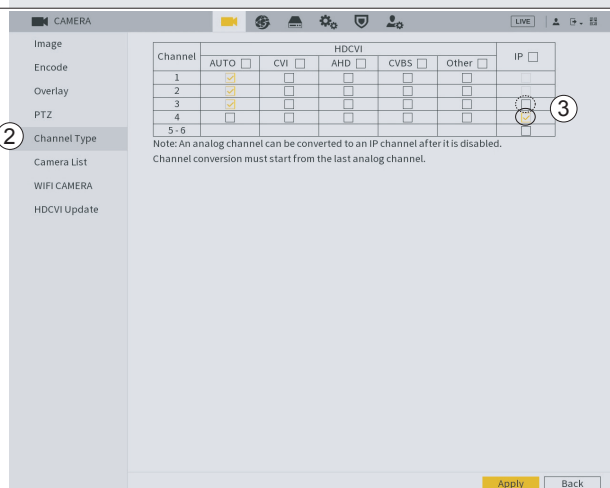
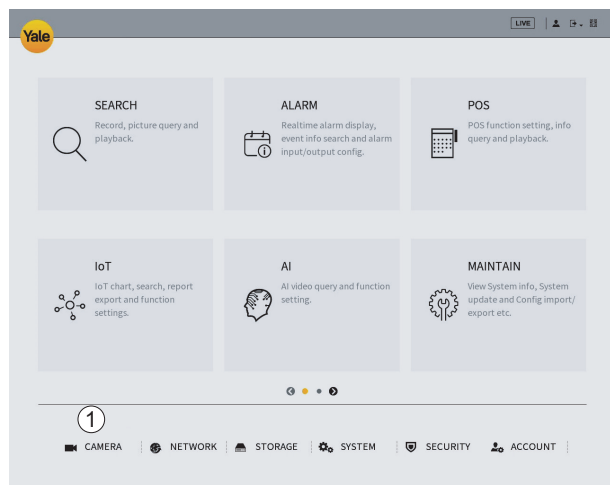


Adding a WiFi camera

Adding a WiFi camera to you DVR

**Make sure targeted Yale IP camera has been paired in to the same Router as the CCTV and are working!
See manual that came with the WiFi camera.**

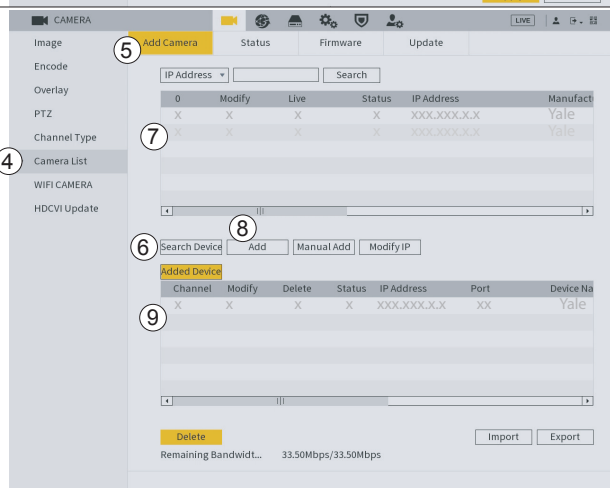
1) Right Click > **Main Menu > Camera**



2) Go to **Channel Type**

3) Tick **IP** (Use max. 2 IP cameras on selected channels)

**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**

7) Select targeted **Camera**

8) Click **Add**

9) Click **Modify** (Camera is now visible here. Click Modify to get correct username / password for the camera)

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

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

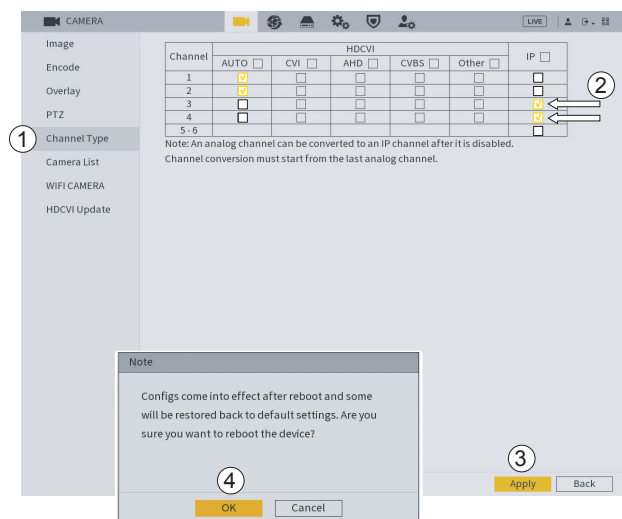
Camera is now active.

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

Moving WiFi camera in the channel list

Rearranging WiFi camera in channel list

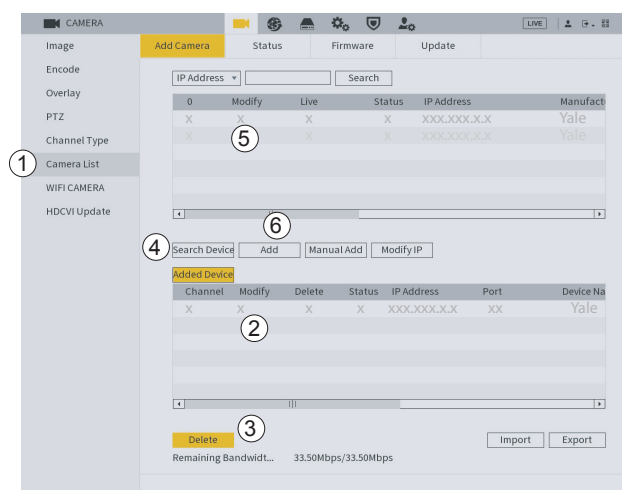
How to move WiFi cameras up the channels list for simpler overview when searching and in the App.



Right Click > Main Menu > Camera

- 1) Go to **CHANNEL TYPE**
- 2) Tick (change) channel to **IP**
- If you have wired cameras connected to the first 2 channels then tick IP up to the first one after your wired channels.**
(In this case No.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.

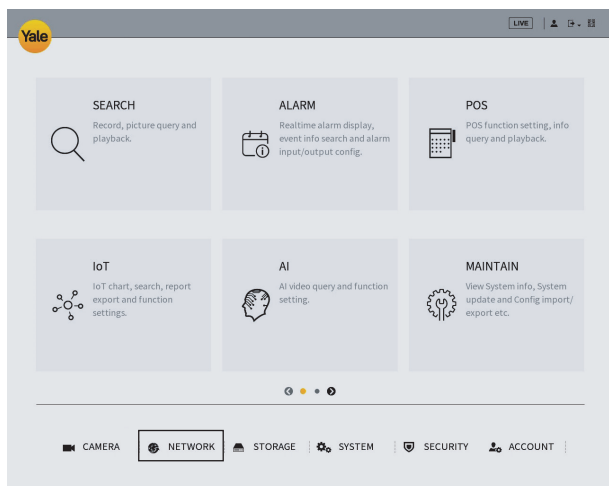
- 1) Go to **CHANNEL TYPE**
- 2) Tick **to select camera**
- 3) Click **Delete** to remove camera(s)

Reinstalling camera(s) in the new channels.

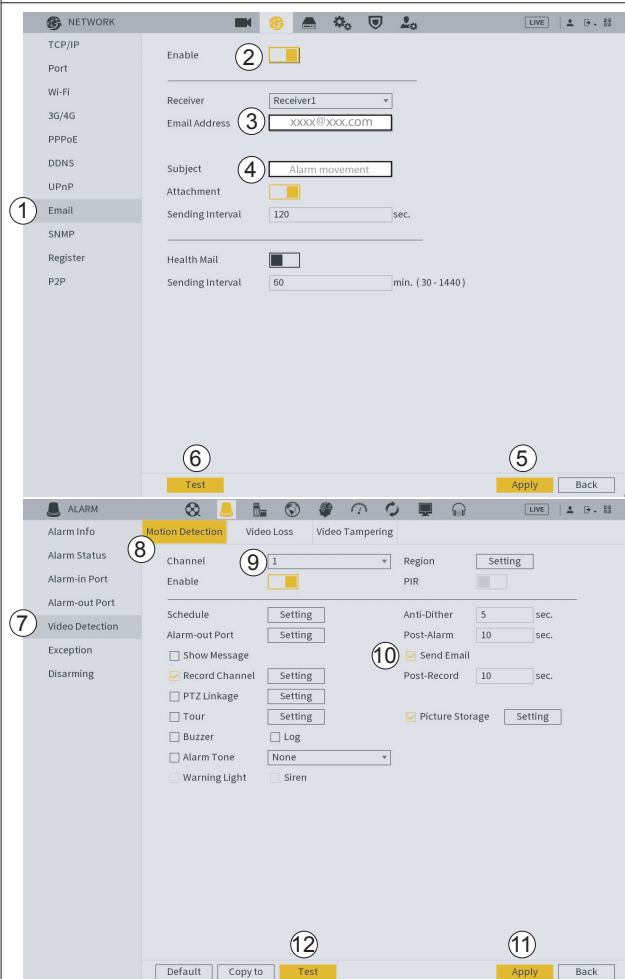
- 4) Click **Search Device**
- 5) Tick **to select camera**
- 6) Click **Add**

Camera will now be listed in Added Device under the new channel No.

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



Right Click **Main Menu > NETWORK**



- 1) Go to **EMAIL**
- 2) Slide to **Enable**
- 3) Write your email in **RECEIVER**
- 4) Write **Subject** (will make it easy to recognize the email)
- 5) Click **Apply**
- 6) Click **Test** (the system will now send a test mail)

Right Click Main Menu > ALARM
Activating email notification on motion detection.

- 7) Go to **Video Detection**
- 8) Select **Motion Detection**
- 9) Select **Channel**
- 10) Tick **Send Email**
- 11) Click **Apply**
- 12) Click **Test** (the system will now send a test mail)

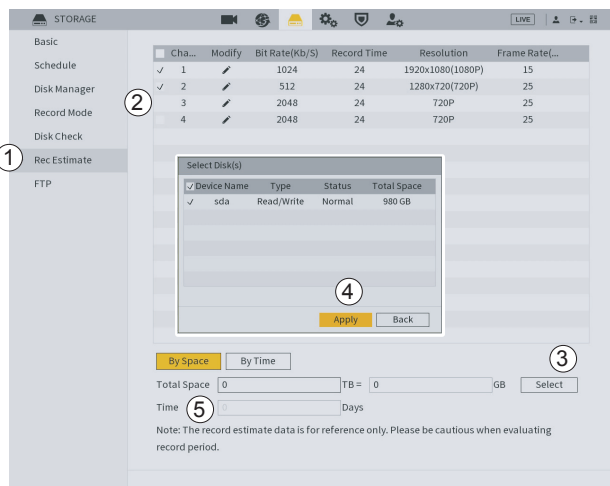
The system will now send you an email every time motion is detected.



ON ☒ OFF

If you have the App connected, it will receive a message every time motion is detected.

Estimating recording time on the hard drive.



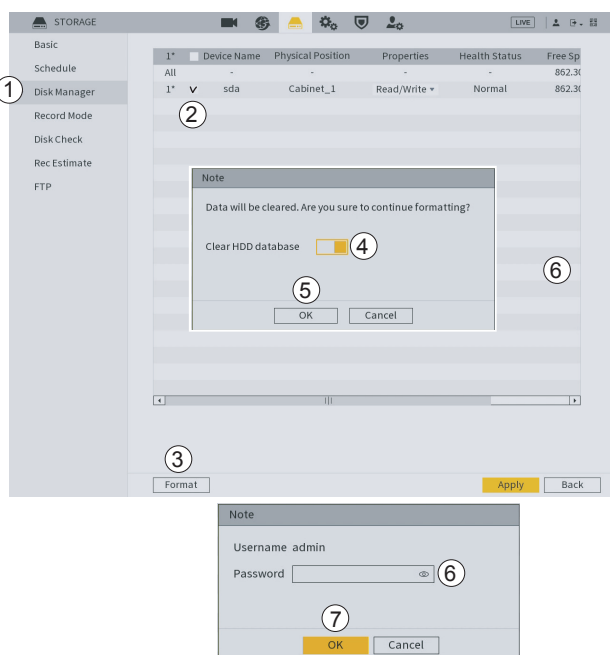
Right Click > **Main Menu > Storage**

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.



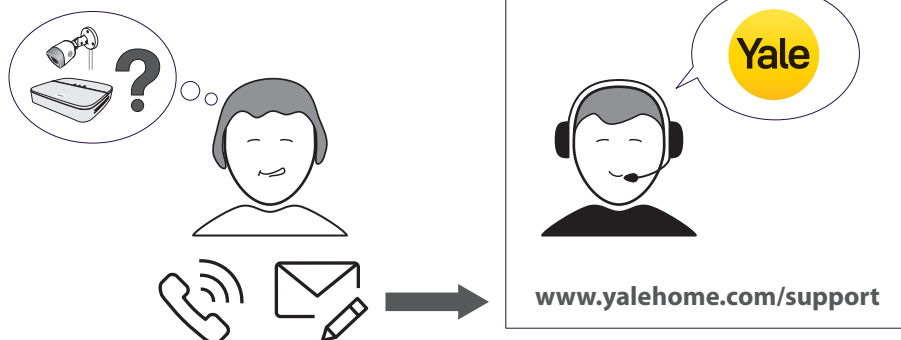
Right Click > **Main Menu > Storage**

Warning this will erase all recordings on your hard drive.

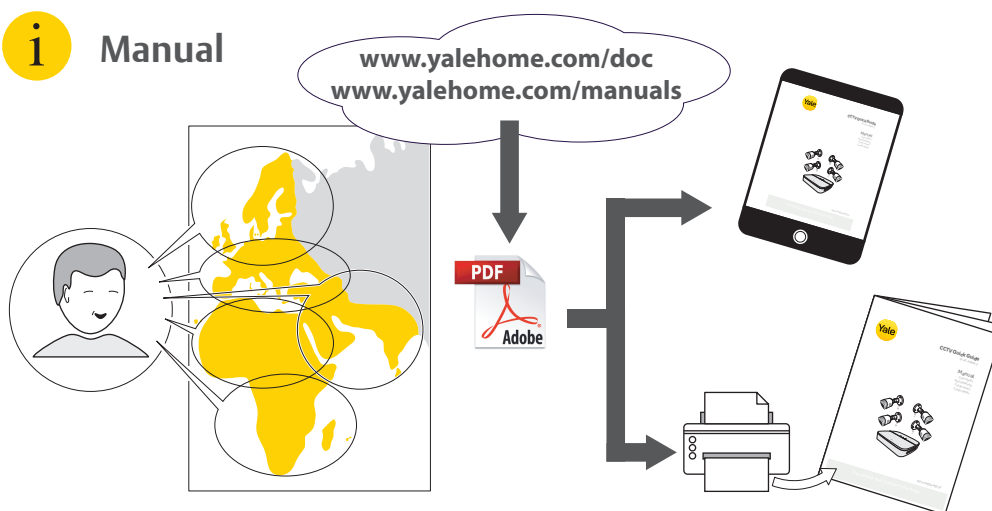
- 1) Go to **Disk Manager**
- 2) Tick to **select hard drive.**
- 3) Click **Format**
- 4) Slide to **Yellow for YES**
- 5) Click **OK**
- 6) Insert **Password**
- 7) **(This will erase the data on your hard drive) Click OK to accept**

The system will now restart.

i Support



i Manual



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THE YALE BRAND, with its unparalleled global reach and range of products, reassures more people in more countries than any other consumer locking solution.

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