Yale® smart Living

Smart HD CCTV System
Y402B-HD
Y804B-HD

Installation · Programming · Operating
Keep this manual safe for reference and future maintenance

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Thank you for choosing the Yale Smart HD CCTV System. This manual will guide you through the product Installation and system set up.

Display extreme caution when using ladders or steps, please follow manufacturer's instructions.

Be careful when using hand and power tools and follow the manufacturer's guidelines when using them. Take care that the correct tools are used. Wear goggles or protective clothing where required

Requirements

A broadband router with one free Ethernet port is required. iOS 9+ or Android 4.4+ required to view via the Yale CCTV App. Mobile data speed could effect quality and connection.

Contents

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For more information on this product and Yale Smart Living Range visit www.yale.co.uk/smart-living
Consumer Support: info@yale.co.uk

2 YEAR GUARANTEE

The 2 year guarantee for this Yale HD CCTV System is active from the date of purchase (A copy of this guarantee is available on our website).
Please register online within 12 months of purchase at www.yale.co.uk/registeryourproduct

Issue No: 1A

1 Inside the Box

1. DVR with pre-installed Hard Drive
2. HD Cameras
3. BNC Cables
4. Power Adaptors
5. Splitter
6. Ethernet Cable
7. HDMI Cable
8. Mouse
9. Fixing Pack

2 Glossary of Terms

DVR – Digital Video Recorder and Network Video Recorder

BNC – Bayonet Neill–Concelman, Video Inputs connecting the HD Cameras to the DVR, You may see 4 or 8 BNC ports depending on the model purchased.

HDMI – High Definition Multi-media Interface connects your DVR to a TV or PC Monitor.

VGA – Video Graphics Array connects your DVR to a TV or PC Monitor (not supplied).

HD – High Definition. 720 & 1080 are both High Definition video quality.

PTZ – Pan, Tilt & Zoom. Movable camera with Zoom functionality.

HDD – Hard Disk Drive. Where the video footage is stored within the DVR.

TB – Terabyte. Amount of storage space within the HDD (e.g. 1TB/2TB).

QR Code – Quick Response Code. Scan this using the Yale CCTV App for quick pairing.

Note – none of the Yale HD CCTV systems connect into a laptop for viewing video images.

3 DVR Connectivity

Y402B-HD
Y804B-HD

4 video channels or
8 video channels
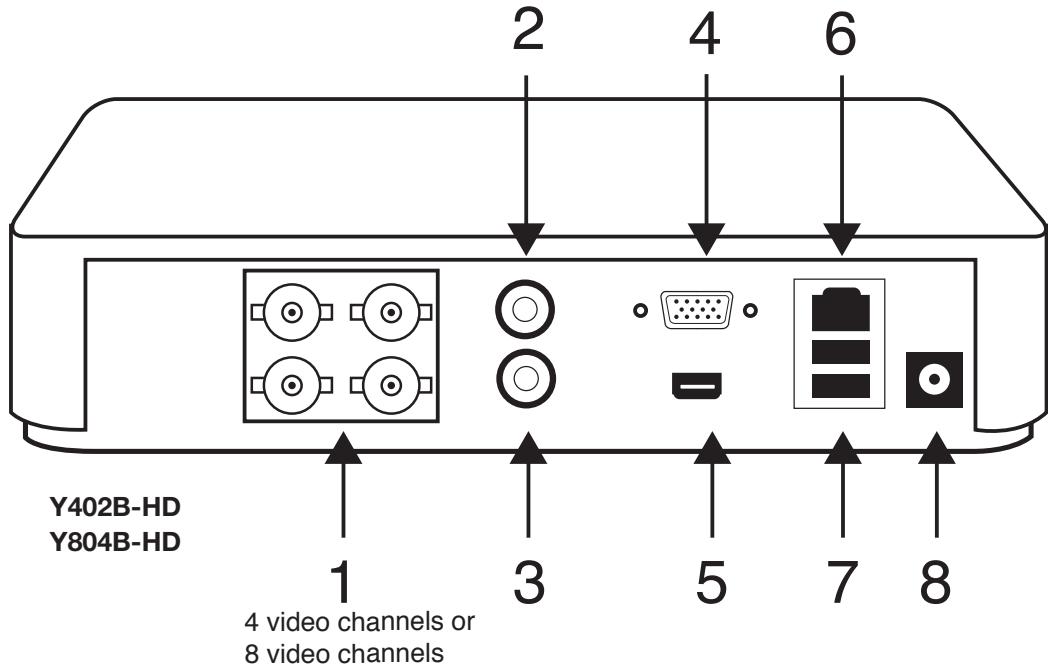
1. BNC Video Inputs: These are the video inputs used when connecting your Yale HD cameras. These are numbered 1 – 4 (or 8 for an 8 channel DVR) as they would appear on screen when streaming

2. Audio Input: These will accept a standard in-line audio microphone device.

3. Audio Output: A standard line level audio output.

**4. VGA Output:** For connecting a television or PC Monitor with a VGA cable (not supplied).

5. HDMI Output: For connecting a television or PC Monitor with a HDMI cable.

6. Network Port: You are able to connect the DVR to a network router or switch with an Ethernet Cable (supplied). This will allow the option of using online features (suitable broadband connection required).

7. USB Ports: The top port is used for connecting storage devices. The bottom port is for connecting of the mouse (supplied). When connecting to a Yale Alarm system or Yale Connected Smart Lock the CCTV/Alarm Link Adaptor can be connected to either USB port.

8. 12V 2A DC Power input: This is where you connect the DVR power adapter. DO NOT switch on the power until all leads are connected.

4 Connecting your DVR
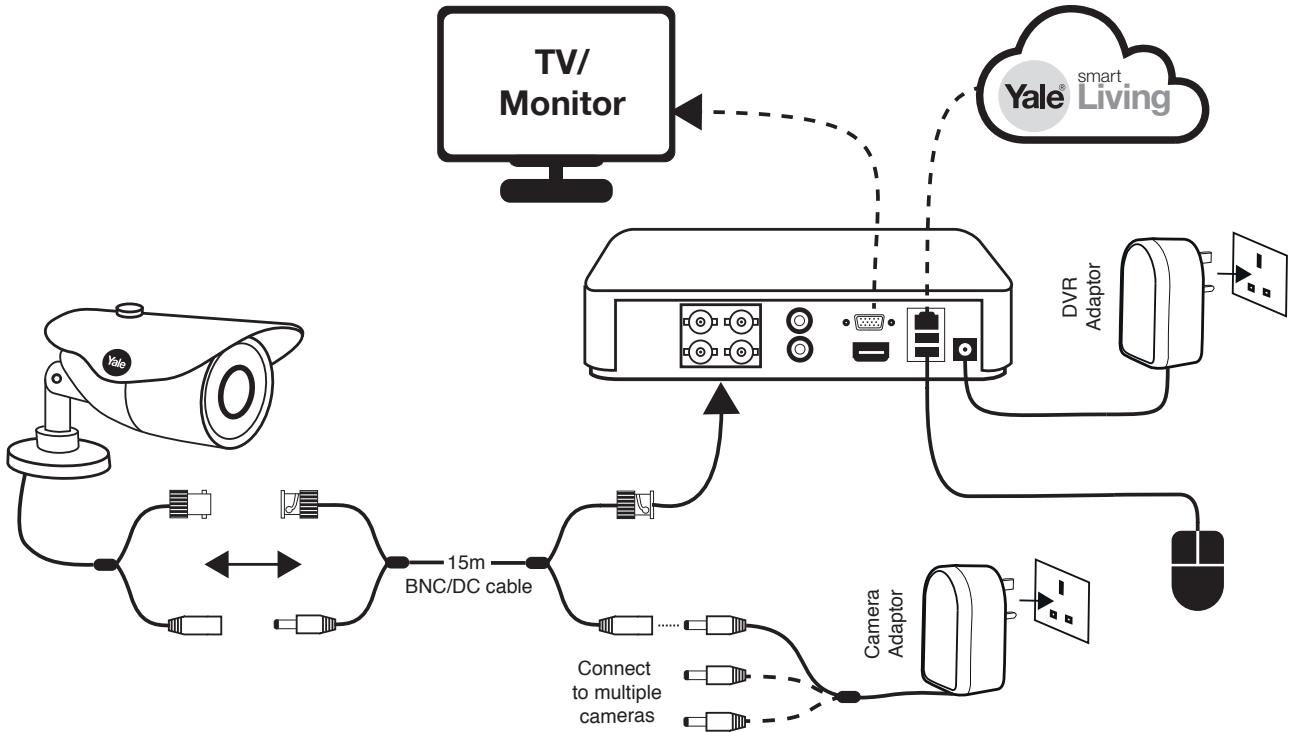
Please ensure the system is fully working prior to installation. Connect all the cameras using the supplied cables and make sure it operates as intended.

- Remember the DVR unit is most likely to be left on 24 hours a day, 7 days a week. Please bear this in mind when choosing the installation location.

- Route the camera cable away from large electrical items, mains cables and heat sources.

- Please only use the power adaptors supplied.

- Install DVR in a well ventilated area.

If you failed to get a picture on the TV using a HDMI cable, try connecting to a PC monitor using VGA connection. You may need to change the DVR to a different resolution in order to show on a HD TV.

DO NOT expose the DVR to moisture or water. Avoid dusty or dirty locations.

DO NOT open the DVR case unless you want to change the Hard Drive.

DO NOT open the case to your DVR whist your DVR is plugged in and switched on.

DO NOT cut or adjust any cable for any reason.

DO NOT place the DVR in areas where it may experience sudden bumps, shocks or movements.

DO NOT apply excessive force to the BNC cables during installation. This may damage the cable resulting in lost/intermittent video signal.

DO NOT apply pressure to the BNC cable connected. This may damage its internal soldering.

5 DVR Main Menu

The only way to start using your DVR and navigate through the DVR menu's is to connect and use the provided Yale mouse. We have designed the system for mouse friendly operation.

Left Click – Selects the item covered by mouse pointer
Right Click – Back or escape function allows you to go back to previous menu or screen
Scroll Wheel – Allows you to flick through the cameras on full screen

Quick Start Menu

When you turn the DVR system on for the first time the quick start menu will appear in the centre of the screen. Enable Yale Cloud for remote viewing via internet. Click Next to continue.

You will be presented with a QR code for App registration. Click 'Cancel' to exit this screen to continue DVR setup. You can access this QR code after installation by choosing "Quick Start" under the right click menu.

Once you click on 'Cancel' you will see this System Login prompt. At a later stage of the DVR setup you will choose a Username and Password. At this point leave the Username as admin and the Password empty. Left click 'OK'

You should now have a spilt screen image of the connected cameras (if no camera is connected you will see a black screen as shown) don't panic!, Images will appear here once the cameras are connected and powered. **Now Right Click your mouse to bring up the 'Right Click Menu'.**

Right Click Menu

Main Menu: Takes you to an area containing most of your settings and features.
Quick Start: Takes you back to your QR code to scan with the Yale CCTV App.
Record Mode: A shortcut to changing the recording mode of each camera.
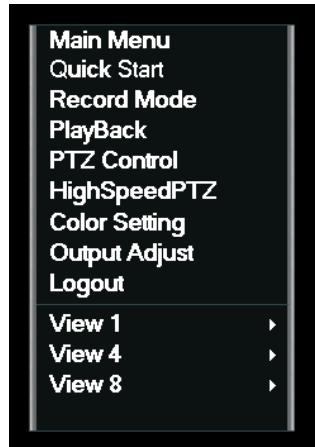**Playback:** A short cut to the Playback menu.
PTZ Control: Not supported.
High Speed PTZ: Not supported.
Colour Setting: Manually set your colour preferences (Camera).
Output Adjust: Manually set your output preferences (Screen/Monitor).
Logout: Enables options – Log out, Shut Down or Reboot.
**View 1-8:** Left click to view appropriate camera.

NOTE – You will need to set the date and time before continuing with your DVR Setup
Setting > General (To change Date, Time & Language).

Setting the Date and Time

1. Right Click on the mouse then left click on Main Menu.
   This opens up the Main Menu screen.

2. Hover over Settings then move down to 'General'.
   You will see a dot and the wording turn yellow.

3. Left click on 'General'.

4. In General the Time Zone should automatically be set to
   UTC+00:00 Dublin, London, Edinburgh. If not left click on the
   drop down to change to desired Time Zone.

5. System Time – this should be accurate to ensure ease of
   playback. If the time is not correct left click on each number
   to open a key pad, then click the correct number to set the
   date and time.

6. Language – Default set to English. Left click on the drop
   down to alter if desired.

7. You do not have to change or update any of the other options.
   Please leave them as their default settings.
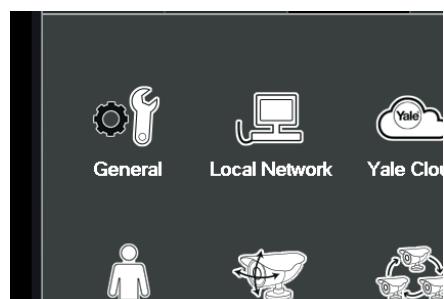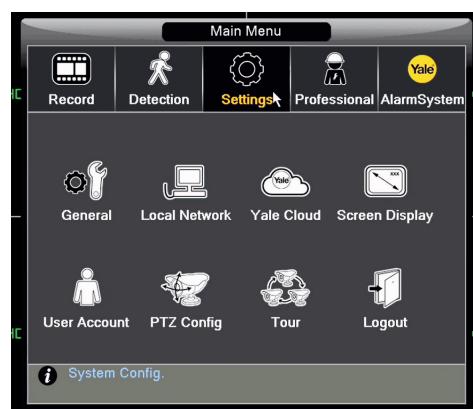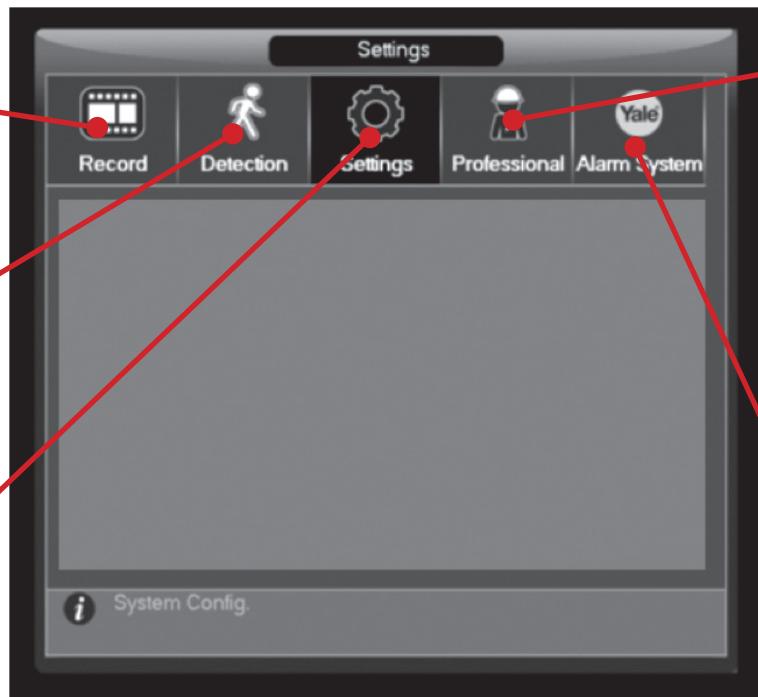
Function Location

DVR Main Menu
Record
Record Config
Playback
Backup
Video Encode

Detection
Motion Detect
Covered Lens
Signal Loss

Settings
General
Local Network
Yale Cloud
Screen Display
User Account
PTZ Config
Tour
Logout

Professional
HDD Manage
HDD Info
HDD Faults
Bits per sec
On-line User
Upgrade
Auto maintain
Import/Export
Factory Reset
System Info
LOG
DVR/NVR
Mode

Alarm System
Arm
Home
Disarm
Unlock

Settings

Record   Detection   Settings   Professional   Alarm System

System Config.

Change Password
Please ensure you set up a password should you wish to connect this DVR to the internet for remote viewing. Failure to do so could mean you are broadcasting the video image in the public domain without any restriction or protection. For further info please go to page 18.
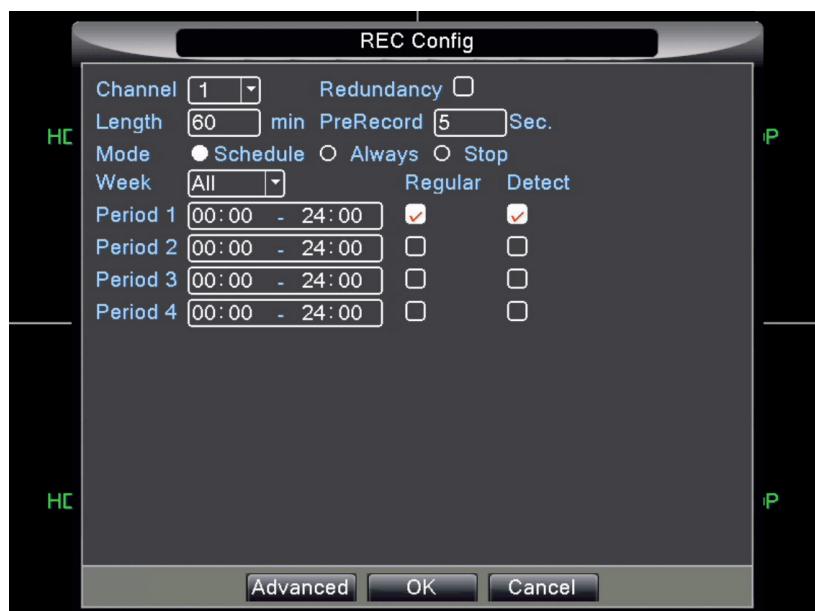
6 Record

REC Config

From the Main Menu, hover over 'Record' and then move the mouse over 'REC Config' and left click to select.
Here you will be able to set your DVR to different recording formats (Schedule, Always or Stop).
First select the Channel you wish to configure.
Channel 1 = Camera 1 etc…

Redundancy: This should remain un-selected.
Length: Recording clip size. We recommend using the default 60 minutes.
Pre-record: Video pre-recording. We recommend using the default 5 seconds.

Select the mode that you want the channels/cameras to perform. Your 3 options are:

1. **Schedule** – To specify days and times of recordings. You have the option of up to 4 time periods per day to set start and end time for recordings (i.e. start 7pm end 7am to record through the night.)
   You can set different start and end times on specific days.

   · Tick the 'Regular' box for continuous recording by left clicking.
   · Tick the 'Detect' box to record on motion detection by left clicking.

2. **Always** – Continuous recording (scheduling not applicable. By default, the oldest recording will be overwritten.

3. **Stop** – No options as this setting **Does Not Record** (Only allows you to view live footage on the TV/Monitor with no playback facility).

   Once you have specified your preferences left click on 'OK'.

   You do not have to change any details within the 'Advanced Menu'.

Playback

From the Main Menu, hover over 'Record' and then move mouse over 'PlayBack' and left click to select.
This option allows you to view past recordings and to make a backup file using a USB Flash Drive as desired.
NOTE - To use any of these features other than live viewing you must pause the footage.

View of the live Channels/Cameras

- Recording must be paused (2) before selecting a date from the calendar (6). Now you must select a time to view, to do this left click on the timeline (4) at the bottom of the screen.

- To back up a specific event or time period of recorded footage, select the start time on the time line bar (4) and left click the 'snip' button (3) then select your desired end time and left click the 'snip' button (3) again. This will trim the video clip as desired. To save this to the USB Flash Drive left click the 'Hard Drive' button (7). For more details on how to back up recordings, see page 10.

- The timeline can be 4 different colours:
  Grey = No recording
  Green = Continuous recording
  Red = Recording triggered by motion detection
  Yellow = Always recording
  You can use the mouse roller to zoom in/out of the timeline.

- If you wish to see footage from one specfic channel/camera select the channel number (5) to display by left clicking.

- If you wish to see footage from a specific date recorded on your DVR, select the date (6) to display by left clicking.
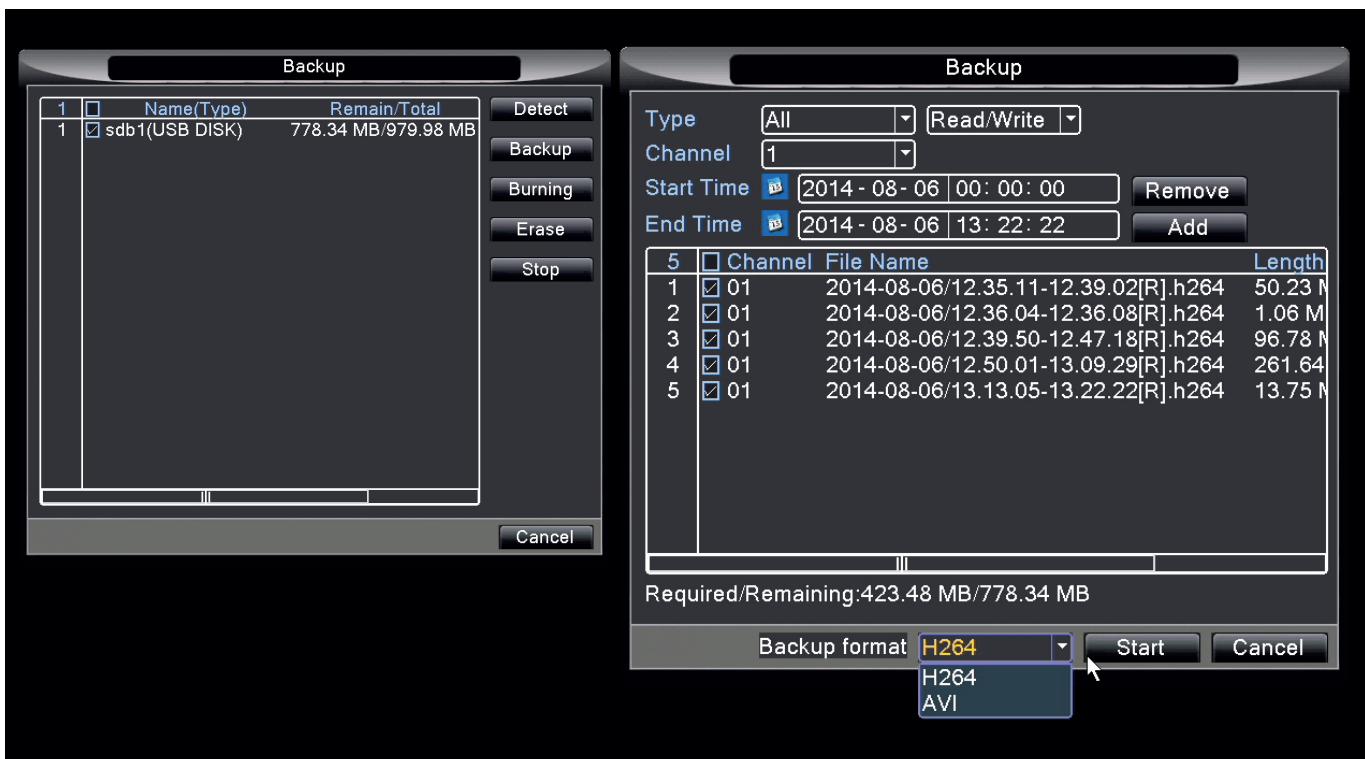
Number Reference

1 = **Live Feed**

2 = **Play/Pause Live Feed**

3 = **Snip Button**

4 = **Time Line**

5 = **Camera Select**

6 = **Date Select**

7 = **Back up to USB Flash Drive**

Backup

From the Main Menu, hover over 'Record' and then move mouse over 'Backup' and left click to select. This option allows you to back up your video recording onto a USB Flash Drive.

1. Insert a USB Flash Drive into the top USB port on the back of the DVR and left click on the 'Detect' button (top right of the screen).

2. The USB Flash Drive will now have been detected and appear within the box on screen (If the Flash Drive is not detected the DVR will need to be re-started with the USB flash drive still inserted).

3. Once the USB Flash Drive is detected you will need to left click the 'Backup' button underneath 'Detect'.

4. You will see a list of recordings in the box on screen as shown in the image (above). This will prompt you to select a clip based on dates for backing up. **NOTE: Make sure back up format is AVI.** Select AVI from the drop down list at the bottom of the page by left clicking.

5. Left click on 'Start' to begin the back up. When back up is complete, left click on 'OK' to dismiss the message, right click anywhere on the screen to return.

Other Backup Options

Burning – Not supported

**Erase** – Erase files currently on your USB Flash Drive

Stop – Stop any ongoing back up process.

NOTE - Please ensure you allow the DVR to complete the backup before removing the USB Flash Drive. Failure to do so could result in the system crashing.

Video Encode

From the Main Menu, hover over 'Record' and then move mouse over 'Video Encode' and left click to select. This option allows you to change the Hard Drive recording and internet streaming video quality for every channel/camera.
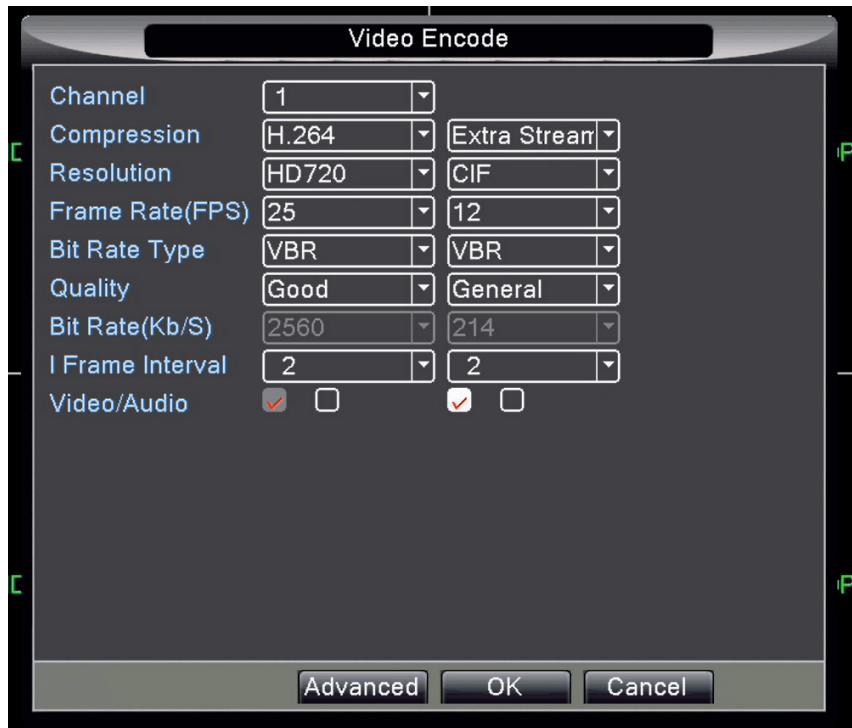
Your DVR will automatically be set to HD720/HD1080 depending on model.

You can change the quality of the Hard Drive recording (left column) and internet streaming (right column). We recommend these settings are left as default, as changing quality could result in poor quality Hard Drive/ streaming performance.

Once you are happy with your settings, left click 'OK'.
You do not need to change any details within the 'Advanced Menu'.

7 Detection

Motion Detect

From the Main Menu, hover over 'Detection' and then move mouse over 'Motion Detect' and left click to select. This option allows you to set the DVR to record when motion is detected in selected areas i.e. window, doorway, gate or driveway.

1. Select the channel/camera you wish to enable from the drop down menu by left clicking.

2. Left click on the 'Enable' box next to Channel (Middle sensitivity is recommended).

3. Left Click 'Set'(next to Region). You will see the live footage of that channel/camera with a grid of red boxes. Left click with the mouse to change the colour of the viewing area.

Image A)

Red = Detects motion
Black = Area ignored

4. Right click to return to the Motion Detect screen.

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5. Set the time period you wish motion detection to take place. Left click the 'Set' button next to the 'Period' heading (image A).

6. The system will default to 24/7. Select the day and time period you want the system to have motion detection enabled by left clicking.

7. Right click to return to the previous menu.
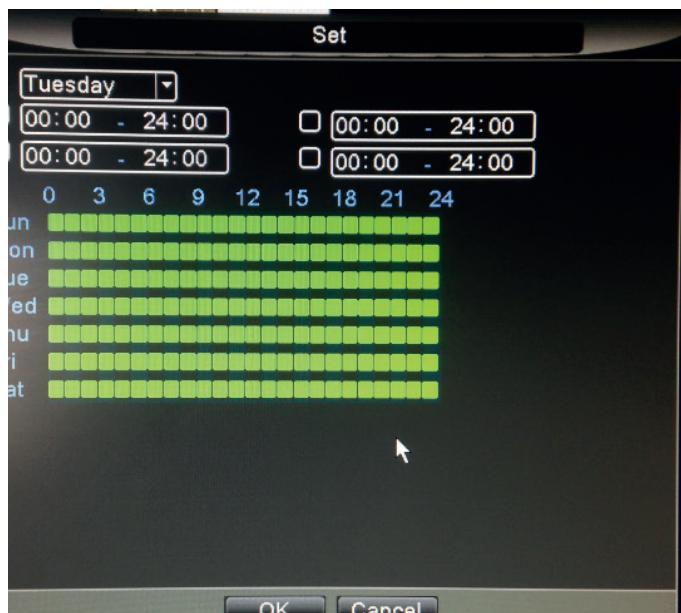
RECORD CHANNEL: Set the DVR to record a number of channels/cameras even if only 1 is activated (e.g. by motion). If camera 1 is triggered then all cameras will start recording for maximum coverage.

TOUR: Same as above but the DVR will record while rotating between all the channels/cameras on screen.

SHOW MESSAGE: Enables a notification to pop up on your screen to indicate that an event has taken place.

BUZZER: This will activate a buzzer sound on the DVR to indicate that an event has taken place.
SEND MAIL: Currently not supported.
FTP UPLOAD: Currently not supported.

Covered Lens

From the Main Menu, hover over 'Detection' and then move mouse over 'Covered Lens' and left click to select. This function helps detect any deliberate covering of the camera lens to obstruct recording.
To enable covered lens detection, select the channel/camera you wish to activate then check the Enable box next to Channel.

PERIOD: Here you can select the times and days you wish the system to check for a covered lens. The dafault setting for this when covered lens is enabled is 24/7.

RECORD CHANNEL: Select which other channels/cameras you want to start recording if the channel/camera selected gets covered.

TOUR: As above, but rather than selecting the individual channels/cameras, all streams will be on rotation.

**PTZ ACTIVATION:** Currently not supported.

DELAY: Currently not supported.

SHOW MESSAGE: Enable notifications to pop up on your screen to indicate an event has taken place.

BUZZER: This will activate a buzzer sound on the DVR to indicate the lens has been covered.

SEND MAIL: Currently not supported.

FTP UPLOAD: Currently not supported.

Signal Loss

From the Main Menu, hover over 'Detection' and then move the mouse over 'Signal Loss' and left click to select. This function alerts you if you lose the signal to any camera. This can be caused by the power being interrupted to the cameras or the DVR.

Change the channel drop down to the channel/camera you wish to enable by left clicking and selecting from the list (or you can select all).

PERIOD: Select the day/time you wish to pick up any loss of signal. The default setting for this when signal loss is enabled is 24/7.

RECORD CHANNEL: Select which other channels/cameras you want to start recording if the channel/camera selected loses signal.

TOUR: As above but rather than selecting the individual channels/cameras, all streams will be on rotation.

PTZ ACTIVATION: Currently not supported.

DELAY: Currently not supported.

SHOW MESSAGE: Enables notifications to pop up on your screen to indicate the signal has been lost.

BUZZER: This will activate a buzzer sound on the DVR to indicate an event (such as signal lost) has taken place.

SEND EMAIL: Currently not supported.

FTP UPLOAD: Currently not supported.

8 Settings
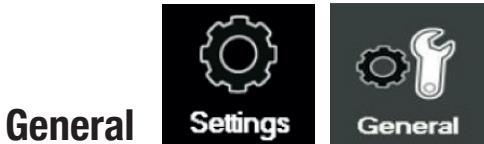
General

From the Main Menu, hover over 'Settings' and then move mouse over 'General' and left click to select. To change the DVR date, time, language and name of DVR simply left click on the drop down option you wish to change.
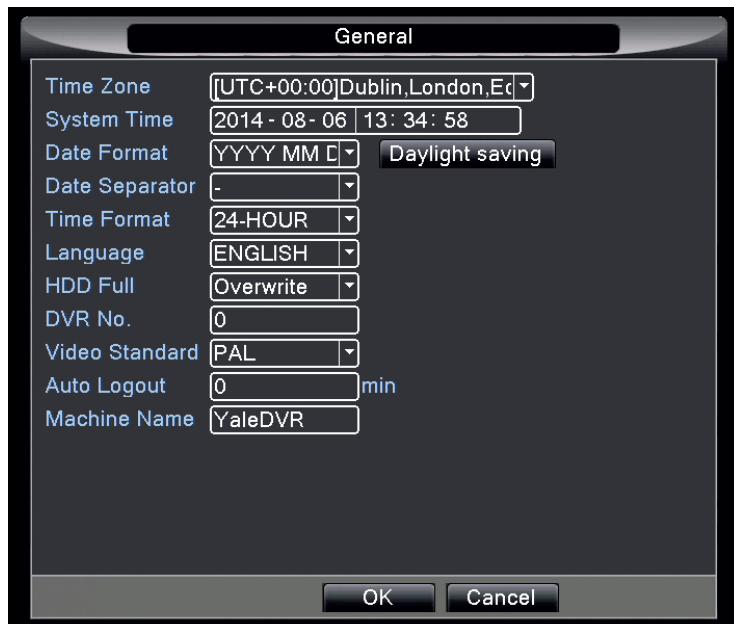
HARD DRIVE FULL: this allows you to chose if you want the DVR to overwrite the oldest data when the Hard Drive is full or to stop recording if full.

DVR NO: Enables you to number your DVR if you have more than one on site.

VIDEO STANDARD: Leave default to PAL.

AUTO LOGOUT: You can enter the number of minutes the DVR will remain inactive before you are logged out and you have to enter your password again.

MACHINE NAME: Rename as appropriate e.g. home, office etc.

Local Network

From the Main Menu, hover over 'Settings' and then move mouse over 'Local Network' and left click to select. You should not need to change these settings unless your network doesn't support DCHP and requires manual network configuration. Please contact your internet provider for further support.

Yale Cloud

From the Main Menu, hover over 'Settings' and then move mouse over 'Yale Cloud' and left click to select.

TOOLS TO SET UP EMAIL FTP AND DDNS: Currently not supported.
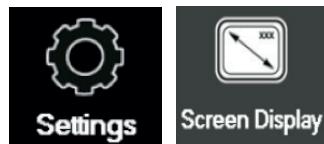
Screen Display
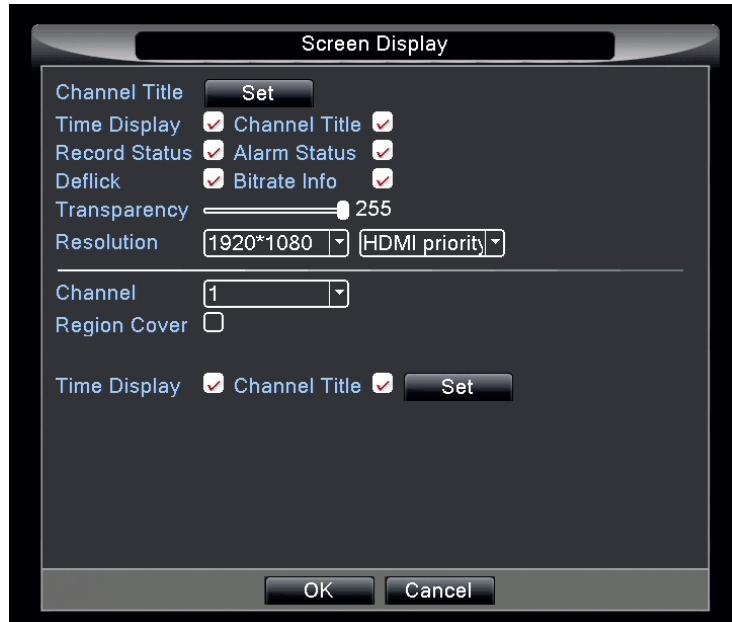
From the Main Menu, hover over 'Settings' and then move mouse over 'Screen Display' and left click to select.

CHANNEL TITLE: Change the channel/camera name (i.e. drive, garden, shed, front door etc). Left click on the channel/camera and using the onscreen keyboard, rename the channel/camera then left click 'OK'.

TIME DISPLAY: Displays live time and date.

CHANNEL TITLE: The name you have used or cam01, cam02 etc.

RECORD STATUS: Indicates if the DVR is recording the channel.

ALARM STATUS: Indicates that an event has taken place.

TRANSPARENCY: Change the darkness of the menu over the cameras – i.e. makes the menu lighter over the camera stream.

RESOLUTION: Change the display output – NOTE: please check your monitor/TV
HD 1080 TV via HDMI = 1920 x 1080 (best resolution) VGA to Monitor = 1024 x 768 or 1280 x 1024.

REGION COVER: Black out areas of screen for privacy, (choose the camera/channel required, left click to select 'Region Cover'. Left click to select either 1,2,3 or 4 areas to be blacked out. Left click on 'Set' to select the size and location of the blacked out area(s) on screen.

TIME DISPLAY AND CHANNEL TITLE POSITION: Set where the time and date stamp will appear on the individual camera streams.

User Account

From the Main Menu, hover over 'Settings' and then move mouse over 'User Account' and left click to select. You can change your password and add more users with varying access rights.
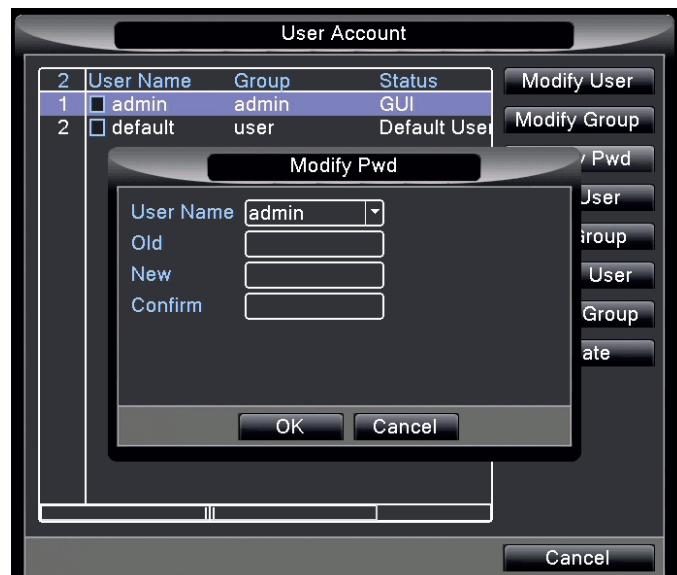
When using this system with the Yale CCTV App you will need an internet connection. Please make sure you change your password for security.
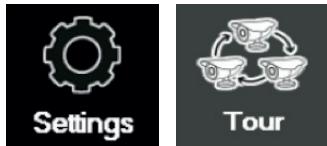
MODIFY PASSWORD: Leave 'Old' as blank then enter your new password – should you forget your password please email info@yale.co.uk with your details and we will send you the master passcode for that day.

POWER USER: You can create new user groups under this option.

PTZ Config
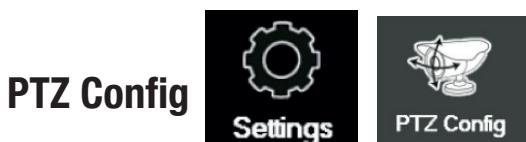
Currently not supported.

Tour

From the Main Menu, hover over 'Settings' and then move mouse over 'Tour' and left click to select. You can then set your screen to rotate between channels/cameras. Tick 'Enable Tour', select which channel/camera to view and how long to view for.

If you select cameras 1, 3 and 4 for 5 seconds, it will show camera 1 for 5 seconds, then camera 3 for 5 seconds, then camera 4 for 5 seconds. Under 'Alarm Tour Type', upon detection of an event it will show the relevant camera for the specified length of time.

Logout

From the Main Menu, hover over 'Settings' and then move mouse over 'Logout' and left click to select. You can Logout of your system so a password has to be entered to log back in again.

You can also shut down the DVR or reboot the system.

Left click on the desired icon or right click to return to the Menu screen.
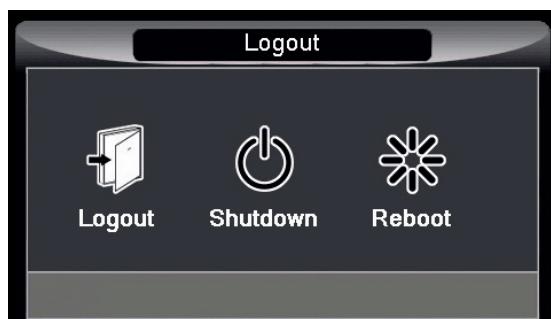
9 Professional Settings
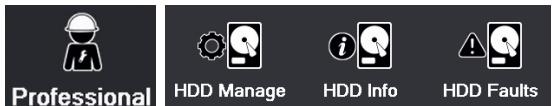
NOTE: For general users these can be left as default and do not need to be changed at all.

From the Main Menu, hover over 'Professional' and then move mouse over desired function and left click to select.

HDD Manage, Info & Faults

This options allows you to make changes to the Hard Drive.

READ/WRITE: Enables the Hard Drive to read i.e. view what footage is on the Hard Drive and Write i.e. enables the Hard Drive to be recorded onto.

READ ONLY: Means the Hard Drive can only be used to view and cannot be recorded onto.

FORMAT DISK: This will delete all footage from the Hard Drive leaving it completely blank.

PARTITION: This allows the Hard Drive to be split into sections meaning a 1TB Hard Drive could be split to 500GB Read/Write and the other 500GB Read only.

HDD Info
- This section allows you to see what Hard Drive you have, the size/capacity, the amount of space left on the Hard Drive and the current status.

HDD Faults
- This section lists what faults the Hard Drive may have, this could be 'No Space' left on the Hard Drive or 'Net Disconnection'. Click the Enable box to choose how the DVR lets you know about any faults. The DVR can show a message, or give an audible buzz. You can select just one or both kinds of alerts.
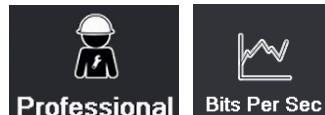
Bits Per Sec
Professional   Bits Per Sec
- Check here to see how much data each channel is sending to the Hard Drive. This shows both Kilobytes per second Kb/S and Megabytes per hour MB/H
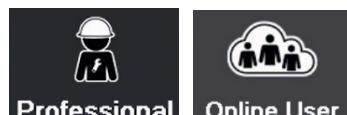
Online User
Professional   Online User
- A list of all online users. It displays their username, IP address and how they log in. You can simply highlight a user and left click 'Disconnect' at the bottom to log them out.

Upgrade

This option allows you to upgrade your DVR Firmware. If the DVR Firmware requires an update Yale will inform you via email if your product is registered.


Auto Maintain

This option allows you to periodically reboot your DVR and to delete old files. Rebooting will extend the DVR and its mechanical Hard Drive. Default is set to reboot weekly on Wednesday at 3am.

Use the mouse and left click to select your date and time preference from the drop down boxes.

Import/Export Professional Import/Export

This option allows you to save and load log & DVR configuration onto a USB Flash Drive.
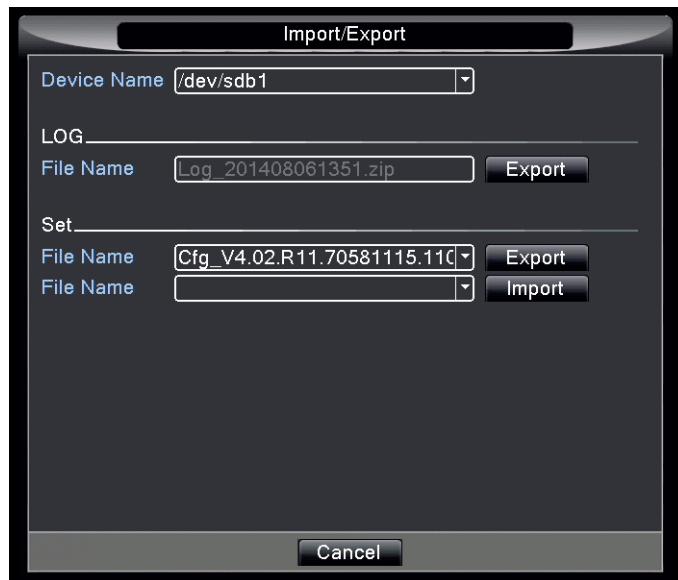
To Export LOG details

1. Enter a USB Flash Drive into the top USB port in the DVR.

2. Your USB Flash Drive name will appear in the Device Name box (if you don't see your USB Flash Drive name appear, please reboot the DVR with the USB Flash Drive connected).

3. Under LOG you will see File Name box. In here is the name of your DVR LOG details, this will be a zip file ending in .zip as shown in the image above.

4. Left click the 'Export' button to the right of this File Name box.

5. You will see an Export success message.

6. Your DVR LOG details are now saved on your USB Flash Drive.

To Export/Import DVR Configuration details.

1. Enter a USB Flash Drive into the top USB port in the DVR.
2. Your USB Flash Drive name will appear in the Device Name box.
3. Under Set you will see two File Name boxes, one with an Export button and one with an Import button.

To Export your DVR configuration settings.

1. You will see a file name starting 'Cfg_.' Left click on the 'Export' button next to this.
2. You will see an Export success message.
3. Your DVR configuration settings are now saved to your USB Flash Drive.

To Import previously saved DVR configuration settings.

1. You will see a file name starting 'Cfg_.' Left click on the 'Import' button next to this.
2. You will see an Import success message.
3. Your DVR configuration settings are now saved to your DVR.

Factory Reset

Here you can select areas that you want to reset to factory settings.
Simply left click the box of the area you want to reset or left click 'Select All' followed by 'OK' to reset.
Details you can reset are:

- **General**
- **Record Configurations**
- **Local Network**
- **Screen Display**

- **Video Encode**
- **Alarm Set**
- **Yale Cloud**
- **User Account**

System Info

Here you can see all the DVR information including MAC, Serial Number and how many channels are available.

Log

The DRV logs a host of information including log-in attempts and network connection times. It's all listed here so you can see exactly how the system is used.

10 Extending Your Yale System

When using a Yale CCTV / Alarm Link Adapter (model: EF-USBDVR), you can control your Yale EF Series alarm and/or Yale Connected Smart Locks via the Yale CCTV App.

Additional External Camera

Additional Indoor Camera

Smart HD CCTV System

Yale CCTV App
Phone not included

CCTV/Alarm Link Adaptor

Keyfree Connected Smart Lock with Yale Module

Keyless Connected Smart Lock with Yale Module
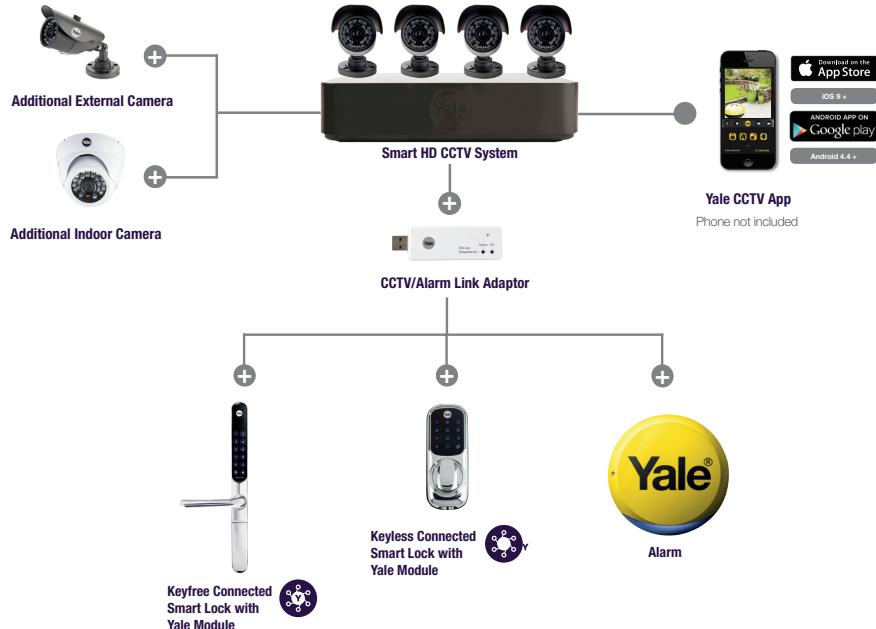
Alarm

Connect CCTV/Alarm Link Adaptor into the spare USB slot on the back of the DVR.

CCTV/Alarm Link Adaptor (EF-USBDVR)

Standard Alarm (EF KIT 1)

Apartment Alarm (EF KIT 4)

Telecommunicating Alarm (EF-KIT 2)

Pairing with your Yale Alarm System

Panic Button A

Siren based system (EF-KIT1, EF-KIT4)

You will need to firstly enter learn mode on your system (See your Yale alarm manual)

Using your alarm Key Pad:

1. Press panic button A followed by the PIN code (Indicated by a continuously flashing LED.)

2. Press panic button A followed by 2 (The Siren will beep in response.)

3. Press panic button A followed by 4 (The Siren will beep and flash in response.)

4. You are now in alarm learn mode.

5. Press the two buttons (one by one) on the CCTV/Alarm Link Adaptor to trigger learning-in signals. The CCTV/Alarm Link Adaptor will transmit radio signals to your alarm system. The Siren will beep and flash when each button is pressed.

6. When both buttons have been learnt in:

7. Press panic button A followed by 5 to quit learn mode.

8. Press panic button A followed by 3 to rearm tamper protection.

9. Press disarm twice to exit (The alarm Key Pad LED will now stop flashing.)

For more information, please refer to your alarm user manual section: Adding accessories to an existing system. 25

Telecommunicating Alarm (EF-KIT2)

1 Light the panel up and press the blue menu icon, enter your PIN number then press the 'tick' button.

2. Scroll down to 'devices' using +/- buttons. Press the 'tick' button, then again on 'Add device'.

3. Press the first button on the CCTV/Alarm Link Adaptor for 1 second to trigger learning-in signals. The CCTV/Alarm Link Adaptor will transmit a Key Fob signal (button 1) to your alarm system.

4. You will then need to confirm your selection on the alarm panel using the 'tick' button before moving on.

5. Press the second button on the CCTV/Alarm Link Adaptor for 1 second to trigger learning-in signals. The CCTV/Alarm Link Adaptor will transmit a PIR Motion Detector signal (button 2) to your alarm system.

6. Confirm your selection on the alarm panel using the 'tick' button before moving on.

7. When both buttons have been learnt in, exit programming menu and return back to standby mode.

For more information, please refer to your alarm manual section: Adding and using accessories.

Pairing with your Yale Connected Smart Lock

1. Follow and complete the full installation instructions to install both your Yale Connected Smart Lock and Yale CCTV System.

Keyless Connected

2. Please make sure the CCTV/Alarm Link Adaptor is inserted into the USB port of the CCTV DVR, and the Yellow Yale Module is inserted into the Smart Lock.
Please note: The batteries must be removed whilst inserting the Module.

Keyfree Connected

3. Wake up the Smart Lock and enter your master code followed by the # button. The lock should make two beep sounds.

4. Press the number 4 followed by the # button. If you get an error beep, please take out the batteries and ensure the module is inserted properly, replace the batteries then repeat the process from step 3.

5. Press number 1 followed by the # button. If you get an error beep, please press number 2 (if Keyfree Connected) or 3 (if Keyless Connected) then repeat the process from step 3. The lock is now in pairing mode.

6. On the CCTV/Alarm Link Adaptor, press and hold the button saying 'Keyfob' for 5 seconds until the red light comes on. **Please note:** You only have one minute to do this from completing step 5.

7. The Smart Lock will indicate that it has been connected with three ascending beeps for Keyless, for Keyfree the voice will say 'connected'.

8. On the DVR menu screen, double click 'Unlock' using the mouse which will complete the pairing process.
Please note: When your DVR has been rebooted you may need to first unlock using the DVR screen before this will work on the Yale CCTV App.

9. On the Yale CCTV App, swipe the information bar left and then press the 'Unlock' button.

Operation

Arm: Press the Arm button on the DVR screen or Yale CCTV App. The alarm will now enter Full Arm mode.

Home Arm: Press the Home Arm button on the DVR screen or Yale CCTV App. The alarm will now enter Home Arm mode.

Disarm: Press the Disarm button on the DVR screen or Yale CCTV App. The alarm will now be disarmed.

Door Unlock: Press the unlock button on the DVR screen or Yale CCTV App. The lock will now open.

Camera signal loss: With Signal Loss option (Main menu -> Detection -> Signal Loss) enabled, disconnection of a camera cable will trigger an alarm during Arm mode.

For videos on how to do this, please visit **www.yale.co.uk/smart-living**

11 Connecting your DVR to the Internet

In order to connect your DVR to the internet for remote internet viewing, you will need the following:

1. A fixed-line broadband router with fast internet access (ideally 10Mps+).

2. At least one spare wired network socket so the DVR can be connected to the broadband router via the ethernet cable supplied.

Please note for use in complex networks: This DVR may not perform optimally in some corporate environments. Large company network normally use Symmetric NAT and this will degrade the connectivity, speed and performance of certain remote operations. Please ask your network administrator to enable port forwarding for this DVR.

12 Yale CCTV App

Please search and download "Yale CCTV" App from iOS iPhone App Store or Google Play Store.

Compatible with iOS 9+ and Android 4.4+ (iOS and Android version requirement may change in the future due to continuos improvement and App development.)

Minimum recommended resolution 600 x 900.

For optimal performance, your Smartphone needs to have internet access (at least 3G+ with good signal strength). You may find that your connection works much faster when you are connected to a home WIFI network.

The remote viewing feature requires our central server. Yale offers no guarantee on the availability of our free server. We would contact individual users via email should the situtation change.

In the unlikely event of a server disconnection, the DVR will continue to function via local HDD recording.

You can view your DVR remotely using the Yale CCTV App. Please download this App from the iOS App Store or Google Play Store. Search "Yale CCTV". Please make sure you have a fast mobile internet connection (ideally 10Mbps +, and preferably Wi-Fi connection to ensure the App runs smoothly).

Upon launching the Yale CCTV App:

Please note: Due to a continuous programme of improvement the App interface may vary from that shown below.
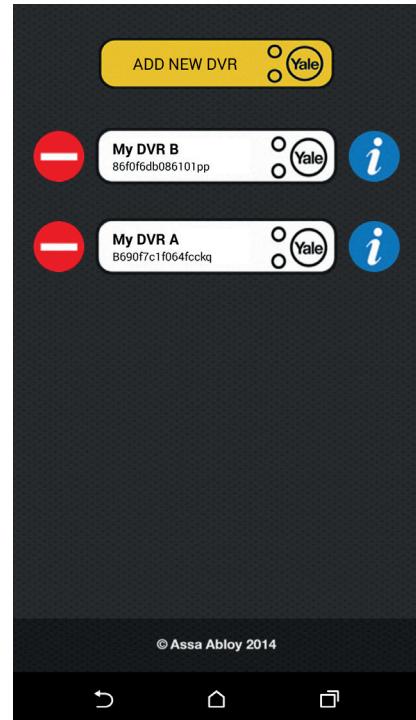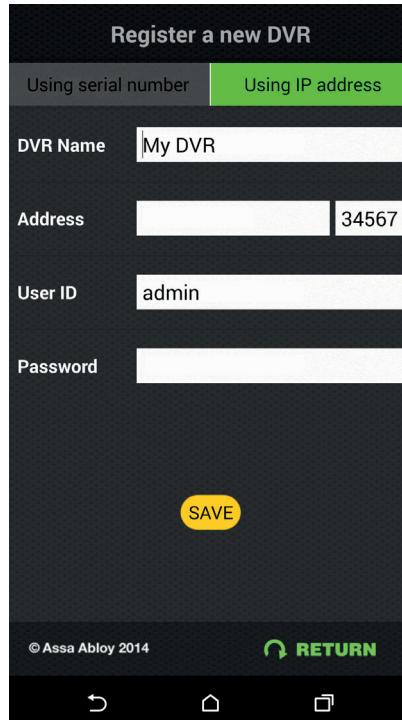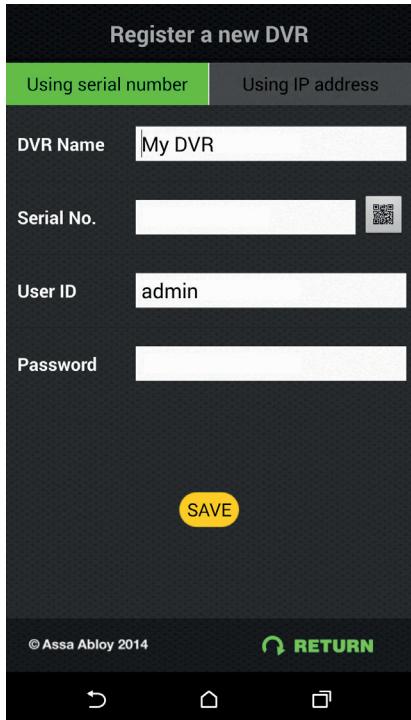
No DVR registered:
- Using Serial number (QR code)

Please name your DVR, followed by pressing the QR code icon (on the right side of Serial No.). This will open up a scanner for you to scan the QR code on your DVR or on screen via the quick start menu (see page 5). Enter your User ID (default=admin) and password, this will be the same password that you have set-up on your DVR. Please ensure you set up a password on your DVR before using the Yale CCTV App. Press Save once finished.

- Using IP address (port forward)

Please name your DVR, followed by entering your static IP or URL from your DDNS server. Enter your User ID (default=admin)and password. Please ensure you set up a password on your DVR before using the Yale CCTV App. Press Save once finished.

Already registered:
- Select an existing DVR to view

Choose to the existing DVR you want to connect or add a new DVR. You can also delete and edit your registered DVR here.

You will now see the main console screen showing the first camera. If you use QR code for connection, the image may take more than 20 seconds to load up.

If the DVR failed to load or the camera cannot be connected, please restart the App or press the camera icon within the picture frame to reload. Please also check and ensure your DVR is connected to the internet.

EC Declaration of Conformity

We: **ASSA ABLOY Ltd**
School Street, Willenhall
West Midlands
England, WV13 3PW

Declare under our sole responsibility that the following product(s):

Yale Model: **H8B-HD**

H4B-HD

HDC-303G-2

HDC-302W-2

HDC-403G-2

HDC-402W-2

EF-USBDVR

is (are) in conformity with the following CE and RoHS standards:

EN55022:2006+A1: 2007+A2: 2010;	EN61000-4-5:2006;
EN55024:2010	EN61000-4-6:2014;
EN50130-4:2011;	EN61000-4-8:2010;
EN61000-3-2:2006+A1:2009+A2:2009;	EN61000-4-11:2004;
EN61000-3-3: 2008;	EN60950-1:2006+A11:2009+A1:2010+A12:2011
EN61000-4-2: 2009:	2011/65/EU (RoHS)
EN61000-4-3:2006+A1:2008+A2:2010	2006/66/EC (RoHS)
EN61000-4-4:2012;	IEC 62321:2008 (RoHS)

Name: Nigel Fisher   **Position: Director**

Signature: Date: 03/03/2016

On behalf of ASSA ABLOY Ltd.

NoPb CE

Issue No: 1A

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

THE ASSA ABLOY GROUP is the world's leading
manufacturer and supplier of locking solutions, dedicated to
satisfying end-user needs for security, safety and convenience.

An ASSA ABLOY Group brand

ASSA ABLOY