

## Linking your IP camera to your CCTV system.

This feature enables the DVR to work as a Network Video Recorder (NVR). This means IP Cameras connected to the same router as the DVR can be wirelessly connected, recorded and viewed through the DVR. This also enables the footage to be viewed using the Yale CCTV App on a Smartphone.

### **How to set up NVR mode.**

**NOTE:** It is recommended you back up the hard drive prior to changing the DVR/NVR Mode. You can back up footage from your hard drive to a USB flash drive. To do this follow 'Import/Export' instructions on page 22.

**Also please be sure the IP Cameras you are connecting to your DVR have been set up are powered and accounts also created.**

1. On your CCTV screen, Right click the mouse to open the 'Main Menu'
2. Left Click > 'Main Menu'
3. Move the mouse cursor over 'Professional' (4<sup>th</sup> header along the top) then down to DVR/NVR Mode (bottom right) and Left Click.
4. Left click 'Channel Type'.

You will now have a number of channel configurations for you to select.

The box named 'Local' shows the number of Yale CCTV cameras wired directly into the DVR in each configuration, and what quality they can be. I.e., HD1080, HD720 or 960H.

The right box named 'IP' shows the amount of wireless IP Cameras that can be connected to the DVR in each configuration, and what quality they can be.

5. Left click the tick box next to the configuration you want i.e.

If you have a **2 Camera HD720 CCTV Kit** and a **HD720 IP Camera** you would select:

**Local** > HD720 – 2

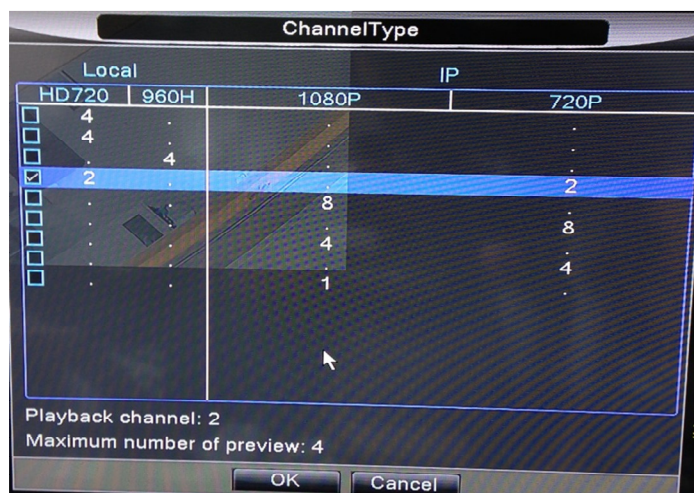
**IP** > HD720 – 2

If you have a **4 Camera HD1080 CCTV Kit** and **2 HD1080 IP Cameras** you would select:

**Local** > HD1080 – 4

**IP** > HD1080 – 2

*Fig 1. The highlighted example shown here is showing the configuration that allows for 2 CCTV Cameras and 2 IP Cameras to be connected to a HD720 system.*



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6. Once you have selected the required configuration, Left click 'OK' at the bottom.
7. You will receive a Message saying: 'If you change camera modes, this may lead to loss of existing recording. Confirm change?'
8. Once you left click 'OK' your DVR will reboot (This can take up to 2 minutes). Your CCTV DVR will then return to the 'Quick Start' screens.

**NOTE:** A loss of recording may not happen, but as recommended above, please back up any footage you want to keep from your DVR to a USB flash drive following the 'Import/Export' instructions on page 22 of your CCTV manual.

9. Ensure 'Yale cloud enable' is selected and left click 'Next'
10. Left click 'Next' when promoted to 'set-up your system'.
11. Next you will see the 'System Login' screen. You will be prompted to complete this at a later stage - left click 'OK'. If you have already set an existing Username and Password for your CCTV system please enter them here and left click 'OK'.
12. In the 'IP Camera Connection' screen please select 'Manual Connection' as this creates a more reliable and stable connection to the IP cameras.
13. Left click 'Next' to go to the 'IP Channel Config Wizard' screen.
14. Left click the 'Search' button top right.

All wireless IP cameras detected will be listed in the top box.

**NOTE:** If you don't see an IP Camera name appear in the top box left click 'Search' again. It may take a few clicks until the IP Camera information is received.



15. Left Click to highlight the IP Camera name under 'Device Name' (See above)
16. Next select the channel you wish to view the IP Camera footage on (shown in the middle of the screen) by left clicking. Select a channel with 'IPC' showing in the 'Device Type' Column (In this shown example this would be 3 or 4, See above).

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17. With the channel selected, Left click 'Add', this will update the information at the bottom of the screen i.e. 'Device Address' and 'Port'.
18. In the 'User Name' & 'Password' boxes, please enter the IP Camera Username and Password in the appropriate boxes at the bottom using the Mouse supplied. These details will be the ones used when initially setting up the IP Camera account.
19. Once entered left click 'Next'.
20. You will see a 'Thankyou' screen, left click 'OK'.
21. If you want to set up more than one IP Camera, repeat the process above, selecting a different channel for the second IP camera.
22. If no IP camera image is shown in the selected channel, please check the IP camera is connected to the same router as your CCTV DVR, your router is switched on and repeat the process.