



# Jargon Buster & Understanding CCTV

## What do the icons mean?



**Number of Cameras in your CCTV Kit** - Yale offer a range of CCTV Kits which are available in a number of Formats. This will indicate how many cameras you should expect to find in the pack



**Day & Night Vision** - Yale CCTV Cameras offer the availability to Record Colour in the Day and Black & White at Night by using the Cameras Built in Infrared LED's (IR). These will cover a range of distances highlighted on the Yale Box



**Weather Resistant** - Yale CCTV cameras are indicate whether if they are suitable for use Outdoors. If the cameras are suitable they will be given an IP rating which will indicate if they are weather resistant or weather proof.



**Image Quality** - Image Quality is indicated by the amount of CCTV lines the Cameras are able to Produce. This is shown as TV Lines (TVL). The Higher the number, the better quality of the image displayed.



**TV / Monitor Connections** - Yale DVR's and Cameras are able to connect to your TV or Monitor through a number of Connections. This can be via HDMI, VGA or RCA connection.



**Number of Channels you can record on** - This will indicate the number of Cameras you are able to connect onto your recording device.



**DVR/NVR Recording Resolution** - Yale Recording Devices record in a number of different formats. This is indicated here.



**Size of Storage device fitted** - Yale Recording devices are fitted with Hard Disc Drive (HDD) or Flash Disc Drive (SD Card). This will be displayed in GB (Gigabyte) or TB (Terabyte). 1 Terabyte is equivalent to 1024 Gigabyte's



**USB Backup** - Some Yale Recording devices allow you transfer recorded footage onto a USB Flash Drive device. This will allow you to store on a PC or pass onto relevant bodies if required



**Remote Viewing** - Networkable Devices will allow you to View your CCTV Cameras from any remote location as long as your device is connected to Wi-Fi. View your images on Smart phones, Tablets via the Yale App available from Google or Apple Store. View on your PC using your web browser.



**Installation** - All Yale products come with Wires and fittings for simple Plug and Play CCTV.

## What is a DVR?

A DVR (Digital Video Recorder) simultaneously monitors and records video footage from a number of cameras connected to the recording device. Video images captured are recorded and stored to a hard disc located inside the DVR. This can be easily displayed on a standard Television or Monitor. Some Yale DVR's can be connected to the internet to allow viewing from a portable smart device.



A Hybrid DVR is a Recording device that can accept more than one type of video signal input. The most common video signals used today are analogue BNC & IP Network Cameras. The advantage of having a Hybrid DVR is the ability to use analogue cameras, while adding IP megapixel cameras to areas that need more detailed monitoring through better image quality.

## What is recording & playback resolution?



When you are searching for a standalone digital video recorder you will see different types of recording and playback resolution. These could be CIF, D1, 960H. The difference's between these are the size the image that can be displayed to achieve the best possible display.

## How do I connect the Yale DVR recorder to a TV?

Most Yale DVR's will have at least 1 of the following video outputs, HDMI, VGA or BNC. This may allow you to view your CCTV system on a number of different types of TV or monitors.

BNC Output will allow you to connect to your TV's RCA input (Yellow Socket) by using a BNC/RCA Adapter.

VGA Output allows you to view your CCTV system on your PC Monitor or LCD, LED TV provided it has a VGA input port.

HDMI allows you to view your CCTV system on LCD,LED or Plasma TV providing it has a HDMI input. HDMI allows you to view video in high definition up to 1080p resolution.



## How many cameras can I install?

Dependent on the Yale DVR you have is related to the amount of cameras you are able to install. Many of the Yale range will allow for extra cameras to be fitted. Please refer to Yale Manual or packaging for further details

## Can I back up my footage via USB?

Yale DVR's have the function to transfer saved footage from the hard disc drive to a USB flash Disc storage device. This will help prevent the need to unplug the recording device should you need to show required authorities any suspect footage, thus helping give 24/7 continued surveillance

## What is the difference between Bullet, dome and PTZ cameras?

Bullet Cameras – Bullet cameras are affordable cameras for a wide range of applications. Bullet camera's are designed to be aimed at a fixed specific location, such as a door, driveway, room, office, shop counter, etc. Many fixed bullet cameras are suitable for indoor & outdoor use.

Dome Cameras - Dome cameras are more discrete than a ordinary bullet camera. Dome cameras are designed for ceiling and mainly indoor use. Dome cameras make it hard to work out which direction the camera is pointing.

Pan, Tilt, Zoom (PTZ) Cameras – PTZ are motorised cameras that can be moved via DVR or mobile phone app. They aren't limited to monitoring at the area they were pointing at. Instead they can be moved around full 360 degrees, tilt up and down and zoom in and out and help provide maximum coverage.

## What does TV Lines mean?

Television Lines (TVL) is a specification used for analogue BNC CCTV Cameras. The amount of TVL produced will determine the quality produced. The TVL is one of the most important resolution measures in choosing a video system & the higher the number the better the image.

## What is 'infrared' night vision?



Infrared (IR) Night vision allows your CCTV Camera to see in the dark. This is achieved by using the camera's built-in IR LED's. The Infrared light provides the illumination required to capture the images in total darkness or low-light conditions. Yale CCTV Cameras cover a range of distances, these can vary from 16ft/5m to 165ft/50m night vision depending on the model you choose. Please refer to camera user guide or packaging for further details.

## What does weather resistant mean?

Weather resistant or weather proof cameras can be used outdoors. We recommend these are shielded from direct sunlight, rain, snow and wind. Camera's power supplies must NEVER be left exposed. Always refer to the Yale Manual or packaging for information on the weather resistance or temperature tolerance levels.

## What does it mean by CMOS or CCD Image Sensor?

CMOS stands for Complimentary Metal Oxide Semiconductor, CCD stands for Charged Coupled Device. Both are a type of image sensor. CMOS sensors are mainly used in CCTV Cameras, Digital Cameras & many other low powered image electronics.  
CCD sensors are mainly used in high end CCTV Cameras & other portable devices such as camcorders.

## Can I view on my Smartphone, Tablet or PC?

Yale DVR's and selected individual cameras have the ability to view and monitor from selected smart phone & tablet devices. This is accessible from the Yale Viewing App on Apple or Google play store. For compatibility please refer to Yale Manual or packaging.



Viewing on your PC is Easy. Simply log on to [www.yale.co.uk](http://www.yale.co.uk) on internet explorer and type in DVR details to access live viewing.