

Different CCTV formats to choose from:

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There are several CCTV formats to choose from; SD CCTV (also known as Analogue CCTV), HD over Coax CCTV and IP CCTV.

Choosing the format is the most important decision you will make, the formats are not inter-compatible so take plenty of time when deciding. To read information about each format click on below links:

What is Coax?

Before HD over Coax CCTV systems, you had the choice of analogue or IP.

Analogue was the only type that ran over coax cable but was limited to resolutions of about 500k pixels, but IP systems could go to many millions of pixels.

Over the past 50 years many CCTV installations have used analogue cctv with coax cabling - so for all those - the only way they could have high definition cctv was to replace the entire system and re-wire using cat5 cables - a very expensive upgrade.

This increased the need for HD over Coax CCTV - and that first came about with the introduction of HD-SDI, soon followed by HD-CVI & HD-TVI. All formats offer 1080P (2.1 Million pixels) resolution images using coax cable. Allowing millions of people the ability to upgrade their CCTV system without having to completely re-wire it, they could just replace the cameras / recorder.

What is HD-TVI?

High Definition Transport Video Interface

Available in 720P and 1080P High Definition and can transmit data over 500m using coaxial cable or cat5 cable using HD-TVI baluns.

Most **HD-TVI products are not compatible with any other format** - however we offer "hybrid" HD-TVI recorders which allow you to connect HD-TVI Cameras as well as Analogue (SD) cameras..

Ideal for upgrading to high definition - as you can keep your coax cable in place and just replace the cameras / DVR.

HD-TVI is capable of sending video, audio and dual way data communication down 1 RG59 coax cable!

What is HD-CVI?

High Definition Composite Video Interface

Available in 720P and 1080P High Definition and can transmit data over 500m using coaxial cable or cat5 cable using HD-CVI baluns.

Most **HD-CVI products are not compatible with any other format** - however we offer "tribrid" HD-CVI recorders which allow you to connect HD-CVI Cameras as well as Analogue (SD) and IP Cameras.

Ideal for upgrading to high definition - as you can keep your coax cable in place and just replace

the cameras / DVR.

HD-CVI composites video, audio and control signals together this allows the ability to have motorised zoom cameras without the need for any data cables - so keep any eye out for our motorised zoom HD-CVI cameras, as when used with our HD-CVI recorders you can zoom in and out remotely from the DVR! Makes installation even easier!