

HD-SDI

Benefits of HD-SDI Versus Analogue & IP Solutions

- Genie CCTV has a fantastic range of high quality HD-SDI cameras, recorders and accessories available. HD-SDI (High Definition Serial Digital Interface) unites the high quality images of IP with the point to point configuration of analogue systems. This technology is a great way to upgrade an existing analogue system to digital since legacy cabling can be utilised* which therefore saves time and money. (*Subject to cable quality)
- Unlike IP, HD-SDI operates over the familiar closed circuit system which eliminates any security threats that could compromise the system and also the need for IT expertise to support and manage it. This familiarity of analogue installation is beneficial for installers as little or no training is required to perform HD-SDI upgrades.
- Similar to your HD TV at home HD-SDI can offer impeccable picture quality for your CCTV system giving 720p and 1080p resolution in real time (25fps). This broadcast quality does not have bandwidth issues since it is connected directly to the DVR from point-to-point.
- HD-SDI Digital Video Recorders generally allow remote access via a web browser or mobile phone device to enable the system to be monitored and controlled remotely if required.
- Genie has a selection of accessories perfectly suited for HD-SDI installations including converters, repeaters (to help increase transmission distances) and extra HDD storage for additional backup space.

HD-SDI Products



Proportional Image Examples of Analogue 4:3 vs HD-SDI 16:9



Analogue 4:3



HD-SDI 16:9