

Jargon Buster

Video Surveillance



Term



Explanation

Analogue

An analogue camera is a traditional camera used in CCTV systems which sends video over cable to DVRs, rather than IP cameras, which send video signals over internet cable to be stored in the network.

ANPR - Automatic Number Plate Recognition

This refers to intelligence built into camera mechanisms to read number plates from a camera image, which is then cross-checked by a reader against an internal database to determine whether it is a known or unknown vehicle.

Bullet Camera

Named for their shape, bullet cameras are lenses built inside a long unit, which enables them to capture images at long distances and use zoom functions.

Dome camera

These are cameras built inside a glass dome, which protects them from interference.

DVR – Digital Video Recorder

This type of recorder covers footage from analogue cameras to digital footage. With this type of system, data is processed at the recorder, compared to NVRs where data is processed at the camera.



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HDCVI - High-Definition Composite Video Interface

HDCVI cameras are used to combine analogue infrastructures and modern technology. This technology combines audio, video, data, and power over analogue cabling, to provide 4k video recordings with sound.

HDD – Hard Drive

HDDs are traditional electro-mechanical storage devices used to allow data storage and the expansion of storage capacities of Video Recorders such as NVRs and DVRs.

IP – Internet Protocol

An IP camera, or Internet protocol camera, is a type of digital security camera that receives and sends video footage via an IP network.

IR – Infrared

Infrared cameras usually have infrared LED lights around the lens and can capture images in low light by detecting the thermal energy given off by the scene within the frame.

MP – Megapixels

A pixel is a small unit of digital information within an image. A higher number of this capability within a camera unit relates to a high resolution (better quality) image. A megapixel is made up of one million pixels.



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NVR – Network Video Recorder

These recorders store video data from IP camera units. NVR systems encode and process video data at the camera, and stream that data to the NVR, which is used for storage and remote viewing.

PoE – Power Over Ethernet

A device that has several ports available. The switches come in 8 port, 16 port, 32 port and 48 port. These switches also supply electricity to the device via the ethernet.

PTZ - Pan-tilt-zoom

This term refers to cameras with mechanical parts which allow them to pan left and right, tilt up and down and zoom in and out of a scene.

TIOC – Three In One Camera

Performing three functions, these cameras incorporate high-definition video, two-way audio and alarm functions.

Turret Camera

Turret Cameras are lenses built inside a unit with a ball and socket mechanism. Named for their turret-style 3-axis construction, they can be angled in varying directions for versatility.

