



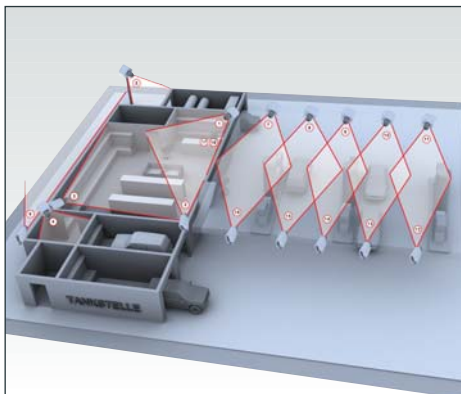
Video security solutions with network technology

Video surveillance of a petrol station using network cameras

The surveillance of a petrol station is divided into several sections, each with different requirements to the applied cameras.

In this situation, a hybrid video surveillance system is used which consists of analogue CCTV cameras as well as network cameras with mega pixel resolution. The recording is done by the digital recording system NUUO-NDVR-32P.

A digital video surveillance system consisting of a set of network cameras with mega pixel resolution is the best approach to ensure security. Picture recording is being done by a digital recording system.



SNC-3901MDN



SNC-6201M



VTC-279IRPWD



SVS-1001



SNC-5211MR



NUUO-NDVR-32P



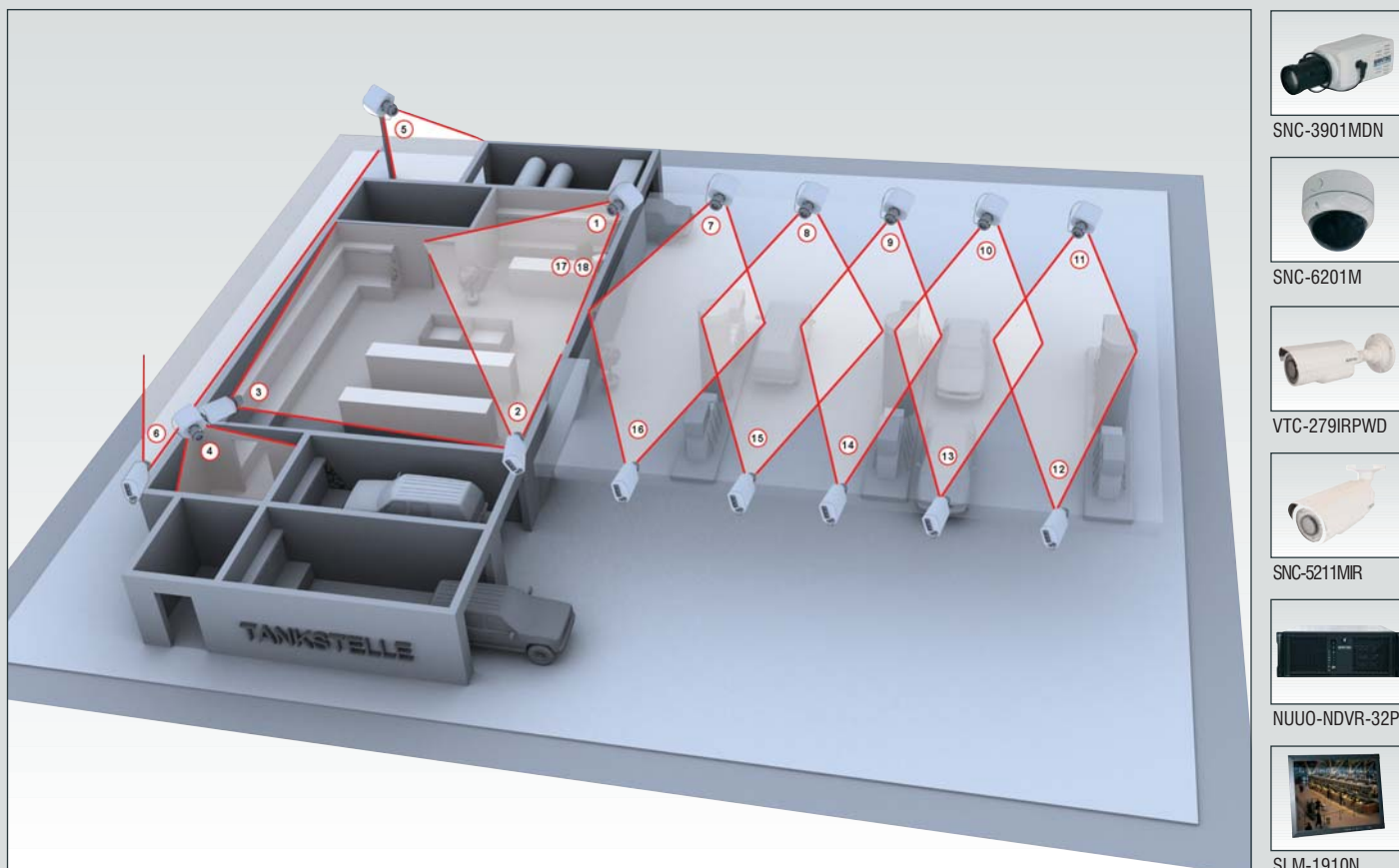
SLM-1910N



17141DN

SANTEC
VIDEO TECHNOLOGIES

APPLICATION EXAMPLE



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Outside areas

The outside area of a petrol station is a particularly critical one because the refuelling procedure, the cars' licence plates and the people have to be captured in detail. For 24 hours applications, high-resolution mega pixel network cameras with appropriate lenses and built-in IR-LEDs are used which produce excellent pictures. Other outdoor areas such as the backside of the building or the car wash area are also monitored by high-resolution cameras.

Indoor area - cash desks

High-quality mega pixel cameras should be used to monitor the cash desk in order to produce proper pictures to identify suspicious persons or to clarify odd situations.

Indoor area - shop area and main entrance

The shop area and the little warehouse aren't fully visible from the cash desk area. Therefore dome cameras with variable focal lengths are ideal to monitor these areas.

Applied cameras

Camera 1: The camera at the cash desk is the high-resolution SANTEC 1.3 mega pixel camera SNC-3901MDN with matching lens 17141DN which has a variable wide angle.

Camera 2-4: High-resolution SANTEC IP mega pixel dome camera SNC-6201M with 1.3 mega pixel resolution and vario zoom. Depending on the size of the room and the requirements, a camera with a lower resolution (D1) can be used.

Camera 5-6: Weather-proof SANTEC outdoor cameras VTC-279IRPWD with built-in IR-LEDs. Using the 1-channel IP video server SVS-1001 is a cost-efficient solution to transmit the analogue video signal via IP.

Camera 7-16: Weather-proof SANTEC 1.3 mega pixel network cameras SNC-5211MIR with vario zoom and brilliant picture characteristics and integrated IR-LEDs to capture all details near the petrol pumps.

Picture recording and playback 17-18:

All cameras are recorded by a professional network video recorder of the NUUO series, e.g. NUUO-NDVR-32P. Only authorised people have access to it. Pictures can be stored on external devices such as DVD or USB stick. There is a slim 19" monitor SLM-1910N in the cash desk area which displays the most important live pictures.