



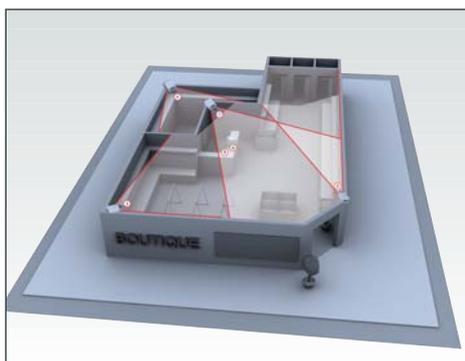
IP-supported video security solution

Video surveillance of a shop using network cameras

This application example demonstrates a video surveillance approach of a small shop, e.g. a kiosk or a news stand, using network technology.

Professional network cameras are used here. The pictures are recorded with up to 1.3 mega pixel resolution. Hence even the smallest details become visible.

The camera pictures are recorded onto a network video recorder which enables the display of live-pictures as well as access to recorded pictures via the network or the Internet.



SNC-6201M



SNC-3901MDN



SNC-5211MIR



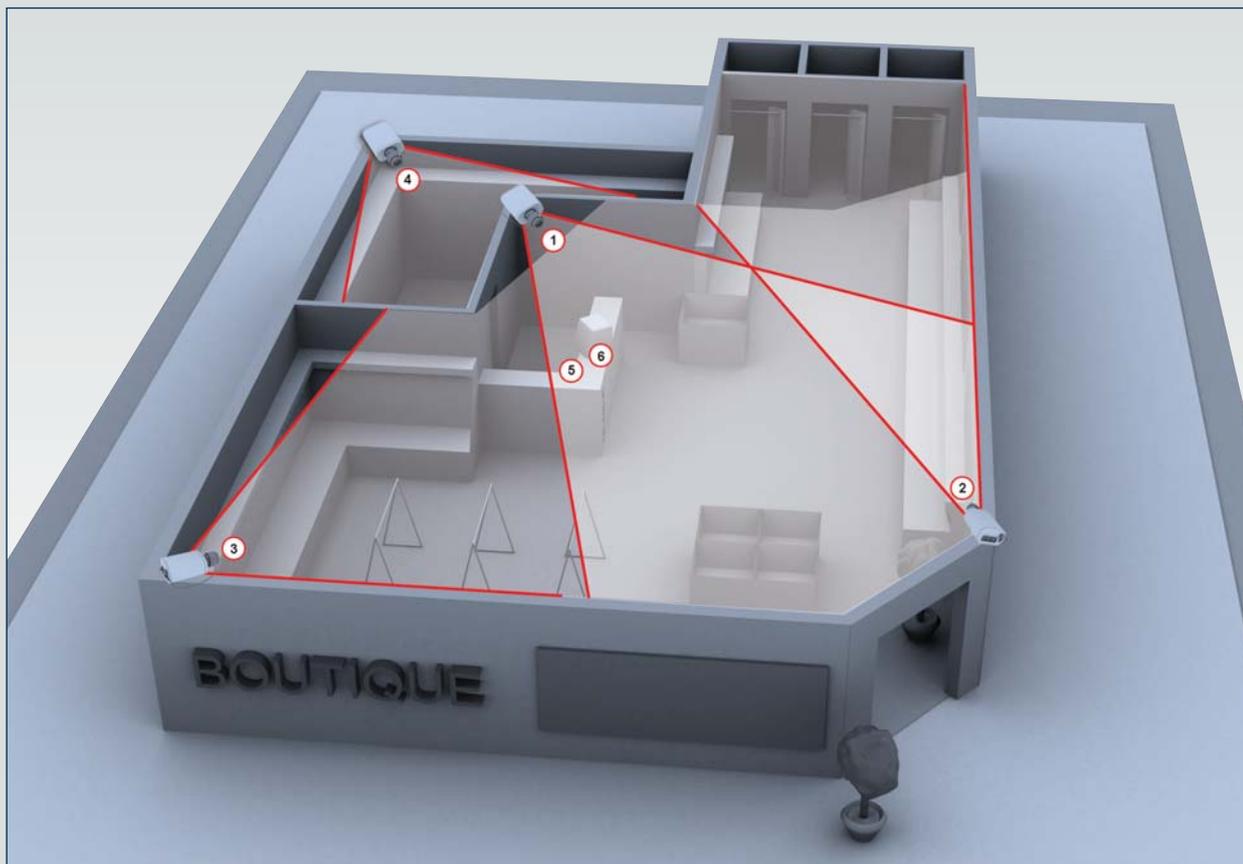
NE-2040-EU-1000



17141DN

SANTEC
VIDEO TECHNOLOGIES

APPLICATION EXAMPLE



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17141DN

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Cash desk area and side entrance

A small high-resolution network dome camera is particularly suitable to monitor a cash desk area because it is discrete and unobtrusive to customers. Thanks to a variable focal length, the best angle of view can be achieved.

Sales floor and main entrance

The sales floor area cannot be fully monitored by the cash desk area. Hence cameras with a wide angle variable focal length can be used to ensure complete surveillance of the sales floor area. The cameras are ideal to be adjusted to the existing light conditions which allows them to produce excellent pictures.

Warehouse

A warehouse can discretely be monitored by using a vandal-proof compact camera with integrated IR-LEDs. Thus even in complete darkness, everything becomes visible.

Applied cameras

- Camera 1:** High-resolution network dome camera SNC-6201M with 1.3 mega pixel and vario zoom lens with 3.5 - 16 mm focal length.
- Camera 2, 3:** High-sensitive day/night network camera SNC-3901MDN with 1.3 mega pixel and high-class zoom lens 17141DN with 2.8 - 6.0 mm focal length. The camera produces brilliant pictures also at night.
- Camera 4:** Compact network camera SNC-5211MIR with 1.3 mega pixel and integrated IR-LEDs and vario zoom lens with 3.5 - 16 mm focal length. The camera produces brilliant pictures even in complete darkness.

Picture recording and playback (5 and 6):

Recording is being done on a NUUO NE-2040 4-channel network video recorder (NVR). It records pictures 24/7 and stores them onto a built-in 1 TB HDD. Using a PC, the pictures can be viewed and analysed in the shop at any time.

It is possible to access the pictures from anywhere in the world by using an internal network or a DSL-router. Apps are also available for different smartphones (iPhone, Android etc.). Different recorder models are available, depending on the performance requirements and features.