

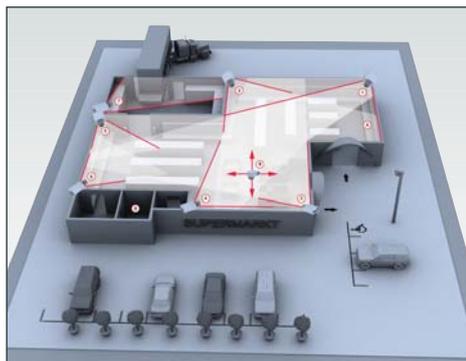
## Video security solutions with CCTV cameras

# Video surveillance of a supermarket using CCTV cameras

The surveillance of a supermarket is divided into several sections: entrances and exits, cash desk area, shelves with expensive goods such as spirits and cosmetics, as well as warehouses with delivery zones.

A video surveillance system consisting of analogue CCTV cameras is the best way to ensure security. Besides fix-installed cameras, a speed-dome camera is installed in the sales floor which provides a high zoom range and 360° pan/tilt functionality to support the security staff at their work.

Recording is done via a digital 8-channel recording system.



VTC-HDH322PWD



VTC-262PWD



VTC-HDH432IRPWD



VDC-295ID



SLA-19AX



SanStore-8MMX



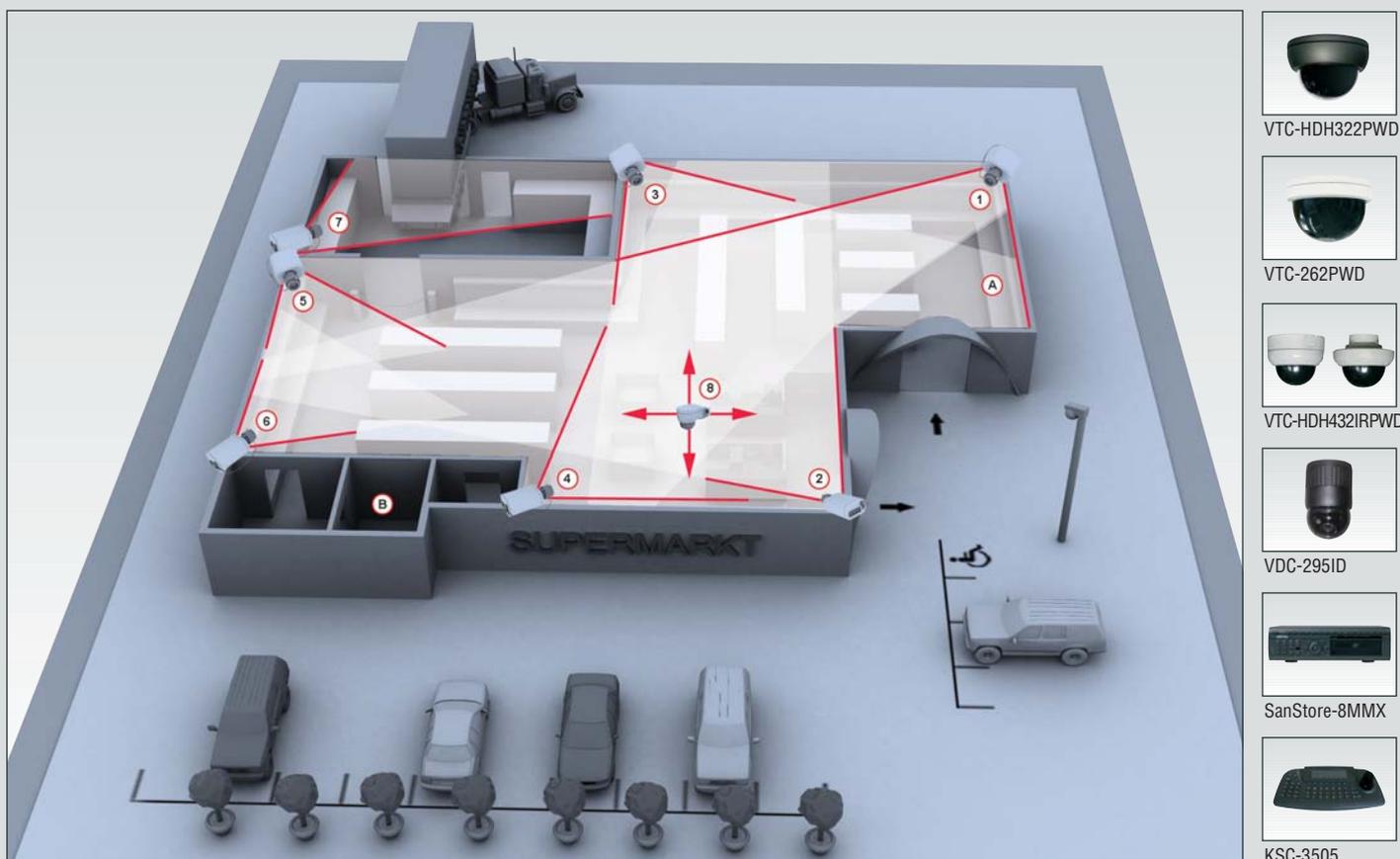
MobileCMS Pro



KSC-3505

**SANTEC**  
VIDEO TECHNOLOGIES

# APPLICATION EXAMPLE



## Video surveillance of a supermarket using CCTV cameras

### Cash desk area

The cash desks are monitored with high-resolution cameras with wide zoom areas which are able to capture all details. The amount of cameras to be used depends on the amount of cash desks to be monitored. In general, one camera should not monitor more than two cash desks. It would be ideal to have one camera per cash desk.

### Sales floor

The surveillance of the sales floor can best be achieved by high-resolution colour dome cameras with variable focal length. They can be mounted in all critical spots. In addition, a controllable high speed colour dome camera is mounted centrally in the supermarket which allows to manually follow events in the store, e.g. if a detective is involved.

### Warehouse

To monitor a warehouse and its adjoining rooms, it is recommended to use high-resolution and vandal-proof colour dome cameras with integrated IR-LEDs which produce excellent images even in complete darkness.

## Applied products

- Camera 1:** High-resolution SANTEC camera VTC-HDH322PWD with sharp manual zoom lens 2.8-12 mm and high picture quality to monitor the cash desk area.
- Camera 2-6:** Compact dome cameras SANTEC VTC-262PWD with excellent picture quality and vario zoom.
- Camera 7:** Vandal-proof dome camera VTC-HDH432IRPWD with built-in IR-LEDs and variable zoom area.
- Camera 8:** High speed dome camera VDC-295ID with 22x motor zoom and 360° pan/tilt function. The dome can be mounted into a ceiling using bracket HSC251-HV. The dome can be connected to a recorder via a USB RS-485 (SCB-C08). Controlling is done via the NUUO-NDVR-8P or the USB keyboard DCZ.

### Picture recording and playback:

For recording, the professional 8-channel digital recorder SanStore-8MMX is used, in connection with the 19" CCTV LCD monitor SLA-19AX. The recorder is user-friendly, reliable and have high recording performances in real-time. Data are compressed in H.264 and pictures are stored on a 1 TB HDD which ensures a long recording period. Depending on the recorder model, data can be exported onto a DVD or USB stick. All CCTV cameras are connected to the recorder which is located in the manager's office (B). From there, the high speed dome camera (8) is controlled via keyboard KSC-3505. The integrated network functionality of the recorder enables remote access to the pictures. Here you may use Apps for iPhones or Android smartphones or a web browser. Hence a perfect surveillance controlled from anywhere in the world is possible.